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United States Department of Agriculture  
National Agricultural Statistics Service  
Pennsylvania Field Office  
Cooperating with the Pennsylvania Department of Agriculture



# Pennsylvania Agricultural Statistics

## 2007-2008

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*Most estimates are subject to revision, if necessary, when the next estimate is prepared. Revisions are made to provide data users with the best possible data for evaluating the current estimates. Revisions are based on additional data, such as new surveys, late reports, corrected data or more complete administrative data. Revisions may also be based on a re-evaluation of previous survey data when making current estimates to improve survey-to-survey relationships. When the Census of Agriculture becomes available every 5 years, all estimates made during those 5 years are reviewed for possible revisions. After reviewing estimates with Census data, there are no further revisions to NASS estimates.*

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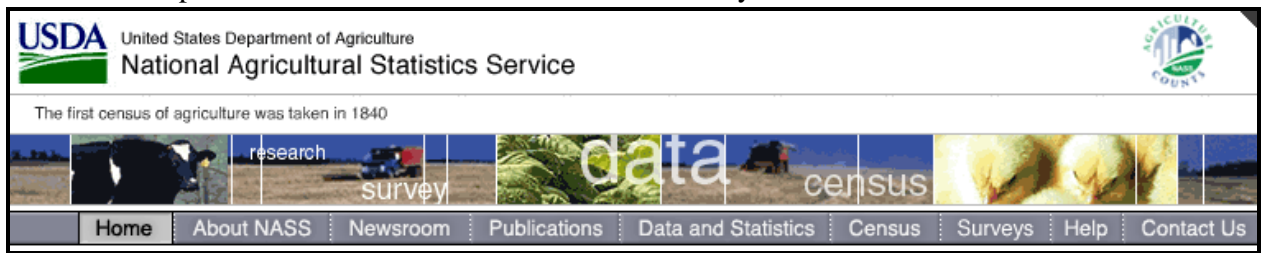
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- > **Revisions to statistics printed in this book**
- > **More recent information**
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The NASS Internet site allows downloading of these data in various electronic formats. This allows you to perform additional analysis or charts and maps on your computer.

Charts and maps are also available on the Internet for Pennsylvania and the Nation.



Try these popular Internet services at [www.nass.usda.gov](http://www.nass.usda.gov) :

- 1) **“Census”** button gives access to county & state statistics for all commodities, operator characteristics, farm expenses and much more in the periodic Censuses of Agriculture from 1840 onward. The Ag Census provides the most complete picture of agriculture at the county level. Other summaries are available such as zip code and congressional district totals with new summaries in the planning stage for watersheds and state districts. Other censuses are also available such as Horticulture, Aquaculture, Irrigation, Organic Production & Marketing, etc.
- 2) **“Data and Statistics”** button allows you to view and download annual, monthly, quarterly statistics for any state, but these data are limited to only the major agricultural commodities in that state.
- 3) **“Surveys”** button explains the details of every survey or census conducted by NASS: purpose, coverage, methods, uses of the data, etc.

*Marc Tosiano*

Marc Tosiano, Director  
 NASS-PA Field Office

***“This information is only available with the help of the many growers that complete and return NASS surveys and the Ag Census.*”**

***Thank you!”***

# Pennsylvania 'Ag Snapshot' 2007



These are the most recent official end-of-season statistics for crops and livestock.

## Crops:

Commodity	Acres Planted	Acres Harvested	Yield	Production		Price per Unit (dols)	Value of Production (1,000 dols)
				Number	Unit <sup>1</sup>		
Barley	55,000	42,000	73.0 bu.	3,066	1,000 bu.	2.90 bu.	8,891
Corn, for grain	1,410,000	980,000	128.0 bu.	125,440	1,000 bu.	4.35 bu.	545,664
Corn, for silage	---	410,000	16.5 tons	6,765	1,000 tons	33.00	223,245
Dry hay, alfalfa	---	600,000	3.00 tons	1,800	1,000 tons	180.00 ton	324,000
Dry hay, other	---	1,200,000	2.00 tons	2,400	1,000 tons	166.00 ton	398,400
Dry hay, all	---	1,800,000	2.33 tons	4,200	1,000 tons	169.00 ton	722,400
Forage, alfalfa (dry equivalent) <sup>5</sup>	---	745,000	3.69 tons	2,749	1,000 tons	---	---
Forage, all (dry equivalent) <sup>4</sup>	---	2,045,000	2.67 tons	5,460	1,000 tons	151.82 ton	828,937
Haylage and greenchop, alfalfa <sup>3</sup>	---	320,000	6.00 tons	1,920	1,000 tons	---	---
Haylage and greenchop, all <sup>2</sup>	---	490,000	5.20 tons	2,549	1,000 tons	41.80 ton	106,548
Maple syrup	---	---	0.115 gallon	51	1,000 gal.	31.60	1,612
Mushrooms, agaricus, 2007-08	---	---	---	496,721	1,000 lbs.	.912 lb.	453,013
Oats	115,000	80,000	56.0 bu.	4,480	1,000 bu.	2.50 bu.	11,200
Potatoes	10,500	10,000	220 cwt.	2,200	1,000 cwt.	10.10 cwt.	22,220
Sorghum, for grain	15,000	3,000	56.0 bu.	168	1,000 bu.	6.60 cwt.	621
Sorghum, for silage	---	9,000	12.0 tons	108	1,000 tons	---	---
Soybeans	425,000	420,000	41.0 bu.	17,220	1,000 bu.	9.75 bu.	167,895
Tobacco, all	---	7,900	2,177 lbs.	17,200	1,000 lbs.	1.65 lb.	24,569
Winter wheat	170,000	155,000	58.0 bu.	8,990	1,000 bu.	6.60 bu.	59,334
<b>Vegetables:</b>							
<b>Fresh:</b>							
Cabbage	1,300	1,200	270.0 cwt.	324	1,000 cwt.	14.20 cwt.	4,601
Cantaloups	900	900	160.0 cwt.	144	1,000 cwt.	33.50 cwt.	4,824
Pumpkins	7,000	6,100	120.0 cwt.	732	1,000 cwt.	23.90 cwt.	17,495
Strawberries	1,300	1,300	47.0 cwt.	61	1,000 cwt.	187.00 cwt.	11,407
Sweet corn	16,600	14,200	62.0 cwt.	880	1,000 cwt.	32.60 cwt.	28,688
Tomatoes	3,300	3,100	210.0 cwt.	651	1,000 cwt.	62.40 cwt.	40,622
<b>Processing:</b>							
Snap beans	10,900	10,800	3.07 tons	33,170	tons	239.00 ton	7,941
Sweet corn <sup>6</sup>	---	---	---	---	---	---	---
<b>Fruit:</b>							
Apples	---	21,500	21,900 lbs	470	mil. lbs.	0.142 lb.	66,489
Cherries, tart	---	600	5,830 lbs.	3.5	mil. lbs.	0.398 lb.	1,392
Grapes	---	12,100	6.94 tons	84,000	tons	249.00 ton	20,913
Peaches	---	4,300	4.51 tons	19,400	tons	903.00 ton	17,524
Pears	---	800	5.00 tons	4,000	tons	717.00 ton	2,869

<sup>1</sup> Unit of data in the column named "Production, Number." <sup>2</sup> Green weight. Includes all types of forage harvested as haylage or greenchop. Forage harvested as dry hay and corn and sorghum silage/greenchop are not included. <sup>3</sup> Green weight. Includes only alfalfa and alfalfa mixtures that were harvested as haylage or greenchop. Alfalfa harvested as dry hay is not included. <sup>4</sup> All Forage production is the sum of the following dry equivalents: alfalfa hay harvested as dry hay, all other hay harvested as dry hay, alfalfa haylage and greenchop, all other hay haylage and greenchop; after converting alfalfa and all other haylage and greenchop to a dry equivalent basis. <sup>5</sup> All alfalfa forage production is the sum of alfalfa harvested as dry hay; and alfalfa haylage and greenchop production after converting it to a dry equivalent basis. <sup>6</sup> Data no longer published to avoid disclosure of individual operations.

## Livestock, Poultry and Other Commodities:

Commodity	Reference Date	Inventory	Production	Market Year Average Price		Value of Production (1,000 dols)
				Dollars	Unit	
<b>Livestock:</b>						
Cattle and calves, all	1/1/08	1,610,000 head	---	---	---	492,260 <sup>1</sup>
Beef cows	1/1/08	158,000 head	---	77.60	dols per cwt	---
Milk cows	1/1/08	552,000 head	---	1,900.00	dols per head	---
Milk production	2007	---	10,682 mil lbs	20.90	dols per cwt	2,232,538
Hogs, all	12/1/07	1,160,000 head	---	40.90	dols per cwt	211,471 <sup>1</sup>
Sheep, all	1/1/08	98,000 head	---	---	---	7,835 <sup>1</sup>
Goats, all	1/1/08	53,000 head	---	---	---	---
<b>Poultry:</b>						
Broilers	2007	---	151,200,000 head	0.450	dols per lb	374,220
Chickens, excluding broilers	12/1/07	26,009,000 head	---	0.011	dols per lb	568
Layers, all	12/1/07	21,993,000 head	---	---	---	---
Egg production	2007	---	6,392 mil eggs	0.731	dols per dozen	389,119
Turkeys raised	2007	---	11,000,000 head	0.50	dols per lb	100,100
<b>Other:</b>						
Farms, land in	2007	7,650,000 acres	---	---	---	---
Farms, number	2007	58,000 farms	---	---	---	---
Honey produced	2007	---	1,050,000 lbs	163	cents per lb	1,712
Mink pelts	2007	---	70,240 pelts	---	---	---
Trout sold	2007	---	1,570,000 lbs	---	---	5,057

<sup>1</sup>Gross income, 1,000 dollars.



# Historical Statistics & Rankings

By Sandra F. Gratson

## Pennsylvania: Record Highs and Lows in PA Agriculture <sup>1</sup>

Field Crops and Vegetables	Year Estimates Started	Record	Acreage		Yield			Production	
			Harvested	Year	Unit	Per Acre	Year	Total	Year
Corn for grain.....	1866	High	1,590	1918	Bu.	140	2004	151,800	1985
		Low	672	1966					
Corn for silage .....	1919	High	590	1999	Ton	18.0	2006	7,975	2003
		Low	156	1921					
Wheat .....	1866	High	1,610	1901	Bu.	59	2006	26,565	1901
		Low	135	2004					
Oats .....	1866	High	1,330	1888	Bu.	70	1985	44,165	1918
		Low	80	2007					
Barley.....	1866	High	245	1955	Bu.	81	2006	9,900	1967
		Low	7	1915					
Soybeans.....	1924	High	425	2006	Bu.	46	2004	19,550	2004
		Low	2	1935					
Dry hay, all.....	1866	High	3,300	1892	Ton	2.93	2006	5,302	1985
		Low	1,600	2005					
Dry hay, alfalfa.....	1919	High	850	1987	Ton	3.30	1985	2,772	1985
		Low	31	1919					
Potatoes .....	1866	High	308	1917	Cwt.	270	2003	19,662	1934
		Low	10.0	2007					
Tobacco.....	1866	High	49.0	1918	Lbs.	2,140	2005	72,275	1918
		Low	3.0	1869					
Mushrooms.....	1966	High	-	-	Lbs.	-	-	496,721	2008
		Low	-	-					
Cabbage, fresh .....	1992	High	2.0	1996	Cwt.	270	2007	513	1992
		Low	1.2	2007					
Cantaloup, fresh .....	1992	High	1.2	2003	Cwt.	160	2007	156	1996
		Low	0.9	2007					
Pumpkins <sup>2</sup> .....	2000	High	8.1	2004	Cwt.	175	2005	1,313	2005
		Low	6.1	2007					
Snap beans, proc. ...	1918	High	13.5	2004	Ton	3.46	2004	46.8	2004
		Low	.1	1921					
Sweet corn, fresh.....	1939	High	29.4	1944	Cwt.	85	1989	1,454	1989
		Low	10.9	1972					
Sweet corn, proc <sup>3</sup> ..	1918	High	16.7	1943	Ton	8.45	1992	44.9	1956
		Low	.8	2003					
Strawberries.....	1918	High	4.1	1937	Cwt.	66	2001	125.3	1937
		Low	1.1	1974					
Tomatoes, fresh.....	1918	High	5.0	1987	Cwt.	210	2007	840	2000
		Low	.5	1926					

<sup>1</sup> In some cases, the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence. <sup>2</sup> Added to vegetable program in 2000. <sup>3</sup> Sweet corn processed discontinued in 2007 to avoid disclosure of individual operations.



**Record Highs & Lows in Pennsylvania Agriculture (Continued) <sup>1</sup>**

Fruit	Year Estimates Started	Units	Total Production		
			Record	Total	Year
Apples	1889	Million Lbs.	High	1,114	1896
			Low	78	1921
Tart cherries	1938	Million Lbs.	High	35.0	1964
			Low	2.6	2005
Sweet cherries <sup>4</sup>	1938	Tons	High	2,200	1940
			Low	50	1990
Peaches <sup>3</sup>	1899	Tons	High	74,400	1954
			Low	<sup>2</sup>	1994
Pears	1909	Tons	High	21,125	1920
			Low	1,900	1973
Grapes	1909	Tons	High	90,000	2005
			Low	6,000	1945
Livestock and Products	Year Estimates Started	Units	Inventory January 1 or Production		
			Record	Total	Year
Cattle and calves	1867	1,000 Head	High	2,100	1982
			Low	1,250	1927
Milk cows	1867	1,000 Head	High	943	1945
			Low	550	2007
Hogs and pigs	1867	1,000 Head	High	1,265	1918
			Low	424	1965
Sheep	1867	1,000 Head	High	2,985	1867
			Low	81	2001
Chickens, all	1924	1,000 Head	High	30,619	2000
			Low	13,850	1975
Turkeys, raised	1929	1,000 Head	High	12,000	2004
			Low	192	1929
Broilers produced	1939	1,000 Head	High	153,500	2006
			Low	2,500	1939
Milk	1924	Million Lbs.	High	11,156	2000
			Low	4,213	1928
Eggs	1924	Million Eggs	High	6,754	2003
			Low	1,649	1924
Wool	1909	1,000 Lbs.	High	4,514	1911
			Low	400	2006

<sup>1</sup> In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence. <sup>2</sup> No significant production due to the severe winter. <sup>3</sup> Peach units were converted from pounds to tons in 2004. <sup>4</sup> Sweet cherry estimates were discontinued in 2005.



Pennsylvania: Ranking of States in Crop Production, 2007

Commodity	PA Ranking	1	2	3	4	5	6	7	8	9	10
<b>Crops:</b>											
Corn for grain	17	IA	IL	NE	MN	IN	SD	OH	KS	MO	WI
Corn for silage	4	CA	WI	NY	PA	MN	IA	ID	SD	MI	TX
Winter wheat	28	KS	TX	WA	OK	SD	CO	NE	MT	ID	IL
Oats	6	ND	MN	WI	SD	IA	PA	TX	NY	OH	MI
Barley	9	ND	ID	MT	WA	CO	MN	WY	AZ	PA	MD
Dry hay, all	15	TX	CA	SD	MO	OK	KS	NE	IA	ID	ND
Dry hay, other	8	TX	MO	OK	KY	KS	AR	SD	PA	TN	CA
Dry hay, alfalfa	16	CA	SD	ID	IA	NE	WI	CO	MT	MN	ND
Soybeans for beans	19	IA	IL	MN	IN	OH	NE	MO	SD	ND	AR
Tobacco	7	NC	KY	SC	VA	GA	TN	PA	OH	CT	MO
Potatoes, all	19	ID	WA	WI	ND	CO	MN	OR	ME	CA	MI
Mushrooms, agaricus	1	PA	CA	-	-	-	-	-	-	-	-
<b>Fruit:</b>											
Apples	4	WA	NY	MI	PA	CA	VA	OR	WV	NC	WI
Cherries, tart	6	MI	UT	WA	NY	WI	PA	OR	-	-	-
Grapes	5	CA	WA	NY	MI	PA	OR	OH	VA	TX	NC
Peaches	3	CA	NJ	PA	MI	WA	SC	GA	CO	TX	ID
Pears	5	WA	CA	OR	NY	PA	MI	CO	CT	UT	-
<b>Vegetables:</b>											
Sweet corn, fresh market	7	FL	CA	GA	NJ	NC	CO	PA	WA	NY	IL
~ processing <sup>1</sup>	-	-	-	-	-	-	-	-	-	-	-
Tomatoes, fresh market	8	FL	CA	GA	VA	TN	OH	NC	PA	NJ	MI
Cabbage, fresh market	13	CA	NY	GA	FL	NC	TX	CO	WI	AZ	OH
Cantaloups, fresh market	7	CA	AZ	GA	IN	TX	CO	PA	SC	MD	-
Pumpkins, fresh market	5	IL	OH	CA	NY	PA	MI	-	-	-	-
Snap beans, processing	5	WI	OR	MI	IL	PA	IN	-	-	-	-
Strawberries, fresh market	6	CA	FL	OR	NC	WA	PA	NY	WI	MI	OH
<b>Other Commodities:</b>											
Maple syrup	7	VT	NY	ME	WI	OH	MI	PA	NH	MA	CT
Christmas trees <sup>2</sup>	4	OR	NC	MI	PA	WI	WA	NY	VA	MN	CA
Floriculture crops, wholesale value	9	CA	FL	MI	TX	OH	NY	NC	NJ	PA	WA
Nursery crops, 2006 gross sales	12	CA	OR	FL	NC	TX	OH	NJ	TN	MI	GA

<sup>1</sup> Sweet corn processing discontinued in 2007 to avoid disclosure of individual operations. <sup>2</sup> Data taken from the 2002 Census of Agriculture.

Pennsylvania: Ranking of Counties in Crop Production, 2007

Commodity	1	2	3	4	5	6	7	8	9	10
Wheat	York	Lanc.	Adams	Berks	Lehigh	Frank.	Cumb.	Chest.	Lebanon	Colum.
Corn for grain	Lanc.	York	Lebanon	Chester	Berks	Frank.	North'tn	Craw.	Mercer	North'id
Corn for silage	Lanc.	Frank.	Berks	Lebanon	Blair	Bedfd.	Chester	Bradfd.	Cumb.	Somer.
Oats	Somer.	Mercer	Cambria	Craw.	Indiana	Erie	Butler	Berks	Lawr.	West.
Barley	York	Lanc.	Frank.	Berks	Cumb.	Chester	Adams	Lebanon	Perry	North'id
Soybeans	York	Lanc.	Berks	Lebanon	North'id	North'tn	Chester	Mercer	Cumb.	Craw.
Dry hay, alfalfa	Lanc.	Wash.	Butler	Mercer	York	Berks	Chester	Frank.	Bradfd.	Craw.
Dry hay, other	Brad.	Wash.	Lanc.	Susq.	Tioga	Somer.	Frank.	Chester	Perry	Mercer
Dry hay, all	Lanc.	Wash.	Bradfd.	Frank.	Mercer	Somer.	Chester	Tioga	Craw.	Berks
Forage, all	Lanc.	Bradfd.	Frank.	Wash.	Somer.	Berks	Tioga	Mercer	Craw.	Chest.
Potatoes	Schuyl.	Erie	Cambria	Chester	Lanc.	Clarion	Luzerne	Lehigh	-	-
Apples	Adams	Frank.	Bedfd.	York	Berks	Lehigh	Lanc.	Snyder	Schuyl.	Cumb.
Peaches	Adams	Frank.	York	Lanc.	Berks	Erie	Snyder	Lehigh	Colum.	Schuyl.



Pennsylvania: Ranking of States in Livestock, Poultry and Cash Receipts, 2007-2008

Commodity	PA Ranking	1	2	3	4	5	6	7	8	9	10
<b>Livestock Inventory, 1/1/08</b>											
All cattle and calves	19	TX	KS	NE	CA	OK	MO	IA	SD	WI	CO
Milk cows	4	CA	WI	NY	PA	ID	MN	TX	MI	NM	OH
Hogs and pigs <sup>1</sup>	12	IA	NC	MN	IL	IN	NE	MO	OK	KS	OH
Sheep and lambs	15	TX	CA	WY	CO	SD	MT	UT	IA	ID	OR
Milk goats	5	WI	CA	TX	IA	PA	NY	MO	N Eng	OH	IN
<b>Poultry Inventory, 12/1/07</b>											
Chickens, excluding broilers	5	IA	OH	IN	GA	PA	TX	AR	CA	NC	AL
Layers, all	4	IA	OH	IN	PA	CA	GA	TX	AR	NC	FL
<b>Livestock &amp; Poultry Production, 2007</b>											
Milk production	5	CA	WI	NY	ID	PA	MN	MI	TX	NM	WA
Milk production per cow	15	AZ	WA	CO	MI	ID	CA	NM	TX	NH	UT
Egg production	4	IA	OH	IN	PA	TX	CA	GA	AR	NE	NC
Broilers produced	14	GA	AR	AL	MS	NC	TX	KY	MD	VA	DE
Egg-type chick hatch	3	IA	IN	PA	GA	MN	-	-	-	-	-
Broiler-type chick hatch	13	GA	AL	AR	NC	MS	TX	MD	KY	OK	VA
Turkeys raised	8	MN	NC	AR	VA	MO	CA	IN	PA	SC	IA
<b>Slaughter in Commercial Plants, 2007</b>											
Number of plants	1	PA	MO	MT	OH	IA	MN	NE	TX	WI	KS
Cattle (head)	8	KS	NE	TX	CO	WI	CA	WA	PA	MN	UT
Calves (head)	1	PA	NY	CA	NJ	IL	MI	TX	NM	LA	DE/MD
Goats <sup>2</sup> (head)	6	NJ	DE/MD	IL	TX	CA	PA	GA	NY	TN	FL
Hogs (head)	10	IA	NC	IL	MN	IN	NE	MO	OK	SD	PA
Sheep and lambs (head)	5	CO	IA	MI	NJ	PA	NY	TX	UT	DE/MD	N Eng
Total red meat (lbs.)	13	NE	IA	KS	TX	IL	MN	NC	CO	CA	IN
<b>Other Livestock, 2007</b>											
Trout produced (lbs.)	5	ID	NC	WA	CA	PA	VA	CO	WI	MI	UT
Honey produced (lbs.)	23	ND	CA	SD	FL	MT	MN	TX	WI	MI	ID
Mink pelts	10	WI	UT	OR	ID	MN	IA	WA	OH	SD	PA
<b>Number of Farms, 2007</b>											
	14	TX	MO	IA	KY	OK	TN	MN	WI	OH	CA
<b>Cash Receipts, 2007</b>											
Total	18	CA	TX	IA	NE	MN	KS	IL	WI	NC	IN
Livestock and products	13	TX	CA	IA	NE	KS	WI	NC	MN	GA	CO
Crops	23	CA	IA	IL	TX	MN	NE	FL	WA	IN	ND
<b>Direct Sales, 2002 <sup>3</sup></b>	3	CA	NY	PA	MI	OH	WA	MA	WI	TX	MN

<sup>1</sup> Inventory December 1, 2007. <sup>2</sup> Federally inspected only. <sup>3</sup> Data taken from the 2002 Census of Agriculture.

Pennsylvania: Ranking of Counties in Livestock, Poultry and Number of Farms, 2007-2008

Commodity	1	2	3	4	5	6	7	8	9	10
<b>Inventory, Jan. 1, 2008</b>										
Cattle and calves	Lanc.	Frank.	Bradfd.	Berks	Cumb.	Lebanon	Somer.	York	Bedford	Chester
Hogs and pigs <sup>1</sup>	Lanc.	Frank.	Lebanon	Berks	Perry	Schuyl.	York	Snyder	Dauphin	Juniata
Sheep and lambs	Wash.	Lanc.	York	Greene	Bedford	Frank.	Chester	West.	Tioga	Dauphin
Chickens, excluding broilers <sup>1</sup>	Lanc.	Berks	Lebanon	York	Frank.	Perry	-	-	-	-
Cows in milking herd	Lanc.	Frank.	Bradfd.	Berks	Lebanon	Somerset	Chester	Cumb.	Blair	Bedford
<b>Production, 2007</b>										
Broilers produced	Lanc.	Lebanon	Snyder	Juniata	Berks	Union	Schuyl.	Frank.	North'ld	Dauphin
Milk production	Lanc.	Frank.	Lebanon	Bradfd.	Berks	Chester	Cumb.	Blair	Somer.	Bedford
Egg production	Lanc.	Berks	Lebanon	York	Frank.	Perry	-	-	-	-
<b>Number of Farms, 2007</b>	Lanc.	York	Wash.	Chester	Berks	Bradfd.	Frank.	Crawford	West.	Lycoming
<b>Cash Receipts, 2007 <sup>2</sup></b>	Lanc.	Adams	Chester	Frank.	Berks	Lebanon	York	Cumb.	Snyder	Bradfd.
<b>Direct Sales, 2002 <sup>3</sup></b>	Lanc.	York	Chester	Bucks	Berks	Erie	Butler	Cumb.	West.	Lehigh

<sup>1</sup> Inventory December 1, 2007. <sup>2</sup> Government payments not included. <sup>3</sup> Data taken from the 2002 Census of Agriculture.

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# Farms, Land In Farms & Value



# Farms, Land In Farms and Value, 2007

By Sandra F. Gratson

Pennsylvania: Number of Farms and Land In Farms, 1975-2007 <sup>1 2</sup>

Year	Number of Farms	Land In Farms	
		Total Acres	Per Farm
	<i>Number</i>	<i>1,000</i>	<i>Acres</i>
1975	66,000	9,600	145
1980	62,000	9,000	145
1985	58,000	8,700	150
1990	53,000	8,100	153
1995	59,000	7,700	131
2000	59,000	7,690	130
2002	58,200	7,700	132
2003	58,200	7,700	132
2004	58,200	7,700	132
2005	58,200	7,700	132
2006	58,200	7,650	131
2007	58,000	7,650	132

<sup>1</sup> A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. <sup>2</sup> The implementation of the new North American Industry Classification System (NAICS) has resulted in new industries being included in the count of number of farms beginning with the year 1993. These new industries include some places with maple taps, horses and short rotation woody crops.

Pennsylvania: Number of Farms By Sales Class, 2000-2007

Year	Gross Value of Sales						Total	
	\$1,000 - \$9,999		\$10,000 - \$99,999		\$100,000 +		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
2000	32,800	55.6	16,400	27.8	9,800	16.6	59,000	100.0
2001	32,300	55.2	16,400	28.0	9,800	16.8	58,500	100.0
2002	34,400	59.1	14,500	24.9	9,300	16.0	58,200	100.0
2003	34,400	59.1	14,500	24.9	9,300	16.0	58,200	100.0
2004	34,300	58.9	14,600	25.1	9,300	16.0	58,200	100.0
2005	34,200	58.8	14,500	24.9	9,500	16.3	58,200	100.0
2006	34,200	58.8	14,500	24.9	9,500	16.3	58,200	100.0
2007	34,200	59.0	14,400	24.8	9,400	16.2	58,000	100.0

Pennsylvania: Land In Farms By Sales Class, 2000-2007

Year	Gross Value of Sales						Total	
	\$1,000 - \$9,999		\$10,000 - \$99,999		\$100,000 +		Acres	Percent
	Acres	Percent	Acres	Percent	Acres	Percent		
	<i>1,000</i>	<i>Number</i>	<i>1,000</i>	<i>Number</i>	<i>1,000</i>	<i>Number</i>	<i>1,000</i>	<i>Number</i>
2000	2,280	29.7	2,400	31.2	3,010	39.1	7,670	100.0
2001	2,330	30.2	2,370	30.7	3,010	39.1	7,710	100.0
2002	2,300	29.9	2,200	28.5	3,200	41.6	7,700	100.0
2003	2,300	29.9	2,200	28.5	3,200	41.6	7,700	100.0
2004	2,300	29.9	2,200	28.5	3,200	41.6	7,700	100.0
2005	2,300	29.9	2,150	27.9	3,250	42.2	7,700	100.0
2006	2,250	29.4	2,150	28.1	3,250	42.5	7,650	100.0
2007	2,240	29.3	2,050	26.8	3,360	43.9	7,650	100.0

Pennsylvania: Average Size of Farm By Sales Class, 2000-2007

Year	Gross Value of Sales			State
	\$1,000 - \$9,999	\$10,000 - \$99,999	\$100,000 +	
	<i>Acres</i>			
2000	70	146	307	130
2001	72	145	307	132
2002	67	152	344	132
2003	67	152	344	132
2004	67	151	344	132
2005	67	148	342	132
2006	66	148	342	131
2007	66	142	357	132

**Pennsylvania: Cattle and Calves - Operations and Percent of Inventory By Size Groups, 2000-2007<sup>1 2</sup>**

Year	1 - 49 Head		50 - 99 Head		100 - 499 Head	
	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory
2000	16,000	16.0	7,400	30.0	4,440	46.0
2001	16,300	17.0	7,100	29.0	4,420	45.0
2002	16,500	17.0	6,900	28.0	4,430	46.0
2003	16,900	17.0	6,600	27.0	4,320	46.0
2004	17,200	16.0	6,300	26.0	4,300	47.0
2005	17,700	17.0	5,900	25.0	4,200	47.0
2006	16,900	18.0	5,900	26.0	4,000	45.0
2007	16,900	17.0	5,900	26.0	4,000	45.0
Year	500 - 999 Head		1,000 & Over Head		Total	
	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory
2000	130	5.0	30	3.0	28,000	100.0
2001	150	5.8	30	3.2	28,000	100.0
2002	140	5.6	30	3.4	28,000	100.0
2003	140	5.8	40	4.2	28,000	100.0
2004	155	6.4	45	4.6	28,000	100.0
2005	155	6.5	45	4.5	28,000	100.0
2006	150	6.4	50	4.6	27,000	100.0
2007	150	6.4	50	5.6	27,000	100.0

<sup>1</sup> An operation is any place having one or more head of cattle on hand at any time during the year. <sup>2</sup> Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

**Pennsylvania: Milk Cows - Operations and Percent of Inventory By Size Groups, 2000-2007<sup>1 2</sup>**

Year	1 - 29 Head		30 - 49 Head		50 - 99 Head		100 -199 Head	
	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory
2000	2,000	4.3	3,800	25.0	3,700	37.0	920	20.0
2001	1,800	4.0	3,700	24.0	3,600	37.0	910	19.5
2002	1,900	3.5	3,300	22.0	3,400	36.5	890	20.0
2003	2,000	4.0	3,000	20.0	3,300	36.0	980	21.5
2004	1,900	3.0	2,800	19.5	3,100	35.5	980	22.0
2005	1,800	2.5	2,700	19.0	3,100	36.0	970	22.0
2006	1,700	2.5	2,700	18.5	3,000	35.0	960	22.0
2007	1,600	2.0	2,600	18.0	2,900	34.5	960	22.0
Year	200 - 499 Head		500 & Over Head		Total			
	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory
2000	260	11.0	20	2.7	10,700	100.0		
2001	260	11.5	30	4.0	10,300	100.0		
2002	270	12.5	40	5.5	9,800	100.0		
2003	280	13.0	40	5.5	9,600	100.0		
2004	270	13.0	50	7.0	9,100	100.0		
2005	280	13.5	50	7.0	8,900	100.0		
2006	280	14.0	60	8.0	8,700	100.0		
2007	280	14.5	60	9.0	8,400	100.0		

<sup>1</sup> An operation is any place having one or more milk cows on hand at any time during the year. <sup>2</sup> Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

**Pennsylvania: Beef Cows - Operations and Percent of Inventory By Size Groups, 2000-2007<sup>1 2</sup>**

Year	1 - 49 Head		50 - 99 Head		100 Head & Over		Total	
	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory
2000	10,800	71.0	390	17.0	110	12.0	11,300	100.0
2001	10,800	71.0	380	16.0	120	13.0	11,300	100.0
2002	11,600	67.0	470	19.0	130	14.0	12,200	100.0
2003	11,200	67.0	470	20.0	130	13.0	11,800	100.0
2004	11,300	71.0	470	19.0	130	10.0	11,900	100.0
2005	11,400	69.0	470	19.0	130	12.0	12,000	100.0
2006	11,400	69.0	460	18.0	140	13.0	12,000	100.0
2007	11,400	69.0	460	18.0	140	13.0	12,000	100.0

<sup>1</sup> An operation is any place having one or more beef cows on hand at any time during the year. <sup>2</sup> Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

**Pennsylvania: Cattle On Feed - Number of Feedlots  
With Less Than 1,000 Head Capacity, 2000-2007<sup>1</sup>**

Year	Lots	Year	Lots
2000	5,100	2004	4,600
2001	4,900	2005	4,600
2002	4,900	2006	4,600
2003	4,900	2007	4,600

<sup>1</sup> Number of feedlots is the number of lots operating at the end of the year.

**Pennsylvania: Hogs and Pigs - Operations and Percent of Inventory By Size Groups, 2000-2007<sup>1 2</sup>**

Year	1 - 99 Head		100 - 499 Head		500 - 999 Head		1,000 -1,999 Head	
	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory
2000	2,350	3.0	400	8.0	230	13.0	130	16.0
2001	2,400	3.0	400	8.0	200	12.0	110	14.0
2002	2,600	3.0	400	8.0	180	11.0	130	15.0
2003	2,600	3.0	400	7.5	190	11.0	130	15.5
2004	2,500	2.5	370	7.5	170	10.0	130	15.0
2005	2,300	2.5	360	7.0	170	9.5	130	13.0
2006	2,400	3.0	320	6.0	130	8.0	100	10.0
2007	2,500	3.0	310	5.5	120	7.5	90	9.0

Year	2,000 – 4,999 Head		5,000 & Over Head		Total	
	Operations	Percent of Inventory	Operations	Percent of Inventory	Operations	Percent of Inventory
2000	150	35.0	40	25.0	3,300	100.0
2001	150	38.0	40	25.0	3,300	100.0
2002	150	38.0	40	25.0	3,500	100.0
2003	145	38.0	35	25.0	3,500	100.0
2004	195	38.0	35	27.0	3,400	100.0
2005	210	42.0	30	26.0	3,200	100.0
2006	220	47.0	30	26.0	3,200	100.0
2007	250	49.0	30	26.0	3,300	100.0

<sup>1</sup> An operation is any place having one or more hogs or pigs on hand at any time during the year. <sup>2</sup> Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

**Pennsylvania: Sheep and Lambs – Number  
of Operations, 2000-2007<sup>1</sup>**

Year	Operations	Year	Operations
2000	2,900	2004	3,400
2001	3,000	2005	3,600
2002	3,100	2006	3,800
2003	3,200	2007	3,800

<sup>1</sup> An operation is any place having one or more sheep or lambs on hand at any time during the year.

**Pennsylvania: Goats – Number  
of Farms, 1997 and 2002<sup>1</sup>**

Milk Goats		Meat and Other Goats	
Year	Operations	Year	Operations
1997	937	1997	2,190
2002	1,082	2002	2,426

<sup>1</sup> Data taken from the 2002 Census of Agriculture published by USDA, NASS.



Pennsylvania: Farm Numbers, Land In Farms, Average Size and Land Area, 2007 <sup>1 2 3</sup>

County & District	Number of Farms		Land In Farms		Average Size of Farm		Total Land Area (approximate)	
	Number	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Adams	1,260	179,000	179,000	142	142	332,804		
Allegheny	465	33,500	33,500	72	72	467,309		
Armstrong	735	129,000	129,000	176	176	418,515		
Beaver	645	62,000	62,000	96	96	277,896		
Bedford	1,090	190,500	190,500	175	175	649,287		
Berks	1,790	213,000	213,000	119	119	549,683		
Blair	505	85,500	85,500	169	169	336,513		
Bradford	1,490	299,000	299,000	201	201	736,426		
Bucks	915	76,000	76,000	83	83	388,721		
Butler	1,170	142,000	142,000	121	121	504,662		
Cambria	630	86,500	86,500	137	137	440,335		
Cameron	35	4,000	4,000	114	114	254,185		
Carbon	205	19,000	19,000	93	93	243,864		
Centre	1,220	163,000	163,000	134	134	708,821		
Chester	1,915	166,000	166,000	87	87	483,820		
Clarion	590	107,500	107,500	182	182	385,562		
Clearfield	470	60,000	60,000	128	128	734,282		
Clinton	420	52,500	52,500	125	125	570,154		
Columbia	885	121,500	121,500	137	137	310,749		
Crawford	1,415	219,000	219,000	155	155	648,143		
Cumberland	1,115	141,500	141,500	127	127	352,106		
Dauphin	855	94,000	94,000	110	110	336,185		
Elk	225	22,000	22,000	98	98	530,337		
Erie	1,280	164,000	164,000	128	128	513,247		
Fayette	975	123,000	123,000	126	126	505,688		
Forest	60	5,500	5,500	92	92	273,995		
Franklin	1,415	241,500	241,500	171	171	494,026		
Fulton	560	99,500	99,500	178	178	280,042		
Greene	880	140,000	140,000	159	159	368,551		
Huntingdon	845	141,000	141,000	167	167	559,395		
Indiana	900	155,500	155,500	173	173	530,733		
Jefferson	550	86,000	86,000	156	156	419,507		
Juniata	640	84,500	84,500	132	132	250,620		
Lackawanna	290	32,500	32,500	112	112	293,524		
Lancaster	5,285	407,000	407,000	77	77	607,399		
Lawrence	700	86,000	86,000	123	123	230,695		
Lebanon	1,105	124,000	124,000	112	112	231,588		
Lehigh	615	90,000	90,000	146	146	221,864		
Luzerne	550	72,000	72,000	131	131	570,118		
Lycoming	1,320	175,000	175,000	133	133	790,306		
McKean	265	41,000	41,000	155	155	628,203		
Mercer	1,230	162,000	162,000	132	132	429,962		
Mifflin	750	89,500	89,500	119	119	263,588		
Monroe	325	32,000	32,000	98	98	389,441		
Montgomery	725	48,000	48,000	66	66	309,196		
Montour	305	39,500	39,500	130	130	83,681		
Northampton	490	77,000	77,000	157	157	239,230		
Northumberland	715	117,000	117,000	164	164	294,343		
Perry	750	128,000	128,000	171	171	354,251		
Pike	50	10,000	10,000	200	200	349,958		
Potter	345	93,000	93,000	270	270	691,946		
Schuylkill	835	110,000	110,000	132	132	498,151		
Snyder	780	98,500	98,500	126	126	211,971		
Somerset	1,190	220,500	220,500	185	185	687,782		
Sullivan	170	31,000	31,000	182	182	287,959		
Susquehanna	1,110	187,500	187,500	169	169	526,632		
Tioga	970	197,500	197,500	204	204	725,585		
Union	520	68,500	68,500	132	132	202,705		
Venango	475	64,500	64,500	136	136	432,024		
Warren	500	77,000	77,000	154	154	565,406		
Washington	2,480	258,000	258,000	104	104	548,538		
Wayne	660	112,000	112,000	170	170	466,699		
Westmoreland	1,350	149,000	149,000	110	110	656,310		
Wyoming	360	61,000	61,000	169	169	254,208		
York	2,550	282,000	282,000	111	111	578,851		
<b>Southeastern, Other Counties</b>	<b>85</b>	<b>3,000</b>	<b>3,000</b>	<b>35</b>	<b>35</b>	<b>-</b>		
Northwestern	4,960	692,000	692,000	140	140	-		
North Central	5,240	915,000	915,000	175	175	-		
Northeastern	2,420	393,000	393,000	162	162	-		
West Central	5,290	768,000	768,000	145	145	-		
Central	9,870	1,377,000	1,377,000	140	140	-		
East Central	3,070	410,000	410,000	134	134	-		
Southwestern	7,340	924,000	924,000	126	126	-		
South Central	7,990	1,134,000	1,134,000	142	142	-		
Southeastern	11,820	1,037,000	1,037,000	88	88	-		
<b>Pennsylvania</b>	<b>58,000</b>	<b>7,650,000</b>	<b>7,650,000</b>	<b>132</b>	<b>132</b>	<b>28,682,630</b>		

<sup>1</sup> Counties not shown separately are included in 'Other Counties'. <sup>2</sup> Based on 2002 U.S. Census of Agriculture. <sup>3</sup> The Agricultural Census is using a new classification system to classify farms. The new classification system, the North American Industrial Classification System (NAICS), replaces the Standard Industrial Classification System (SIC). NAICS was developed jointly by Mexico, Canada, and the United States to make the industrial statistics produced in the three countries comparable.

**Pennsylvania: Estimated Number of Farms, 2007**

County & District	Cattle	Commercial Dairy <sup>1</sup>	Hog	Sheep	Poultry <sup>2</sup>
Adams	460	65	60	70	144
Allegheny	120	5	20	40	77
Armstrong	320	50	35	40	78
Beaver	320	35	25	60	67
Bedford	650	225	75	85	93
Berks	830	305	90	135	220
Blair	340	115	20	35	70
Bradford	910	290	65	75	136
Bucks	160	20	35	130	124
Butler	620	45	65	70	111
Cambria	330	20	45	20	72
Cameron	20	-	5	-	4
Carbon	50	-	10	20	22
Centre	540	175	80	70	170
Chester	630	290	55	145	199
Clarion	330	50	50	35	64
Clearfield	200	20	25	10	64
Clinton	190	85	30	15	48
Columbia	270	45	30	30	58
Crawford	720	240	120	65	181
Cumberland	660	230	50	60	133
Dauphin	290	85	30	85	93
Delaware	30	-	-	10	3
Elk	120	10	15	5	42
Erie	530	80	70	40	73
Fayette	540	55	90	55	101
Forest	50	5	10	-	3
Franklin	810	430	85	100	214
Fulton	300	50	40	40	57
Greene	480	15	50	90	72
Huntingdon	430	95	45	45	89
Indiana	460	150	70	75	85
Jefferson	310	45	35	20	49
Juniata	360	145	50	40	116
Lackawanna	120	20	10	15	19
Lancaster	2,970	1,910	360	340	946
Lawrence	390	125	80	65	104
Lebanon	620	265	80	90	169
Lehigh	110	15	20	40	55
Luzerne	160	20	20	20	50
Lycoming	460	110	65	55	153
McKean	120	-	25	10	32
Mercer	600	180	100	85	156
Mifflin	580	280	85	90	147
Monroe	60	-	15	15	57
Montgomery	160	20	40	70	94
Montour	160	50	15	15	35
Northampton	150	30	25	30	64
Northumberland	290	80	40	35	69
Perry	400	100	45	40	90
Philadelphia	-	-	-	-	1
Pike	20	-	-	5	5
Potter	170	45	25	15	47
Schuylkill	250	50	30	20	103
Snyder	360	145	75	55	167
Somerset	650	275	80	75	163
Sullivan	80	20	10	5	16
Susquehanna	400	130	35	55	109
Tioga	580	155	50	85	107
Union	350	155	35	20	94
Venango	220	20	55	25	62
Warren	230	75	45	25	64
Washington	1,020	50	90	250	217
Wayne	310	100	40	30	65
Westmoreland	640	90	85	90	147
Wyoming	220	40	25	15	23
York	770	150	110	200	281
North Central, Other Counties	-	15	-	-	-
East Central, Other Counties	-	5	-	-	-
Southeastern, Other Counties	-	-	5	-	-
Northwestern	2,350	600	400	240	539
North Central	2,650	730	290	265	585
Northeastern	1,050	290	110	115	216
West Central	2,750	500	360	365	558
Central	4,900	1,510	620	590	1,334
East Central	800	120	120	150	356
Southwestern	3,450	490	415	605	777
South Central	3,650	1,150	420	550	922
Southeastern	5,400	2,810	665	920	1,756
<b>Pennsylvania</b>	<b>27,000</b>	<b>8,200</b>	<b>3,400</b>	<b>3,800</b>	<b>7,043</b>

<sup>1</sup> Commercial dairy farms relate to farms with 10 or more milk cows. <sup>2</sup> Data taken from the 2002 Census of Agriculture.

Farm Real Estate: Average Value Per Acre, By Region  
and State, January 1, 2004-2008<sup>1 2</sup>

Region and State	2004	2005	2006	2007	2008	Change 07-08
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
<b>Northeast:</b>	<b>3,550</b>	<b>4,110</b>	<b>4,550</b>	<b>5,000</b>	<b>5,080</b>	<b>1.6</b>
CT	10,200	10,800	11,400	11,700	11,500	-1.7
DE	6,000	8,400	10,200	10,400	9,900	-4.8
ME	1,850	1,950	2,050	2,150	2,100	-2.3
MD	5,700	7,900	8,900	9,250	9,100	-1.6
MA	9,900	10,500	11,600	11,800	12,200	3.4
NH	3,250	3,450	3,700	4,000	3,900	-2.5
NJ	9,750	10,500	10,900	11,300	11,300	0.0
NY	1,780	1,920	2,050	2,220	2,400	8.1
<b>PA</b>	<b>3,650</b>	<b>4,220</b>	<b>4,790</b>	<b>5,670</b>	<b>5,800</b>	<b>2.3</b>
RI	10,200	11,200	12,500	12,500	12,000	-4.0
VT	2,150	2,300	2,450	2,700	2,850	5.6
<b>Lake States:</b>	<b>2,220</b>	<b>2,520</b>	<b>2,840</b>	<b>3,300</b>	<b>3,580</b>	<b>8.5</b>
MI	2,920	3,150	3,500	3,950	4,150	5.1
MN	1,800	2,100	2,400	2,780	3,100	11.5
WI	2,500	2,850	3,200	3,800	4,070	7.1
<b>Corn Belt:</b>	<b>2,300</b>	<b>2,720</b>	<b>*3,050</b>	<b>3,450</b>	<b>3,910</b>	<b>13.3</b>
IL	2,610	3,330	3,800	4,330	5,000	15.5
IN	2,770	3,140	3,630	4,000	4,450	11.3
IA	2,200	2,650	2,930	3,400	4,000	17.6
MO	1,580	1,790	1,980	2,280	2,450	7.5
OH	2,930	3,180	*3,490	3,800	4,150	9.2
<b>Northern Plains:</b>	<b>632</b>	<b>735</b>	<b>*840</b>	<b>961</b>	<b>1,110</b>	<b>15.5</b>
KS	715	850	*940	1,090	1,170	7.3
NE	825	940	1,090	1,230	1,460	18.7
ND	455	505	*575	650	765	17.7
SD	500	605	710	820	990	20.7
<b>Appalachian:</b>	<b>2,560</b>	<b>3,110</b>	<b>*3,460</b>	<b>3,820</b>	<b>4,020</b>	<b>5.2</b>
KY	2,000	2,500	2,750	2,850	3,000	5.3
NC	3,300	3,940	4,250	4,600	4,800	4.3
TN	2,500	2,850	3,070	3,400	3,650	7.4
VA	3,200	4,050	4,900	5,700	5,900	3.5
WV	1,500	1,950	2,150	2,500	2,700	8.0
<b>Southeast:</b>	<b>2,420</b>	<b>3,530</b>	<b>4,420</b>	<b>4,820</b>	<b>4,960</b>	<b>2.9</b>
AL	1,860	2,400	2,750	3,100	3,500	12.9
FL	3,100	5,400	7,280	7,570	7,600	0.4
GA	2,350	3,200	3,900	4,500	4,500	0.0
SC	2,150	2,400	2,600	2,900	3,050	5.2
<b>Delta States:</b>	<b>1,580</b>	<b>1,790</b>	<b>1,950</b>	<b>2,180</b>	<b>2,360</b>	<b>8.3</b>
AR	1,650	1,870	2,050	2,300	2,500	8.7
LA	1,580	1,770	1,900	2,120	2,300	8.5
MS	1,480	1,690	1,850	2,080	2,230	7.2
<b>Southern Plains:</b>	<b>832</b>	<b>1,000</b>	<b>1,190</b>	<b>1,400</b>	<b>1,550</b>	<b>10.7</b>
OK	745	900	970	1,080	1,150	6.5
TX	855	1,030	1,250	1,480	1,690	14.2
<b>Mountain:</b>	<b>550</b>	<b>698</b>	<b>*951</b>	<b>1,120</b>	<b>1,210</b>	<b>8.0</b>
AZ <sup>1</sup>	1,600	2,330	*3,050	3,400	3,500	2.9
CO	775	940	*1,100	1,250	1,300	4.0
ID	1,360	1,750	2,440	2,830	2,950	4.2
MT	410	510	*800	960	1,100	14.6
NV <sup>1</sup>	500	650	*900	1,100	1,150	4.5
NM <sup>1</sup>	265	360	520	610	630	3.3
UT <sup>1</sup>	1,150	1,460	2,070	2,550	2,750	7.8
WY	315	370	*450	560	670	19.6
<b>Pacific:</b>	<b>2,480</b>	<b>3,120</b>	<b>3,290</b>	<b>3,670</b>	<b>3,990</b>	<b>8.7</b>
CA	3,800	5,090	5,390	6,000	6,500	8.3
OR	1,250	1,350	1,420	1,650	1,800	9.1
WA	1,530	1,650	1,750	1,900	2,090	10.0
<b>48 States<sup>2</sup></b>	<b>1,360</b>	<b>1,650</b>	<b>1,900</b>	<b>2,160</b>	<b>2,350</b>	<b>8.8</b>

\* Revised. <sup>1</sup> Excludes American Indian Reservation Land. <sup>2</sup> Excludes Alaska and Hawaii.

**Pennsylvania and Selected States: Average Value Per Acre of  
Land and Buildings, Average Cash Rent Per Acre, 2008**

Region and State	Farmland <sup>1</sup>	Cropland		Pasture	
	Average Value Per Acre	Rent Per Acre	Average Value Per Acre	Rent Per Acre	Average Value Per Acre
	--- Dollars ---				
<b>Pennsylvania</b>					
2004	3,650	43.00	3,700	25.00	2,000
2005	4,220	45.00	4,280	27.00	2,200
2006	4,790	46.50	5,110	25.00	2,480
2007	5,670	48.00	6,000	*	3,300
2008	5,800	55.00	7,100	*	3,700
<b>Northeast:</b>					
DE	9,900	75.00	9,400	*	*
MD	9,100	65.00	8,900	*	*
NJ	11,300	50.00	11,700	*	12,500
NY	2,400	44.00	2,220	*	1,200
<b>Lake States:</b>					
MI	4,150	80.00	3,700	*	2,800
MN	3,100	109.00	2,820	21.00	1,550
WI	4,070	85.00	3,810	43.00	2,250
<b>Corn Belt:</b>					
IL	5,000	160.00	5,320	40.00	2,800
IN	4,450	135.00	4,550	*	2,800
IA	4,000	165.00	4,310	42.00	2,100
OH	4,150	103.00	4,250	*	3,400
<b>Northern Plains:</b>					
ND	765	45.00	800	13.40	350
SD	990	-	1,500	15.90	500
Non-Irrigated		65.00	1,490	-	-
<b>Appalachian:</b>					
KY	3,000	82.00	3,260	*	2,700
NC	4,800	55.00	4,140	29.00	5,250
TN	3,650	65.00	3,600	22.00	4,100
VA	5,900	45.00	6,300	22.00	5,700
WV	2,700	31.00	4,100	*	2,100
<b>Southeast:</b>					
AL	3,500	41.00	3,900	19.00	2,700
SC	3,050	32.50	2,700	*	3,100
<b>Delta States:</b>					
LA	2,300	77.00	2,030	28.00	2,290
Irrigated	-	97.00	1,740	-	-
MS	2,230	87.00	1,940	19.50	2,360
Irrigated	-	103.00	2,120	-	-
<b>Southern Plains:</b>					
OK	1,150	-	1,110	10.00	1,000
Non-Irrigated	*	29.00	1,100	-	-
TX	1,690	32.00	1,640	8.70	1,610
Irrigated	-	55.00	1,830	-	-
<b>Pacific:</b>					
CA	6,500	-	9,960	15.00	3,050
Irrigated	-	360.00	12,400	-	-
OR	1,800	110.00	2,260	*	700
Irrigated	-	145.00	3,550	-	-
WA	2,090	-	1,890	*	800
Irrigated	-	230.00	4,350	-	-

\* Insufficient information. <sup>1</sup> Average value per acre of all land and buildings on farms.

# Crops



# Crop Production, 2007

By Brijette L. Robinson & Tyler D. Heep

**2007 Crop & Weather Summary:** The average monthly temperature for January was 35.2 degrees. January had 2.37 inches total rainfall. February's average temperature was 25.8 degrees, with 2.99 inches of rainfall. The average monthly temperature for March was 41.1 degrees, with rainfall of 3.63 inches. Farmers spent these winter months repairing machinery and fences, milking cows, spreading manure, and preparing for the crop season.

In April, the average temperature was 49.2 degrees. The reported precipitation was 3.31 inches. On average, 13 days were suitable for field work for the month. Producers were able to get 43 percent of the plowing finished by the month's end. Approximately 7 percent of the corn and 44% of the oats planting was finished in April. Pennsylvania had a warmer May, with an average temperature of 65.2 degrees. We also experienced dry weather throughout the month, only receiving 1.07 inches of rain. Twenty-two days were suitable for fieldwork for the month of May. Sixty-seven percent of the soybean acreage, 96% of the oats, and 88% of the potatoes had been planted by the end of the month. Producers were well into the first cutting of alfalfa hay and had a good start for timothy clover. June was much warmer than May, as the average temperature was 73.5 degrees, with 3.70 inches of rain. Transplanted tobacco was well above the 5-year average. Spring plowing had finished in the month of June. Most producers finished planting their corn, potatoes and soybean acreage during the month. As some farmers were completing the first cutting of alfalfa, others already had a good start on the second cutting.

The average July temperature was 75.0 degrees, with 4.22 inches of precipitation. Crop conditions, except for pastures, continued to do well throughout the month of July. The oat, apple and peach harvests had started by the end of the month. The barley harvest was completed, and nearly all of the wheat acreage was harvested during the month. The average corn height was above average by the end of the month. Warm weather continued into August, as the average temperature for the month was also 75.0 degrees. August had 5.84 inches of rain. Producers finished the oat harvest by the end of the month. Tobacco harvest was advancing faster than the previous year, but slower than the 5-year average. Potato harvest was progressing much slower than the average. Peach and apple harvests continued strong. Most producers were well on their way to completing their third cutting of alfalfa and second cutting of timothy clover by the end of August. Fall plowing had also begun and was 18% completed by the end of the month. September had an average temperature of 69.7 degrees, with 4.41 inches of rain. The main activities for the month were harvesting corn for both grain and silage. Wheat and barley planting started in September. By the end of the month, 8 percent of the soybeans were harvested and corn for grain harvest was 23 percent complete. The tobacco harvest was near completion by the end of the month, while producers also finished up the peach harvest. Producers neared the completion of the second cutting of timothy clover, and the fourth cutting of alfalfa was 54% completed.

October temperatures in 2007 averaged 62.0 degrees. The precipitation total for the month was 3.40 inches. Producers finished harvesting their corn for silage and continued

harvesting corn for grain with 51 percent of the state's acreage harvested by month's end. The potato harvest was completed by the end of the month. November had an average temperature of 42.8 degrees, with a precipitation total 2.58 inches. The barley and wheat planting was completed during this month. The apple harvest was finished by the middle of the month. Harvest of corn and soybeans at the middle of November were 87% and 88% completed respectively. At mid-November, producers had nearly wrapped up their fourth cutting of alfalfa. The month was also spent preparing equipment for the next growing season, as fall plowing was 85% complete at the middle of November. December had an average temperature of 34.7 degrees, with 5.11 inches of rain.

**Small Grains:** Production of winter wheat was 8,990,000 bushels, 2 percent above the previous year. There were 155,000 acres harvested in 2007, 5,000 more than in 2006. Yield was 58 bushels per acre in 2007, down from 59 bushels per acre in 2006. There were 4,480,000 bushels of oats produced in 2007, down 36 percent from the 2006. Harvested acreage was at 80,000 in 2007, down 30,000 acres from 2006. Yield was 56 bushels per acre for 2007, down 8 bushels from 2006. Barley production for 2007 was 3,066,000 bushels, down 18 percent from 2006. Harvested acreage was at 42,000, down 4,000 acres from 2006. Yield was 73 bushels per acre, down 8 bushels from 2006.

**Hay:** Production of all hay in 2007 was 4,200,000 tons, down 18 percent from 2006. 1,800,000 total acres were harvested in 2007, up 50,000 acres from 2006. Yield was 2.33 tons per acre, compared to 2.93 tons in 2006. Alfalfa hay production was 1,800,000 tons, up 20 percent from 2006's production. Alfalfa acreage harvested was 600,000, up 100,000 acres from 2006. Yield was 3.00 tons per acre, the same as in 2006. Other hay production was 2,400,000 tons, down 34 percent from 2006. Other hay acreage harvested was 1,200,000, down 50,000 acres from 2006. Yield was at 2.00 tons per acre, down 31 percent from the previous year. Haylage production for 2007 was 2,549,000 tons, down 13 percent from 2006. Haylage harvested acreage was 490,000 acres, up 10,000 acres from 2006. Haylage had an average yield of 5.20 tons per acre, down 0.90 tons per acres from 2006.

**Row Crops:** Corn for grain production was at 125,440,000 bushels, up 7 percent from 2006. Harvested acres amounted to 980,000 acres, up 20,000 acres from 2006. Yield was 128 bushels per acre, up 6 bushels from 2006. Corn for silage production was 6,765,000 tons, down 1 percent from 2006. Acres harvested totaled 410,000 acres, up 30,000 from 2006. Yield is 16.5 tons per acre, down 1.5 tons from 2006. Soybean production for 2007 was 17,220,000 bushels, up 1 percent from 2006. Harvested soybean acreage was at 420,000, down 5,000 acres from 2006. Yield was 41 bushels per acre, up 1 bushel from 2006. Potato production was at 2,200,000 cwt., down 19 percent from 2006. Potato acres harvested dropped 500 acres to 10,000 acres. Yield decreased to 220 cwt per acre, down 40 cwt from 2006. Total production of tobacco was 17,200,000 pounds, up 6 percent from 2006. There were 7900 acres harvested in 2007, unchanged from 2006. The all tobacco yield was 2,177 lbs. per acre, up 121 pounds from 2006.



Pennsylvania: Acreage, Yield, Production and Value of Grains, 1970-2007

Crop and Year	Acres		Production		Season Average Price Per Unit	Value of Production <sup>1</sup>
	Planted	Harvested	Per Acre	Total		
	1,000		Bushels	1,000 Bu.	\$/Bu.	1,000 Dols.
<i>Winter Wheat</i>						
1970	286	275	33.0	9,075	1.42	12,887
1980	260	250	37.0	9,250	4.10	37,925
1990	215	210	50.0	10,500	2.83	29,715
2000	200	195	53.0	10,335	2.19	22,634
2003	175	165	43.0	7,095	3.31	23,484
2004	140	135	49.0	6,615	3.40	22,491
2005	150	145	54.0	7,830	3.50	27,405
2006	160	150	59.0	8,850	3.52	31,152
2007	170	155	58.0	8,990	6.60	59,334
<i>Oats</i>						
1970	420	395	57.0	22,515	0.78	17,562
1980	360	340	56.0	19,040	2.13	40,555
1990	270	240	66.0	15,840	1.43	22,651
2000	175	145	57.0	8,265	1.45	11,984
2003	140	110	59.0	6,490	1.81	11,747
2004	130	110	55.0	6,050	1.89	11,435
2005	140	110	55.0	6,050	2.28	13,794
2006	135	110	64.0	7,040	2.07	14,573
2007	115	80	56.0	4,480	2.50	11,200
<i>Barley</i>						
1970	180	172	50.0	8,600	0.96	8,256
1980	80	75	50.0	3,750	2.89	10,838
1990	65	60	69.0	4,140	2.11	8,735
2000	80	75	71.0	5,325	1.51	8,041
2003	75	65	61.0	3,965	2.13	8,445
2004	65	55	62.0	3,410	2.20	7,502
2005	55	47	72.0	3,384	1.87	6,328
2006	55	46	81.0	3,726	1.77	6,595
2007	55	42	73.0	3,066	2.90	8,891
<i>Soybeans</i>						
1970	30	28	32.0	896	2.90	2,598
1980	135	130	24.5	3,185	7.60	24,206
1990	280	275	41.0	11,275	5.70	64,268
2000	390	385	43.0	16,555	4.37	72,345
2003	380	375	41.0	15,375	7.33	112,699
2004	430	425	46.0	19,550	5.43	106,157
2005	430	420	41.0	17,220	5.60	96,432
2006	430	425	40.0	17,000	6.25	106,250
2007	425	420	41.0	17,220	9.75	167,895
<i>Corn for Grain</i>						
1970	1,260	914	89.0	81,346	1.51	122,832
1980	1,800	1,280	75.0	96,000	3.62	347,520
1990	1,380	970	113.0	109,610	2.62	287,178
2000	1,550	1,080	127.0	137,160	2.09	286,664
2003	1,450	890	115.0	102,350	2.96	302,956
2004	1,400	980	140.0	137,200	2.25	308,700
2005	1,350	960	122.0	117,120	2.30	269,376
2006	1,350	960	122.0	117,120	3.54	414,605
2007	1,410	980	128.0	125,440	4.35	545,664
<i>Corn for Silage</i>						
			Tons	1,000 Tons	\$/Ton	
1970	-	318	15.5	4,929	10.50	51,755
1980	-	498	12.6	6,275	22.50	141,188
1990	-	390	16.0	6,240	23.40	146,016
2000	-	460	17.0	7,820	23.50	183,770
2003	-	550	14.5	7,975	26.30	209,743
2004	-	400	18.0	7,200	27.00	194,400
2005	-	380	18.0	6,840	27.00	184,680
2006	-	380	18.0	6,840	27.50	188,100
2007	-	410	16.5	6,765	33.00	223,245
<i>Sorghum</i> <sup>2</sup>						
			Bushels	1,000 Bu.	\$/Cwt.	
2000	13	4	80.0	320	3.20	573
2003	15	5	87.0	435	4.64	1,130
2004	12	4	83.0	332	4.16	773
2005	11	4	50.0	200	4.75	532
2006	13	5	66.0	330	5.86	1,083
2007	15	3	56.0	168	6.60	621

<sup>1</sup> Value of production based on final State marketing year average price for years prior to 2007; for 2007, based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS. <sup>2</sup> Estimates for Pennsylvania began in 2000.

Pennsylvania: Acreage, Yield, Production and Value of Hay and Haylage, 2001-2007

Crop and Year	Acres		Production		Season Average Price Per Unit	Value of Production <sup>1</sup>
	Planted	Harvested	Per Acre	Total		
	1,000		Tons	1,000 Tons	\$/Ton	1,000 Dols.
<b>Dry Baled Hay</b>						
Alfalfa Hay, Dry						
2001	-	670	2.50	1,675	131.00	219,425
2002	-	680	2.60	1,768	151.00	266,968
2003	-	550	3.00	1,650	156.00	257,400
2004	-	540	2.80	1,512	143.00	216,216
2005	-	510	2.60	1,326	153.00	202,878
2006	-	500	3.00	1,500	161.00	241,500
2007	-	600	3.00	1,800	180.00	324,000
Other Hay, Dry						
2001	-	980	1.80	1,764	103.00	181,692
2002	-	1,050	1.60	1,680	122.00	218,624
2003	-	1,100	2.20	2,420	123.00	297,660
2004	-	1,160	2.40	2,784	112.00	311,808
2005	-	1,090	1.90	2,071	125.00	258,875
2006	-	1,250	2.90	3,625	131.00	474,875
2007	-	1,200	2.00	2,400	166.00	398,400
All Hay, Dry						
2001	-	1,650	2.08	3,349	116.00	401,117
2002	-	1,730	1.99	3,448	134.00	485,592
2003	-	1,650	2.47	4,070	137.00	555,060
2004	-	1,700	2.53	4,296	122.00	528,024
2005	-	1,600	2.12	3,397	134.00	461,753
2006	-	1,750	2.93	5,125	136.00	716,375
2007	-	1,800	2.33	4,200	169.00	722,400
<b>Haylage &amp; Greenchop <sup>3</sup></b>						
Alfalfa Haylage & Greenchop						
2001	-	420	5.60	2,352	-	-
2002	-	320	5.80	1,855	-	-
2003	-	335	6.00	2,010	-	-
2004	-	295	6.70	1,977	-	-
2005	-	305	6.20	1,891	-	-
2006	-	320	6.40	2,048	-	-
2007	-	320	6.00	1,920	-	-
All Haylage & Greenchop						
2001	-	545	5.12	2,790	36.00	100,440
2002	-	470	5.22	2,455	39.00	95,745
2003	-	440	5.57	2,451	36.10	88,481
2004	-	440	6.11	2,688	38.60	103,757
2005	-	460	5.26	2,418	41.40	100,105
2006	-	480	6.10	2,928	41.20	120,634
2007	-	490	5.20	2,549	41.80	106,548
<b>Hay Forage <sup>2</sup></b>						
Alfalfa Hay Forage						
2001	-	980	2.90	2,838	-	-
2002	-	860	3.12	2,685	-	-
2003	-	765	3.46	2,644	-	-
2004	-	720	3.46	2,489	-	-
2005	-	710	3.18	2,261	-	-
2006	-	660	3.81	2,512	-	-
2007	-	745	3.69	2,749	-	-
All Hay Forage <sup>4</sup>						
2001	-	2,000	2.41	4,819	104.08	501,557
2002	-	1,950	2.39	4,662	124.70	581,337
2003	-	1,930	2.74	5,282	121.84	643,541
2004	-	1,980	2.84	5,624	112.34	631,781
2005	-	1,880	2.44	4,592	122.36	561,858
2006	-	2,000	3.29	6,572	126.81	833,384
2007	-	2,045	2.67	5,460	151.82	828,937

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> Forage production includes all forms of harvested hay on a dry equivalent basis. Several assumptions are made to convert haylage and greenchop to a dry equivalent. Haylage production is based on haylage weight at harvest and then converted to dry equivalent production. <sup>3</sup> Figures include only hay that was harvested as haylage or greenchop. Dry baled hay is not included. <sup>4</sup> All Forage is the sum of the following dry equivalents: a) alfalfa hay harvested as **dry hay**, b) all other hay harvested as **dry hay**, c) alfalfa haylage and greenchop, d) all other hay, haylage, and greenchop.

Pennsylvania: New Seedings of Alfalfa and Alfalfa Mixtures, 1997-2007

Year	Area Seeded 1,000 Acres	Year	Area Seeded 1,000 Acres
-	-	2002	110
1997	140	2003	100
1998	160	2004	120
1999	135	2005	100
2000	130	2006	110
2001	100	2007	100

Pennsylvania: Tillage Practices by Crop, 2008

Crop	Total Acres Planted	No-Till <sup>1</sup>		Other Conservation Tillage <sup>2</sup>		Conventional Till <sup>3</sup>	
		Acres	% of Total <sup>4</sup>	Acres	% of Total <sup>4</sup>	Acres	% of Total <sup>4</sup>
Corn	1,370,000	660,000	48	290,000	21	420,000	31
Soybeans	445,000	275,000	62	80,000	18	90,000	20
Barley	65,000	31,000	48	12,000	18	22,000	34
Winter Wheat <sup>5</sup>	195,000	95,000	49	40,000	21	60,000	31
Oats	105,000	30,000	29	18,000	17	57,000	54
<b>Total<sup>6</sup></b>	<b>2,180,000</b>	<b>1,091,000</b>	<b>50</b>	<b>440,000</b>	<b>20</b>	<b>649,000</b>	<b>30</b>
Alfalfa Seedings <sup>7/8</sup>	-	-	40	-	20	-	40

<sup>1</sup> No-Till – A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop, or the planting of a crop into sod, previous crop stubble, or a cover where only the intermediate seed zone is disturbed. <sup>2</sup> Other Conservation Tillage – Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge till, strip till, and mulch till. <sup>3</sup> Conventional Till – Systems where 100 percent of the surface is mixed or inverted by plowing, power tilling, or multiple disking. <sup>4</sup> Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding. <sup>5</sup> Wheat seeded the previous fall for all intended purposes including grain, cover, silage, hay or any other utilization. <sup>6</sup> Total excludes Alfalfa Seedings. <sup>7</sup> New alfalfa seeded or to be seeded during 2008. <sup>8</sup> Alfalfa seeded acres will be available in January 2009.

Pennsylvania: Grain and Hay Stocks By Positions, Quarterly, 2005-2007

Crop, Quarter	2005			2006			2007		
	Farm	Off-Farm	Total	Farm	Off-Farm	Total	Farm	Off-Farm	Total
	<i>1,000 Bushels</i>			<i>1,000 Bushels</i>			<i>1,000 Bushels</i>		
<b>Corn</b>									
March 1	55,000	8,365	63,365	52,000	6,952	58,952	35,000	7,238	42,238
June 1	37,000	5,617	42,617	30,000	4,739	34,739	21,000	4,683	25,683
September 1	14,000	3,261	17,261	12,500	2,031	14,531	10,000	1,798	11,798
December 1	65,000	8,832	73,832	61,000	8,287	69,287	75,000	10,779	85,779
<b>Oats</b>									
March 1	2,700	420	3,120	2,800	406	3,206	3,000	515	3,515
June 1	1,400	281	1,681	1,600	243	1,843	1,700	341	2,041
September 1	4,200	717	4,917	4,900	723	5,623	3,000	570	3,570
December 1	3,700	584	4,284	3,900	727	4,627	2,500	434	2,934
<b>All Wheat</b>									
March 1	*	6,296	*	*	5,285	*	*	7,077	*
June 1	*	4,084	*	*	4,773	*	*	5,609	*
September 1	*	7,348	*	*	6,460	*	*	8,865	*
December 1	*	6,647	*	*	7,985	*	*	6,155	*
<b>Barley</b>									
March 1	*	227	*	*	437	*	*	471	*
June 1	*	194	*	*	246	*	*	130	*
September 1	*	690	*	*	808	*	*	464	*
December 1	*	594	*	*	565	*	*	250	*
<b>Soybeans</b>									
March 1	*	2,747	*	*	2,151	*	*	3,143	*
June 1	*	1,983	*	*	1,320	*	*	2,568	*
September 1	*	846	*	*	779	*	*	1,383	*
December 1	*	2,942	*	*	3,219	*	*	3,672	*
	<i>1,000 Tons</i>			<i>1,000 Tons</i>			<i>1,000 Tons</i>		
<b>All Dry Hay</b>									
May 1	650	-	650	410	-	410	520	-	520
December 1	1,700	-	1,700	3,485	-	3,485	1,750	-	1,750

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites. \* Separate estimates for Pennsylvania not available.

Pennsylvania: Barley - Acreage, Yield, Production and Value, 2006, Revised <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	1,600	900	79.9	71,900	127,260
Armstrong	500	500	49.0	24,500	43,370
Bedford	1,100	900	65.7	59,100	104,610
Berks	4,600	4,200	87.2	366,300	648,350
Blair	800	700	84.3	59,000	104,430
Butler	700	600	59.0	35,400	62,660
Cambria	600	400	60.5	24,200	42,830
Chester	1,800	1,800	94.0	169,200	299,490
Cumberland	3,000	2,400	89.6	215,100	380,730
Dauphin	1,200	1,000	79.1	79,100	140,010
Franklin	5,000	4,400	88.7	390,300	690,830
Fulton	1,300	1,000	87.4	87,400	154,700
Indiana	800	700	51.0	35,700	63,190
Juniata	900	600	73.7	44,200	78,230
Lancaster	8,200	7,000	90.0	630,000	1,115,100
Lebanon	2,700	1,700	89.0	151,300	267,800
Lehigh	900	800	74.0	59,200	104,790
Mifflin	500	400	90.0	36,000	63,720
Northampton	500	400	74.0	29,600	52,390
Northumberland	1,800	1,700	75.1	127,700	226,030
Perry	1,600	1,200	78.4	94,100	166,560
Schuylkill	1,000	800	74.8	59,800	105,850
Snyder	500	500	50.0	25,000	44,250
Somerset	900	800	66.1	52,900	93,630
Union	600	500	89.0	44,500	78,770
York	6,000	5,300	83.2	441,200	780,920
North Central, Other Counties	1,100	900	58.9	53,000	93,810
West Central, Other Counties	900	700	59.9	41,900	74,160
Central, Other Counties	1,400	1,200	67.7	81,200	143,720
East Central, Other Counties	200	200	59.5	11,900	21,060
Southwestern, Other Counties	900	700	70.9	49,600	87,790
Southeastern, Other Counties	300	200	71.0	14,200	25,130
Other Counties	1,100	900	68.3	61,500	108,850
North Central	1,100	900	58.9	53,000	93,810
West Central	2,900	2,500	55.0	137,500	243,380
Central	9,900	8,200	75.0	615,000	1,088,550
East Central	2,600	2,200	73.0	160,500	284,090
Southwestern	1,800	1,500	68.3	102,500	181,420
South Central	18,000	14,900	84.9	1,265,000	2,239,050
Southeastern	17,600	14,900	89.3	1,331,000	2,355,870
Other districts	1,100	900	68.3	61,500	108,850
<b>Pennsylvania</b>	<b>55,000</b>	<b>46,000</b>	<b>81.0</b>	<b>3,726,000</b>	<b>6,595,020</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price.

Pennsylvania: Barley - Acreage, Yield, Production and Value, 2007 <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	2,200	1,500	84.0	126,000	365,400
Armstrong	500	400	51.8	20,700	60,030
Bedford	1,500	800	63.0	50,400	146,160
Berks	4,400	3,200	77.2	247,000	716,300
Blair	800	600	80.7	48,400	140,360
Butler	500	400	51.5	20,600	59,740
Cambria	500	400	52.8	21,100	61,190
Chester	1,900	1,800	87.2	156,900	455,010
Cumberland	3,200	2,300	71.1	163,500	474,150
Dauphin	1,000	900	77.8	70,000	203,000
Franklin	6,300	5,100	82.0	418,200	1,212,780
Fulton	1,600	1,000	57.0	57,000	165,300
Indiana	700	600	47.0	28,200	81,780
Juniata	800	600	60.2	36,100	104,690
Lancaster	7,700	5,900	73.6	434,000	1,258,600
Lebanon	2,300	1,300	79.8	103,700	300,730
Lehigh	600	500	74.2	37,100	107,590
Northumberland	1,600	1,300	60.8	79,000	229,100
Perry	1,400	1,100	73.3	80,600	233,740
Schuylkill	800	700	70.9	49,600	143,840
Somerset	1,200	700	63.0	44,100	127,890
Westmoreland	500	400	55.0	22,000	63,800
York	6,600	5,300	83.0	439,900	1,275,710
North Central, Other Counties	1,100	800	50.0	40,000	116,000
West Central, Other Counties	800	700	60.0	42,000	121,800
Central, Other Counties	2,200	1,900	66.5	126,300	366,270
East Central, Other Counties	500	400	63.3	25,300	73,370
Southwestern, Other Counties	400	300	59.7	17,900	51,910
Southeastern, Other Counties	300	200	72.0	14,400	41,760
Other counties	1,100	900	51.1	46,000	133,400
North Central	1,100	800	50.0	40,000	116,000
West Central	2,500	2,100	53.1	111,500	323,350
Central	8,300	6,800	67.9	461,500	1,338,350
East Central	1,900	1,600	70.0	112,000	324,800
Southwestern	2,100	1,400	60.0	84,000	243,600
South Central	21,400	16,000	78.4	1,255,000	3,639,500
Southeastern	16,600	12,400	77.1	956,000	2,772,400
Other districts	1,100	900	51.1	46,000	133,400
<b>Pennsylvania</b>	<b>55,000</b>	<b>42,000</b>	<b>73.0</b>	<b>3,066,000</b>	<b>8,891,400</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.

Pennsylvania: Corn for Grain - Acreage, Yield, Production and Value, 2006, Revised <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	29,500	25,900	96.0	2,487,000	8,803,980
Allegheny	1,500	700	90.0	63,000	223,020
Armstrong	13,700	10,500	105.0	1,103,000	3,904,620
Beaver	4,700	3,700	115.1	426,000	1,508,040
Bedford	35,800	22,500	100.0	2,250,000	7,965,000
Berks	53,400	44,000	130.0	5,720,000	20,248,800
Blair	32,900	19,400	140.7	2,730,000	9,664,200
Bradford	28,700	16,000	124.0	1,984,000	7,023,360
Bucks	15,000	13,000	98.0	1,274,000	4,509,960
Butler	18,300	14,500	115.7	1,677,000	5,936,580
Cambria	12,200	9,300	118.1	1,098,000	3,886,920
Cameron	300	200	140.0	28,000	99,120
Carbon	3,000	2,600	79.2	206,000	729,240
Centre	27,900	21,300	120.0	2,556,000	9,048,240
Chester	36,500	25,000	160.0	4,000,000	14,160,000
Clarion	11,200	7,600	132.9	1,010,000	3,575,400
Clearfield	4,600	3,600	110.0	396,000	1,401,840
Clinton	10,600	7,900	118.0	932,000	3,299,280
Columbia	18,100	16,600	115.0	1,909,000	6,757,860
Crawford	29,500	22,000	110.0	2,420,000	8,566,800
Cumberland	41,500	30,800	109.0	3,357,000	11,883,780
Dauphin	20,300	19,000	125.0	2,375,000	8,407,500
Delaware	1,000	800	140.0	112,000	396,480
Elk	1,300	800	127.5	102,000	361,080
Erie	25,000	18,500	122.0	2,257,000	7,989,780
Fayette	10,500	8,200	104.0	853,000	3,019,620
Forest	700	600	116.7	70,000	247,800
Franklin	71,700	45,000	118.0	5,310,000	18,797,400
Fulton	16,100	9,400	81.0	761,000	2,693,940
Greene	1,400	700	80.0	56,000	198,240
Huntingdon	28,900	19,900	110.0	2,189,000	7,749,060
Indiana	23,300	18,900	118.0	2,230,000	7,894,200
Jefferson	7,400	4,800	127.1	610,000	2,159,400
Juniata	21,100	16,000	106.0	1,696,000	6,003,840
Lackawanna	1,800	600	103.3	62,000	219,480
Lancaster	172,500	86,000	160.0	13,760,000	48,710,400
Lawrence	15,400	12,000	126.0	1,512,000	5,352,480
Lebanon	45,200	29,700	141.8	4,211,000	14,906,940
Lehigh	25,000	22,100	107.0	2,364,000	8,368,560
Luzerne	8,700	6,300	101.0	636,000	2,251,440
Lycoming	24,300	17,100	130.3	2,228,000	7,887,120
McKean	1,800	1,000	124.0	124,000	438,960
Mercer	38,000	27,500	109.6	3,014,000	10,669,560
Mifflin	20,500	13,900	139.0	1,932,000	6,839,280
Monroe	3,000	2,600	89.2	232,000	821,280
Montgomery	11,400	8,500	159.1	1,352,000	4,786,080
Montour	7,100	6,100	110.0	671,000	2,375,340
Northampton	29,400	26,200	128.3	3,361,000	11,897,940
Northumberland	34,500	31,000	122.0	3,782,000	13,388,280
Perry	23,800	17,000	100.0	1,700,000	6,018,000
Pike	1,200	1,000	114.0	114,000	403,560
Potter	7,400	5,100	134.9	688,000	2,435,520
Schuylkill	19,700	18,200	115.0	2,093,000	7,409,220
Snyder	15,700	12,800	109.1	1,396,000	4,941,840
Somerset	27,600	14,400	107.0	1,541,000	5,455,140
Sullivan	3,400	2,900	112.1	325,000	1,150,500
Susquehanna	6,200	2,800	82.1	230,000	814,200
Tioga	14,200	4,000	116.0	464,000	1,642,560
Union	11,400	9,100	126.9	1,155,000	4,088,700
Venango	7,200	5,600	110.0	616,000	2,180,640
Warren	5,600	3,800	115.0	437,000	1,546,980
Washington	8,500	5,400	125.9	680,000	2,407,200
Wayne	2,400	700	80.0	56,000	198,240
Westmoreland	19,500	15,600	104.0	1,622,000	5,741,880
Wyoming	6,600	4,900	98.0	480,000	1,699,200
York	73,400	66,400	121.0	8,035,000	28,443,900
Northwestern	106,000	78,000	113.0	8,814,000	31,201,560
North Central	92,000	55,000	125.0	6,875,000	24,337,500
Northeastern	17,000	9,000	92.0	828,000	2,931,120
West Central	94,000	72,000	119.0	8,568,000	30,330,720
Central	279,000	215,000	119.0	25,585,000	90,570,900
East Central	90,000	79,000	114.0	9,006,000	31,881,240
Southwestern	69,000	45,000	107.0	4,815,000	17,045,100
South Central	268,000	200,000	111.0	22,200,000	78,588,000
Southeastern	335,000	207,000	147.0	30,429,000	107,718,660
<b>Pennsylvania</b>	<b>1,350,000</b>	<b>960,000</b>	<b>122.0</b>	<b>117,120,000</b>	<b>414,604,800</b>

<sup>1</sup> A district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price.



Pennsylvania: Corn for Grain - Acreage, Yield, Production and Value, 2007 <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	28,600	22,000	79.0	1,738,000	7,560,300
Allegheny	1,500	900	129.0	116,100	505,035
Armstrong	14,000	10,300	126.0	1,297,800	5,645,430
Beaver	4,900	3,400	124.0	421,600	1,833,960
Bedford	30,200	17,000	127.0	2,159,000	9,391,650
Berks	55,900	37,300	130.0	4,849,000	21,093,150
Blair	33,000	19,000	139.0	2,641,000	11,488,350
Bradford	31,500	15,500	119.0	1,844,500	8,023,575
Bucks	16,500	14,000	119.0	1,666,000	7,247,100
Butler	18,000	14,500	126.0	1,826,900	7,947,015
Cambria	12,600	9,500	135.0	1,282,500	5,578,875
Cameron	300	200	141.0	28,200	122,670
Carbon	2,900	2,400	108.0	259,200	1,127,520
Centre	30,900	21,500	119.0	2,558,500	11,129,475
Chester	40,700	30,000	169.0	5,070,000	22,054,500
Clarion	11,400	7,500	120.0	900,000	3,915,000
Clearfield	5,400	4,000	108.0	432,000	1,879,200
Clinton	9,500	5,700	109.0	621,300	2,702,655
Columbia	21,500	18,800	123.0	2,312,400	10,058,940
Crawford	35,700	25,000	143.0	3,575,100	15,551,685
Cumberland	43,100	30,000	109.0	3,270,000	14,224,500
Dauphin	21,000	19,000	106.0	2,014,000	8,760,900
Delaware	1,000	700	166.0	116,200	505,470
Elk	1,300	800	94.0	75,200	327,120
Erie	26,000	19,700	133.0	2,620,100	11,397,435
Fayette	11,000	8,300	123.0	1,020,900	4,440,915
Forest	700	500	109.0	54,500	237,075
Franklin	74,000	38,000	106.0	4,028,000	17,521,800
Fulton	14,100	7,000	96.0	672,000	2,923,200
Greene	1,400	800	92.0	73,600	320,160
Huntingdon	31,000	18,000	122.0	2,196,000	9,552,600
Indiana	24,100	18,800	133.0	2,500,300	10,876,305
Jefferson	7,600	4,900	141.0	690,900	3,005,415
Juniata	21,600	14,200	100.0	1,420,000	6,177,000
Lackawanna	1,500	700	140.0	98,000	426,300
Lancaster	177,200	106,000	159.0	16,853,800	73,314,030
Lawrence	17,000	12,600	131.0	1,650,500	7,179,675
Lebanon	49,400	33,000	160.0	5,280,000	22,968,000
Lehigh	21,800	20,000	136.0	2,720,000	11,832,000
Luzerne	8,700	6,600	122.0	805,200	3,502,620
Lycoming	24,000	17,500	118.0	2,065,000	8,982,750
McKean	1,600	800	121.0	96,800	421,080
Mercer	39,200	28,300	126.0	3,565,800	15,511,230
Mifflin	20,100	13,000	138.0	1,794,000	7,803,900
Monroe	3,100	2,800	109.0	305,200	1,327,620
Montgomery	10,300	7,000	150.0	1,050,000	4,567,500
Montour	7,100	6,000	111.0	666,000	2,897,100
Northampton	30,500	27,000	136.0	3,672,000	15,973,200
Northumberland	38,200	34,000	102.0	3,467,600	15,084,060
Perry	25,000	18,000	94.0	1,692,000	7,360,200
Pike	1,200	1,000	132.0	132,000	574,200
Potter	7,000	4,000	110.0	440,000	1,914,000
Schuylkill	21,800	18,200	102.0	1,856,400	8,075,340
Snyder	18,100	13,000	80.0	1,040,000	4,524,000
Somerset	28,000	14,600	140.0	2,044,000	8,891,400
Sullivan	3,000	2,500	134.0	335,000	1,457,250
Susquehanna	6,400	2,500	106.0	264,900	1,152,315
Tioga	13,800	5,000	126.0	630,000	2,740,500
Union	14,500	10,000	90.0	900,000	3,915,000
Venango	7,600	5,500	115.0	632,500	2,751,375
Warren	5,800	4,000	127.0	508,000	2,209,800
Washington	7,100	4,000	120.0	480,000	2,088,000
Wayne	2,400	800	108.0	86,400	375,840
Westmoreland	21,000	16,400	129.0	2,115,400	9,201,990
Wyoming	6,700	5,000	100.9	504,700	2,195,445
York	88,000	81,000	140.0	11,338,000	49,320,300
<b>Northwestern</b>	<b>115,000</b>	<b>83,000</b>	<b>132.0</b>	<b>10,956,000</b>	<b>47,658,600</b>
<b>North Central</b>	<b>92,000</b>	<b>52,000</b>	<b>118.0</b>	<b>6,136,000</b>	<b>26,691,600</b>
<b>Northeastern</b>	<b>17,000</b>	<b>9,000</b>	<b>106.0</b>	<b>954,000</b>	<b>4,149,900</b>
<b>West Central</b>	<b>97,000</b>	<b>72,000</b>	<b>129.0</b>	<b>9,288,000</b>	<b>40,402,800</b>
<b>Central</b>	<b>300,000</b>	<b>218,000</b>	<b>112.0</b>	<b>24,416,000</b>	<b>106,209,600</b>
<b>East Central</b>	<b>90,000</b>	<b>78,000</b>	<b>125.0</b>	<b>9,750,000</b>	<b>42,412,500</b>
<b>Southwestern</b>	<b>70,000</b>	<b>45,000</b>	<b>130.0</b>	<b>5,850,000</b>	<b>25,447,500</b>
<b>South Central</b>	<b>278,000</b>	<b>195,000</b>	<b>119.0</b>	<b>23,205,000</b>	<b>100,941,750</b>
<b>Southeastern</b>	<b>351,000</b>	<b>228,000</b>	<b>153.0</b>	<b>34,885,000</b>	<b>151,749,750</b>
<b>Pennsylvania</b>	<b>1,410,000</b>	<b>980,000</b>	<b>128.0</b>	<b>125,440,000</b>	<b>545,664,000</b>

<sup>1</sup> A district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.

**Pennsylvania: Corn for Silage - Acreage, Yield, Production and Value, 2006-2007 <sup>1</sup>**

County & District	2006				2007			
	Harvested for Silage	Yield Per Acre	Production	Value of Production	Harvested for Silage	Yield Per Acre	Production	Value of Production
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
Adams	3,600	16.5	59,500	1,636,200	6,500	13.5	87,800	2,897,400
Allegheny	800	13.0	10,400	286,000	500	12.6	6,300	207,900
Armstrong	2,900	15.0	43,500	1,196,300	3,500	15.0	52,500	1,732,500
Beaver	1,000	15.8	15,800	434,600	1,400	16.7	23,400	772,200
Bedford	13,300	18.0	239,200	6,578,000	13,000	18.5	240,500	7,936,500
Berks	9,200	19.0	174,800	4,807,000	17,900	19.0	340,100	11,223,300
Blair	13,000	19.5	253,500	6,971,200	13,500	18.0	242,800	8,012,400
Bradford	12,700	15.0	190,500	5,238,800	15,700	12.3	193,100	6,372,300
Bucks	1,700	18.5	31,500	866,300	2,300	18.5	42,600	1,405,800
Butler	3,800	16.1	61,200	1,683,000	3,400	14.0	47,600	1,570,800
Cambria	2,900	15.2	44,100	1,212,700	3,000	16.5	49,500	1,633,500
Cameron	100	16.0	1,600	44,000	100	14.0	1,400	46,200
Carbon	300	13.3	4,000	110,000	400	16.0	6,400	211,200
Centre	6,400	17.0	108,800	2,992,000	9,200	16.5	151,800	5,009,400
Chester	11,400	22.0	250,800	6,897,000	10,400	20.0	208,400	6,877,200
Clarion	3,200	17.6	56,300	1,548,300	3,500	16.0	56,000	1,848,000
Clearfield	1,000	15.0	15,000	412,600	1,200	15.0	18,000	594,000
Clinton	2,700	17.5	47,300	1,300,800	3,400	12.3	41,800	1,379,400
Columbia	1,200	16.5	19,800	544,500	2,000	18.0	36,000	1,188,000
Crawford	7,000	17.0	119,000	3,272,500	9,500	17.1	162,500	5,362,500
Cumberland	10,700	17.5	187,000	5,142,500	12,800	15.0	192,000	6,336,000
Dauphin	1,300	17.0	22,100	607,800	1,700	17.5	29,800	983,400
Delaware	200	19.0	3,800	104,500	200	18.0	3,600	118,800
Elk	500	12.4	6,200	170,500	500	12.4	6,200	204,600
Erie	5,600	15.5	86,800	2,387,000	6,000	15.0	90,000	2,970,000
Fayette	2,000	14.0	28,000	770,000	2,300	15.0	34,500	1,138,500
Forest	100	17.0	1,700	46,800	200	16.0	3,200	105,600
Franklin	26,700	17.5	467,300	12,850,700	35,400	15.0	532,700	17,579,100
Fulton	6,700	15.0	100,500	2,763,800	6,500	14.5	94,500	3,118,500
Greene	700	16.6	11,600	319,000	600	15.0	9,000	297,000
Huntingdon	8,500	18.0	153,000	4,207,500	12,500	14.4	180,000	5,940,000
Indiana	4,100	17.7	72,500	1,993,700	4,600	15.3	70,500	2,326,500
Jefferson	2,600	17.5	45,500	1,251,200	2,600	15.0	39,000	1,287,000
Juniata	5,100	13.2	67,300	1,850,800	7,000	14.0	98,000	3,234,000
Lackawanna	1,200	15.0	18,000	495,000	800	17.8	14,200	468,600
Lancaster	86,300	21.0	1,814,700	49,904,200	69,000	20.0	1,380,500	45,556,500
Lawrence	3,400	18.9	64,300	1,768,200	4,000	14.0	56,000	1,848,000
Lebanon	15,400	19.0	292,600	8,046,500	16,000	18.3	292,800	9,662,400
Lehigh	2,200	16.6	36,500	1,003,700	1,700	19.0	32,300	1,065,900
Luzerne	2,100	12.2	25,600	704,000	2,000	14.4	28,800	950,400
Lycoming	7,200	16.6	119,500	3,286,300	6,500	12.4	80,600	2,659,800
McKean	800	14.4	11,500	316,300	800	16.0	12,800	422,400
Mercer	9,900	17.3	171,300	4,710,600	10,000	15.6	155,600	5,134,800
Mifflin	6,600	19.5	128,700	3,539,200	6,700	16.0	107,200	3,537,600
Monroe	300	11.7	3,500	96,300	300	14.3	4,300	141,900
Montgomery	2,800	18.5	51,800	1,424,500	3,200	17.2	54,900	1,811,700
Montour	1,000	19.0	19,000	522,500	1,100	14.2	15,600	514,800
Northampton	2,600	17.4	45,200	1,243,000	3,000	17.0	51,000	1,683,000
Northumberland	3,000	17.5	52,500	1,443,700	4,000	12.5	50,000	1,650,000
Perry	6,800	14.0	95,200	2,618,000	6,900	16.0	110,400	3,643,200
Pike	200	16.0	3,200	88,000	200	16.5	3,300	108,900
Potter	2,300	16.4	37,700	1,036,600	2,500	16.4	41,000	1,353,000
Schuylkill	1,300	18.6	24,200	665,500	3,400	14.7	49,900	1,646,700
Snyder	2,900	14.5	42,100	1,157,700	5,000	11.5	57,500	1,897,500
Somerset	12,400	16.0	198,600	5,461,500	12,500	14.8	185,600	6,124,800
Sullivan	500	14.4	7,200	198,000	500	13.4	6,700	221,100
Susquehanna	3,400	15.1	51,400	1,413,500	3,900	16.9	65,900	2,174,700
Tioga	10,200	14.9	152,000	4,180,000	8,000	14.8	118,000	3,894,000
Union	2,300	17.0	39,100	1,075,300	4,200	13.0	54,600	1,801,800
Venango	1,600	16.0	25,600	704,000	1,500	15.5	23,200	765,600
Warren	1,800	18.0	32,400	891,000	1,800	16.4	29,500	973,500
Washington	2,900	16.0	46,400	1,276,000	3,000	14.0	42,000	1,386,000
Wayne	1,700	16.9	28,800	792,000	1,600	20.0	32,000	1,056,000
Westmoreland	3,200	13.0	41,600	1,144,000	4,100	16.5	67,600	2,230,800
Wyoming	1,700	13.8	23,400	643,500	1,700	14.1	23,900	788,700
York	7,000	19.5	136,500	3,753,800	6,800	18.5	125,800	4,151,400
Northwestern	26,000	16.8	436,800	12,011,900	29,000	16.0	464,000	15,312,000
North Central	37,000	15.5	573,500	15,771,300	38,000	13.2	501,600	16,552,800
Northeastern	8,000	15.2	121,600	3,344,000	8,000	17.0	136,000	4,488,000
West Central	21,000	17.1	359,100	9,875,300	23,000	15.0	345,000	11,385,000
Central	62,000	17.1	1,060,200	29,155,500	78,000	15.4	1,201,200	39,639,600
East Central	9,000	15.8	142,200	3,910,500	11,000	16.0	176,000	5,808,000
Southwestern	22,000	15.3	336,600	9,256,500	23,000	15.0	345,000	11,385,000
South Central	68,000	17.5	1,190,000	32,725,000	81,000	15.7	1,273,300	42,018,900
Southeastern	127,000	20.6	2,620,000	72,050,000	119,000	19.5	2,322,900	76,655,700
<b>Pennsylvania</b>	<b>380,000</b>	<b>18.0</b>	<b>6,840,000</b>	<b>188,100,000</b>	<b>410,000</b>	<b>16.5</b>	<b>6,765,000</b>	<b>223,245,000</b>

<sup>1</sup> The district map and county listing can be found on the inside back cover of this publication.

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**Pennsylvania: Dry Alfalfa Hay - Acreage, Yield, Production and Value, 2006-2007 <sup>1</sup>**

County & District	2006				2007			
	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>3</sup>
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
Adams	3,800	4.00	15,200	2,447,200	7,000	2.93	20,500	3,690,000
Allegheny	1,800	2.28	4,100	660,100	2,500	2.48	6,200	1,116,000
Armstrong	12,100	3.20	38,700	6,230,700	15,500	2.38	36,900	6,642,000
Beaver	7,100	2.90	20,600	3,316,600	7,500	2.99	22,400	4,032,000
Bedford	16,800	3.30	55,400	8,919,400	20,000	2.48	49,600	8,928,000
Berks	16,500	3.50	57,750	9,305,800	20,500	2.87	58,800	10,584,000
Blair	7,300	3.00	21,900	3,525,900	10,300	2.80	28,800	5,184,000
Bradford	15,600	2.80	43,700	7,035,700	20,000	2.56	51,100	9,198,000
Bucks	1,500	3.60	5,400	869,400	1,800	3.56	6,400	1,152,000
Butler	15,600	2.80	43,700	7,035,700	18,800	3.70	69,600	12,528,000
Cambria	7,900	2.41	19,000	3,059,000	11,000	2.86	31,500	5,670,000
Cameron	200	2.00	400	64,400	200	3.00	600	108,000
Carbon	900	2.56	2,300	370,300	1,200	2.33	2,800	504,000
Centre	12,700	2.90	36,800	5,924,800	13,600	2.24	30,500	5,490,000
Chester	11,500	3.20	36,800	5,924,800	14,000	4.02	56,300	10,134,000
Clarion	8,200	2.90	23,800	3,831,800	9,800	2.32	22,700	4,086,000
Clearfield	6,400	2.59	16,600	2,672,600	7,600	2.79	21,200	3,816,000
Clinton	4,800	2.50	12,000	1,932,000	5,600	2.50	14,000	2,520,000
Columbia	4,500	2.60	11,700	1,883,700	5,500	2.42	13,300	2,394,000
Crawford	12,600	2.60	32,700	5,264,700	16,500	3.08	50,800	9,144,000
Cumberland	10,300	3.30	34,000	5,474,000	14,000	3.01	42,100	7,578,000
Dauphin	4,200	2.90	12,200	1,964,200	5,600	2.54	14,200	2,556,000
Delaware	100	3.00	300	48,300	100	4.00	400	72,000
Elk	1,500	2.00	3,000	483,000	1,700	2.24	3,800	684,000
Erie	5,000	2.88	14,400	2,318,400	6,400	3.45	22,100	3,978,000
Fayette	10,500	2.79	29,300	4,717,300	13,000	2.02	26,300	4,734,000
Forest	400	2.50	1,000	161,000	500	2.40	1,200	216,000
Franklin	18,000	2.84	51,200	8,243,200	17,000	3.28	55,800	10,044,000
Fulton	4,700	3.11	14,600	2,350,600	7,000	3.21	22,500	4,050,000
Greene	4,200	2.31	9,700	1,561,700	7,500	2.48	18,600	3,348,000
Huntingdon	8,300	3.20	26,600	4,282,600	11,000	3.36	37,000	6,660,000
Indiana	14,500	2.70	39,200	6,311,200	17,500	2.79	48,900	8,802,000
Jefferson	10,300	2.90	29,900	4,813,900	12,500	2.38	29,800	5,364,000
Juniata	8,500	3.20	27,200	4,379,200	8,500	3.01	25,600	4,608,000
Lackawanna	1,300	2.31	3,000	483,000	1,500	2.33	3,500	630,000
Lancaster	38,800	4.16	161,600	26,017,600	45,500	4.21	191,700	34,506,000
Lawrence	7,200	3.00	21,600	3,477,600	8,400	2.94	24,700	4,446,000
Lebanon	5,800	3.50	20,300	3,268,300	5,800	3.40	19,700	3,546,000
Lehigh	5,000	3.40	17,000	2,737,000	6,200	4.61	28,600	5,148,000
Luzerne	3,900	2.90	11,300	1,819,300	4,000	2.63	10,500	1,890,000
Lycoming	12,500	2.40	30,000	4,830,000	13,000	2.72	35,300	6,354,000
McKean	2,300	2.00	4,600	740,600	2,700	2.70	7,300	1,314,000
Mercer	13,300	2.99	39,800	6,407,800	14,000	4.66	65,300	11,754,000
Mifflin	8,800	3.50	30,800	4,958,800	9,500	2.75	26,100	4,698,000
Monroe	600	3.17	1,900	305,900	700	3.29	2,300	414,000
Montgomery	1,800	3.78	6,800	1,094,800	2,300	2.48	5,700	1,026,000
Montour	1,900	2.79	5,300	853,300	2,200	2.32	5,100	918,000
Northampton	5,500	3.11	17,100	2,753,100	5,500	3.18	17,500	3,150,000
Northumberland	4,500	3.29	14,800	2,382,800	4,500	2.20	9,900	1,782,000
Perry	4,600	3.20	14,700	2,366,700	6,500	3.37	21,900	3,942,000
Pike	300	2.00	600	96,600	400	2.25	900	162,000
Potter	4,500	2.80	12,600	2,028,600	5,300	4.09	21,700	3,906,000
Schuylkill	3,800	3.11	11,800	1,899,800	5,000	2.48	12,400	2,232,000
Snyder	6,100	3.30	20,100	3,236,100	7,300	2.60	19,000	3,420,000
Somerset	13,000	2.50	32,500	5,232,500	15,800	2.93	46,300	8,334,000
Sullivan	1,800	2.50	4,500	724,500	2,100	2.00	4,200	756,000
Susquehanna	6,600	2.36	15,600	2,511,600	7,600	2.37	18,000	3,240,000
Tioga	13,800	2.30	31,700	5,103,700	15,400	2.08	32,000	5,760,000
Union	6,300	2.90	18,300	2,946,300	5,900	2.02	11,900	2,142,000
Venango	3,400	2.41	8,200	1,320,200	4,100	2.88	11,800	2,124,000
Warren	2,300	3.22	7,400	1,191,400	3,500	2.51	8,800	1,584,000
Washington	20,000	2.50	50,000	8,050,000	25,200	2.96	74,600	13,428,000
Wayne	1,400	2.79	3,900	627,900	1,900	2.32	4,400	792,000
Westmoreland	15,500	2.80	43,400	6,987,400	18,000	2.67	48,000	8,640,000
Wyoming	3,700	2.70	10,000	1,610,000	4,000	2.28	9,100	1,638,000
York	11,400	3.30	37,600	6,053,600	15,000	3.97	59,500	10,710,000
Northwestern	37,000	2.80	103,500	16,663,500	45,000	3.56	160,000	28,800,000
North Central	57,000	2.50	142,500	22,942,500	66,000	2.58	170,000	30,600,000
Northeastern	13,000	2.50	32,500	5,232,500	15,000	2.33	35,000	6,300,000
West Central	75,000	2.90	217,500	35,017,500	90,000	2.83	255,000	45,900,000
Central	92,000	3.00	276,000	44,436,000	109,000	2.72	296,000	53,280,000
East Central	20,000	3.10	62,000	9,982,000	23,000	3.26	75,000	13,500,000
Southwestern	65,000	2.60	169,000	27,209,000	82,000	2.68	220,000	39,600,000
South Central	65,000	3.20	208,000	33,488,000	80,000	3.13	250,000	45,000,000
Southeastern	76,000	3.80	289,000	46,529,000	90,000	3.77	339,000	61,020,000
<b>Pennsylvania</b>	<b>500,000</b>	<b>3.00</b>	<b>1,500,000</b>	<b>241,500,000</b>	<b>600,000</b>	<b>3.00</b>	<b>1,800,000</b>	<b>324,000,000</b>

<sup>1</sup> The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.

**Pennsylvania: Dry Other Hay – Acreage, Yield, Production and Value, 2006-2007 <sup>1</sup>**

County & District	2006				2007			
	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>3</sup>
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
Adams	37.200	3.20	119.000	15,589,000	37.000	1.68	62.000	10,292,000
Allegheny	6.300	2.90	18.300	2,397,300	5.700	1.84	10.500	1,743,000
Armstrong	26.900	3.38	90.800	11,894,800	24.500	1.61	39.500	6,557,000
Beaver	9.400	3.20	30.100	3,943,100	9.500	1.67	15.900	2,639,400
Bedford	30.700	2.90	89.000	11,659,000	30.000	1.75	52.400	8,698,400
Berks	26.500	2.90	76.800	10,060,800	24.500	2.39	58.500	9,711,000
Blair	13.200	3.30	43.600	5,711,600	10.700	2.66	28.500	4,731,000
Bradford	78.400	2.70	211.700	27,732,700	76.000	1.38	105.200	17,463,200
Bucks	14.500	2.80	40.600	5,318,600	14.700	1.61	23.600	3,917,600
Butler	24.900	3.30	82.200	10,768,200	22.200	2.09	46.500	7,719,000
Cambria	11.600	3.20	37.100	4,860,100	9.000	1.71	15.400	2,556,400
Cameron	600	2.00	1,200	157,200	600	1.50	900	149,400
Carbon	4.100	2.78	11.400	1,493,400	4,300	3.02	13,000	2,158,000
Centre	18.800	2.90	54.500	7,139,500	19.400	2.55	49.400	8,200,400
Chester	30.000	2.91	87.400	11,449,400	29,000	2.48	71.900	11,935,400
Clarion	24.300	3.20	77.800	10,191,800	23.700	1.95	46.200	7,669,200
Clearfield	14.100	3.10	43.700	5,724,700	13,400	2.41	32.300	5,361,800
Clinton	5.500	2.60	14.300	1,873,300	4.900	1.80	8.800	1,460,800
Columbia	11.000	3.20	35.200	4,611,200	10.500	1.71	18.000	2,988,000
Crawford	38.400	2.80	107.500	14,082,500	34.700	2.01	69.800	11,586,800
Cumberland	21.200	3.00	63.600	8,331,600	19.800	2.02	39.900	6,623,400
Dauphin	18.300	3.20	58.600	7,676,600	17.400	1.86	32.300	5,361,800
Delaware	400	2.75	1,100	144,100	400	2.25	900	149,400
Elk	4.500	2.31	10.400	1,362,400	4,600	1.85	8,500	1,411,000
Erie	21.000	2.60	54.600	7,152,600	19,700	2.54	50,000	8,300,000
Fayette	28.000	2.80	78.300	10,257,300	25,700	1.77	45,600	7,569,600
Forest	1.400	1.93	2.700	353,700	1,300	2.31	3,000	498,000
Franklin	32.000	3.04	97.300	12,746,300	37,000	2.28	84,300	13,993,800
Fulton	18.300	2.80	51.200	6,707,200	18,200	1.56	28,400	4,714,400
Greene	37.000	2.50	92.400	12,104,400	34,000	1.97	67,000	11,122,000
Huntingdon	19.200	3.40	65.300	8,554,300	17,000	2.37	40,300	6,689,800
Indiana	18.000	3.20	57.600	7,545,600	16,000	1.82	29,100	4,830,600
Jefferson	18.000	2.70	48.600	6,366,600	16,500	1.71	28,200	4,681,200
Juniata	9.000	3.40	30.600	4,008,600	9,500	2.26	21,500	3,569,000
Lackawanna	9.900	2.60	25.700	3,366,700	10,000	1.73	17,300	2,871,800
Lancaster	32.400	3.00	97.300	12,746,300	28,000	3.35	93,800	15,570,800
Lawrence	8.500	3.40	28.900	3,785,900	8,600	2.21	19,000	3,154,000
Lebanon	11.200	2.90	32.500	4,257,500	12,200	2.62	32,000	5,312,000
Lehigh	7.500	3.31	24.800	3,248,800	6,500	2.06	13,400	2,224,400
Luzerne	8.700	2.70	23.500	3,078,500	8,700	2.62	22,800	3,784,800
Lycoming	16.500	2.39	39.500	5,174,500	16,500	1.62	26,800	4,448,800
McKean	9.100	2.49	22.700	2,973,700	8,800	1.72	15,100	2,506,600
Mercer	22.200	3.20	71.000	9,301,000	22,000	3.18	70,000	11,620,000
Mifflin	9.100	3.30	30.000	3,930,000	8,500	1.98	16,800	2,788,800
Monroe	4.400	2.80	12.300	1,611,300	4,300	1.70	7,300	1,211,800
Montgomery	11.000	2.70	29.700	3,890,700	11,200	1.56	17,500	2,905,000
Montour	3.100	3.10	9.600	1,257,600	2,800	2.04	5,700	946,200
Northampton	5.800	3.40	19.700	2,580,700	5,900	2.20	13,000	2,158,000
Northumberland	8.000	3.20	25.600	3,353,600	8,500	1.78	15,100	2,506,600
Perry	27.900	3.10	86.500	11,331,500	26,500	2.71	71,800	11,918,800
Pike	900	2.78	2,500	327,500	800	3.00	2,400	398,400
Potter	14.000	2.50	35.000	4,585,000	13,700	2.00	27,400	4,548,400
Schuylkill	12.600	3.00	37.800	4,951,800	11,500	1.87	21,500	3,569,000
Snyder	12.400	3.30	40.900	5,357,900	11,700	1.61	18,800	3,120,800
Somerset	40.000	3.00	120.000	15,720,000	37,600	2.26	85,000	14,110,000
Sullivan	6.700	2.28	15,300	2,004,300	6,900	1.96	13,500	2,241,000
Susquehanna	50.400	2.98	150.300	19,689,300	50,400	1.83	92,000	15,272,000
Tioga	57.700	2.30	132.700	17,383,700	57,000	1.57	89,500	14,857,000
Union	5.300	3.40	18,000	2,358,000	6,100	2.52	15,400	2,556,400
Venango	9.000	2.60	23.400	3,065,400	8,400	2.02	17,000	2,822,000
Warren	16.000	2.70	43.200	5,659,200	14,900	1.88	28,000	4,648,000
Washington	58.200	2.60	151.100	19,794,100	53,700	1.82	98,000	16,268,000
Wayne	32.100	2.91	93.400	12,235,400	33,100	1.65	54,500	9,047,000
Westmoreland	23.500	2.60	61.000	7,991,000	21,300	2.62	55,900	9,279,400
Wyoming	14.600	2.80	40.900	5,357,900	14,500	1.48	21,400	3,552,400
York	28.600	3.35	95.700	12,536,700	28,000	1.96	55,000	9,130,000
Northwestern	108,000	2.80	302,400	39,614,400	101,000	2.35	237,800	39,474,800
North Central	193,000	2.50	482,800	63,246,800	189,000	1.56	295,700	49,086,200
Northeastern	107,000	2.90	310,300	40,649,300	108,000	1.71	185,200	30,743,200
West Central	130,000	3.20	416,000	54,496,000	121,000	1.85	224,400	37,250,400
Central	181,000	3.20	579,200	75,875,200	171,000	2.23	381,300	63,295,800
East Central	44,000	3.00	132,000	17,292,000	42,000	2.22	93,400	15,504,400
Southwestern	193,000	2.70	521,100	68,264,100	178,000	2.03	362,000	60,092,000
South Central	168,000	3.07	515,800	67,569,800	170,000	1.89	322,000	53,452,000
Southeastern	126,000	2.90	365,400	47,867,400	120,000	2.49	298,200	49,501,200
<b>Pennsylvania</b>	<b>1,250,000</b>	<b>2.90</b>	<b>3,625,000</b>	<b>474,875,000</b>	<b>1,200,000</b>	<b>2.00</b>	<b>2,400,000</b>	<b>398,400,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication.  
<sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.

Pennsylvania: Dry All Hay - Acreage, Yield, Production and Value, 2006-2007 <sup>1</sup>

County & District	2006				2007			
	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>3</sup>
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
Adams	41,000	3.27	134,200	17,917,200	44,000	1.88	82,500	13,982,000
Allegheny	8,100	2.77	22,400	3,039,100	8,200	2.04	16,700	2,859,000
Armstrong	39,000	3.32	129,500	18,034,700	40,000	1.91	76,400	13,199,000
Beaver	16,500	3.07	50,700	7,229,600	17,000	2.25	38,300	6,671,400
Bedford	47,500	3.04	144,400	20,489,400	50,000	2.04	102,000	17,626,400
Berks	43,000	3.13	134,600	19,289,800	45,000	2.61	117,300	20,295,000
Blair	20,500	3.20	65,500	9,193,900	21,000	2.73	57,300	9,915,000
Bradford	94,000	2.72	255,400	34,556,700	96,000	1.63	156,300	26,661,200
Bucks	16,000	2.88	46,000	6,147,400	16,500	1.82	30,000	5,069,600
Butler	40,500	3.11	125,900	17,721,700	41,000	2.83	116,100	20,247,000
Cambria	19,500	2.88	56,100	7,882,000	20,000	2.35	46,900	8,226,400
Cameron	800	2.00	1,600	220,400	800	1.88	1,500	257,400
Carbon	5,000	2.74	13,700	1,852,300	5,500	2.87	15,800	2,662,000
Centre	31,500	2.90	91,300	13,009,800	33,000	2.42	79,900	13,690,400
Chester	41,500	2.99	124,200	17,286,800	43,000	2.98	128,200	22,069,400
Clarion	32,500	3.13	101,600	13,945,800	33,500	2.06	68,900	11,755,200
Clearfield	20,500	2.94	60,300	8,353,600	21,000	2.55	53,500	9,177,800
Clinton	10,300	2.55	26,300	3,791,000	10,500	2.17	22,800	3,980,800
Columbia	15,500	3.03	46,900	6,459,700	16,000	1.96	31,300	5,382,000
Crawford	51,000	2.75	140,200	19,239,700	51,200	2.36	120,600	20,730,800
Cumberland	31,500	3.10	97,600	13,742,000	33,800	2.43	82,000	14,201,400
Dauphin	22,500	3.15	70,800	9,582,200	23,000	2.02	46,500	7,917,800
Delaware	500	2.80	1,400	191,300	500	2.60	1,300	221,400
Elk	6,000	2.23	13,400	1,835,000	6,300	1.95	12,300	2,095,000
Erie	26,000	2.65	69,000	9,416,400	26,100	2.76	72,100	12,278,000
Fayette	38,500	2.79	107,600	14,896,300	38,700	1.86	71,900	12,303,600
Forest	1,800	2.06	3,700	512,000	1,800	2.33	4,200	714,000
Franklin	50,000	2.97	148,500	20,892,200	54,000	2.59	140,100	24,037,800
Fulton	23,000	2.86	65,800	9,006,600	25,200	2.02	50,900	8,764,400
Greene	41,200	2.48	102,100	13,573,700	41,500	2.06	85,600	14,470,000
Huntingdon	27,500	3.34	91,900	12,771,600	28,000	2.76	77,300	13,349,800
Indiana	32,500	2.98	96,800	13,799,200	33,500	2.33	78,000	13,632,600
Jefferson	28,300	2.77	78,500	11,131,900	29,000	2.00	58,000	10,045,200
Juniata	17,500	3.30	57,800	8,357,200	18,000	2.62	47,100	8,177,000
Lackawanna	11,200	2.56	28,700	3,824,000	11,500	1.81	20,800	3,501,800
Lancaster	71,200	3.64	258,900	38,666,600	73,500	3.88	285,500	50,076,800
Lawrence	15,700	3.22	50,500	7,234,600	17,000	2.57	43,700	7,600,000
Lebanon	17,000	3.11	52,800	7,493,300	18,000	2.87	51,700	8,858,000
Lehigh	12,500	3.34	41,800	5,961,000	12,700	3.31	42,000	7,372,400
Luzerne	12,600	2.76	34,800	4,874,300	12,700	2.62	33,300	5,674,800
Lycoming	29,000	2.40	69,500	9,965,000	29,500	2.11	62,100	10,802,800
McKean	11,400	2.39	27,300	3,691,600	11,500	1.95	22,400	3,820,600
Mercer	35,500	3.12	110,800	15,637,800	36,000	3.76	135,300	23,374,000
Mifflin	17,900	3.40	60,800	8,858,800	18,000	2.38	42,900	7,486,800
Monroe	5,000	2.84	14,200	1,904,900	5,000	1.92	9,600	1,625,800
Montgomery	12,800	2.85	36,500	4,955,800	13,500	1.72	23,200	3,931,000
Montour	5,000	2.98	14,900	2,101,300	5,000	2.16	10,800	1,864,200
Northampton	11,300	3.26	36,800	5,314,100	11,400	2.68	30,500	5,308,000
Northumberland	12,500	3.23	40,400	5,710,800	13,000	1.92	25,000	4,288,600
Perry	32,500	3.11	101,200	13,611,700	33,000	2.84	93,700	15,860,800
Pike	1,200	2.58	3,100	421,600	1,200	2.75	3,300	560,400
Potter	18,500	2.57	47,600	6,578,600	19,000	2.58	49,100	8,454,400
Schuylkill	16,400	3.02	49,600	6,813,800	16,500	2.05	33,900	5,801,000
Snyder	18,500	3.30	61,000	8,553,100	19,000	1.99	37,800	6,540,800
Somerset	53,000	2.88	152,500	20,832,500	53,400	2.46	131,300	22,444,000
Sullivan	8,500	2.33	19,800	2,713,500	9,000	1.97	17,700	2,997,000
Susquehanna	57,000	2.91	165,900	22,050,600	58,000	1.90	110,000	18,512,000
Tioga	71,500	2.30	164,400	22,354,700	72,400	1.68	121,500	20,617,000
Union	11,600	3.13	36,300	5,286,300	12,000	2.28	27,300	4,698,400
Venango	12,400	2.55	31,600	4,362,200	12,500	2.30	28,800	4,946,000
Warren	18,300	2.77	50,600	6,807,400	18,400	2.00	36,800	6,232,000
Washington	78,200	2.57	201,100	27,693,000	78,900	2.19	172,600	29,696,000
Wayne	33,500	2.90	97,300	12,769,900	35,000	1.68	58,900	9,839,000
Westmoreland	39,000	2.68	104,400	14,917,400	39,300	2.64	103,900	17,919,400
Wyoming	18,300	2.78	50,900	6,927,000	18,500	1.65	30,500	5,190,400
York	40,000	3.33	133,300	18,494,600	43,000	2.66	114,500	19,840,000
Northwestern	145,000	2.80	405,900	55,975,500	146,000	2.72	397,800	68,274,800
North Central	250,000	2.50	625,300	85,706,500	255,000	1.83	465,700	79,686,200
Northeastern	120,000	2.86	342,800	45,571,500	123,000	1.79	220,200	37,043,200
West Central	205,000	3.09	633,500	89,097,500	211,000	2.27	479,400	83,150,400
Central	273,000	3.13	855,200	119,732,000	280,000	2.42	677,300	116,575,800
East Central	64,000	3.03	194,000	27,142,000	65,000	2.59	168,400	29,004,400
Southwestern	258,000	2.67	690,100	94,952,000	260,000	2.24	582,000	99,692,000
South Central	233,000	3.11	723,800	100,542,000	250,000	2.29	572,000	98,452,000
Southeastern	202,000	3.24	654,400	94,031,000	210,000	3.03	637,200	110,521,200
<b>Pennsylvania</b>	<b>1,750,000</b>	<b>2.93</b>	<b>5,125,000</b>	<b>712,750,000</b>	<b>1,800,000</b>	<b>2.33</b>	<b>4,200,000</b>	<b>722,400,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication.

<sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.



Pennsylvania: All Forage - Acreage, Yield, Production and Value, 2006-2007 <sup>1 2 3</sup>

County & District	2006				2007			
	Harvested	Yield Per Acre	Production	Value of Production	Harvested	Yield Per Acre	Production	Value of Production
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
Adams	41,500	4.18	173,400	21,988,854	57,000	2.34	133,200	20,222,424
Allegheny	8,100	2.88	23,300	2,954,673	8,600	2.05	17,600	2,672,032
Armstrong	39,500	3.54	139,700	17,715,357	43,800	1.98	86,800	13,177,976
Beaver	18,600	3.34	62,200	7,887,582	18,500	2.50	46,300	7,029,266
Bedford	60,400	3.16	190,700	24,182,667	62,800	2.33	146,200	22,196,084
Berks	49,600	3.93	195,000	24,727,950	50,700	3.27	165,900	25,186,938
Blair	26,100	4.05	105,600	13,391,136	24,000	3.39	81,400	12,358,148
Bradford	112,000	3.22	360,300	45,689,643	103,100	2.48	255,300	38,759,646
Bucks	17,100	3.18	54,300	6,885,783	16,900	2.21	37,400	5,678,068
Butler	40,500	3.61	146,200	18,539,622	43,900	2.87	126,000	19,129,320
Cambria	21,500	3.09	66,500	8,432,865	22,300	2.57	57,300	8,699,286
Cameron	800	2.63	2,100	266,301	900	2.22	2,000	303,640
Carbon	5,000	2.96	14,800	1,876,788	5,600	3.07	17,200	2,611,304
Centre	35,500	3.26	115,600	14,659,236	36,200	2.93	106,100	16,108,102
Chester	41,500	3.59	149,000	18,894,690	45,900	3.41	156,500	23,759,830
Clarion	37,200	3.08	114,600	14,532,426	38,700	2.04	78,800	11,963,416
Clearfield	22,000	3.06	67,400	8,546,994	23,400	2.66	62,300	9,458,386
Clinton	11,700	3.04	35,600	4,514,436	11,900	2.55	30,300	4,600,146
Columbia	16,000	3.56	57,000	7,228,170	16,900	2.39	40,400	6,133,528
Crawford	53,000	3.44	182,100	23,092,101	54,700	2.90	158,600	24,078,652
Cumberland	39,600	3.19	126,500	16,041,465	40,600	2.63	106,700	16,199,194
Dauphin	22,500	3.62	81,500	10,335,015	23,700	2.34	55,500	8,426,010
Delaware	600	3.17	1,900	240,939	600	3.17	1,900	288,458
Elk	6,100	2.49	15,200	1,927,512	6,800	2.07	14,100	2,140,662
Erie	31,300	2.78	86,900	11,019,789	30,500	2.89	88,000	13,360,160
Fayette	38,500	3.09	119,100	15,103,071	42,500	1.95	82,800	12,570,696
Forest	1,800	2.17	3,900	494,559	1,900	2.37	4,500	683,190
Franklin	76,100	3.42	260,100	32,983,281	80,800	2.77	224,100	34,022,862
Fulton	27,000	3.08	83,200	10,550,592	28,000	2.35	65,800	9,989,756
Greene	41,200	2.53	104,400	13,238,964	44,800	1.97	88,100	13,375,342
Huntingdon	36,200	4.00	144,800	18,362,088	33,200	3.50	116,100	17,626,302
Indiana	35,100	3.19	112,000	14,202,720	36,500	2.53	92,300	14,012,986
Jefferson	29,100	3.03	88,300	11,197,323	31,200	2.04	63,500	9,640,570
Juniata	20,900	3.99	83,300	10,563,273	21,000	3.29	69,100	10,490,762
Lackawanna	13,400	2.54	34,000	4,311,540	12,600	1.98	24,900	3,780,318
Lancaster	88,000	3.97	349,700	44,345,457	88,200	4.19	369,500	56,097,490
Lawrence	18,000	3.47	62,500	7,925,625	18,400	2.90	53,400	8,107,188
Lebanon	23,900	3.73	89,100	11,298,771	25,700	3.39	87,100	13,223,522
Lehigh	14,100	3.30	46,500	5,896,665	14,000	3.43	48,000	7,287,360
Luzerne	13,700	2.85	39,100	4,958,271	13,800	2.68	37,000	5,617,340
Lycoming	35,600	2.59	92,100	11,679,201	32,700	2.65	86,600	13,147,612
McKean	11,400	2.89	32,900	4,172,049	12,500	2.17	27,100	4,114,322
Mercer	38,000	3.52	133,800	16,967,178	43,000	3.81	163,800	24,868,116
Mifflin	21,900	3.74	82,000	10,398,420	20,600	2.96	61,000	9,261,020
Monroe	5,200	2.88	15,000	1,902,150	5,100	1.94	9,900	1,503,018
Montgomery	12,800	3.13	40,000	5,072,400	13,500	1.99	26,800	4,068,776
Montour	5,600	3.34	18,700	2,371,347	5,400	2.57	13,900	2,110,298
Northampton	12,000	3.31	39,700	5,034,357	12,400	2.82	35,000	5,313,700
Northumberland	16,600	3.19	53,000	6,720,930	15,800	2.49	39,300	5,966,526
Perry	41,600	3.13	130,400	16,536,024	37,000	3.16	117,000	17,762,940
Pike	1,300	2.54	3,300	418,473	1,300	2.77	3,600	546,552
Potter	24,500	2.96	72,500	9,193,725	26,000	2.84	73,800	11,204,316
Schuylkill	20,200	2.95	59,600	7,557,876	19,300	2.24	43,300	6,573,806
Snyder	22,100	3.69	81,600	10,347,696	22,000	2.61	57,500	8,729,650
Somerset	65,000	3.33	216,600	27,467,046	61,100	2.94	179,800	27,297,236
Sullivan	9,400	2.87	27,000	3,423,870	9,700	2.30	22,300	3,385,586
Susquehanna	65,400	3.24	211,600	26,832,996	64,800	2.20	142,300	21,603,986
Tioga	74,000	3.13	231,800	29,394,558	76,900	2.15	165,500	25,126,210
Union	17,000	3.62	61,600	7,811,496	16,000	2.91	46,500	7,059,630
Venango	14,100	2.83	39,900	5,059,719	13,100	2.66	34,800	5,283,336
Warren	22,800	2.96	67,400	8,546,994	19,800	2.65	52,500	7,970,550
Washington	78,200	2.68	209,600	26,579,376	84,000	2.20	184,600	28,025,972
Wayne	42,400	2.90	123,100	15,610,311	38,500	2.02	77,800	11,811,596
Westmoreland	41,500	3.00	124,500	15,787,845	43,000	2.75	118,100	17,929,942
Wyoming	22,300	2.73	60,800	7,710,048	20,600	1.67	34,500	5,237,790
York	44,400	3.52	156,100	19,795,041	50,300	2.88	144,700	21,968,354
Northwestern	161,000	3.19	514,000	65,180,340	163,000	3.08	502,200	76,244,004
North Central	285,500	3.05	869,500	110,261,295	280,500	2.41	677,000	102,782,140
Northeastern	143,500	2.99	429,500	54,464,895	136,500	2.05	279,500	42,433,690
West Central	218,000	3.33	725,500	92,000,655	231,000	2.37	547,100	83,060,722
Central	325,500	3.53	1,149,000	145,704,690	317,500	2.91	923,400	140,190,588
East Central	71,500	3.05	218,000	27,644,580	71,500	2.71	194,000	29,453,080
Southwestern	272,500	2.93	797,500	101,130,975	284,000	2.36	671,000	101,871,220
South Central	289,000	3.43	990,000	125,541,900	319,500	2.57	820,700	124,598,674
Southeastern	233,500	3.76	879,000	111,465,990	241,500	3.50	845,100	128,303,082
<b>Pennsylvania</b>	<b>2,000,000</b>	<b>3.29</b>	<b>6,572,000</b>	<b>833,395,320</b>	<b>2,045,000</b>	<b>2.67</b>	<b>5,460,000</b>	<b>828,937,200</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Forage production includes all forms of harvested hay on a dry equivalent basis. Several assumptions are made to convert haylage and greenchop to a dry equivalent. Haylage production is based on haylage weight at harvest and then converted to dry equivalent production. <sup>3</sup> All Forage is the sum of the following dry equivalents: a) alfalfa hay harvested as **dry hay**, b) all other hay harvested as **dry hay**, c) alfalfa haylage and greenchop, d) all other hay haylage and greenchop.

Pennsylvania: Oats - Acreage, Yield, Production and Value, 2006, Revised <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	800	500	60.0	30,000	62,100
Armstrong	3,500	3,300	60.0	198,000	409,860
Beaver	1,800	1,600	60.0	96,000	198,720
Bedford	3,300	2,700	74.1	200,000	414,000
Berks	3,300	3,000	66.7	200,000	414,000
Blair	1,000	500	80.0	40,000	82,800
Bradford	3,300	1,600	62.5	100,000	207,000
Bucks	1,700	1,500	63.3	95,000	196,650
Butler	4,600	4,000	50.0	200,000	414,000
Cambria	6,400	6,200	78.4	486,000	1,006,020
Carbon	700	600	58.3	35,000	72,450
Centre	2,500	2,000	85.0	170,000	351,900
Chester	1,400	1,100	77.3	85,000	175,950
Clarion	3,700	3,300	69.7	230,000	476,100
Clearfield	1,500	1,200	60.0	72,000	149,040
Clinton	500	400	50.0	20,000	41,400
Columbia	2,200	2,100	66.7	140,000	289,800
Crawford	7,000	5,000	56.0	280,000	579,600
Cumberland	2,100	1,500	70.0	105,000	217,350
Dauphin	1,700	1,500	53.3	80,000	165,600
Elk	500	400	45.0	18,000	37,260
Erie	4,400	4,000	50.0	200,000	414,000
Fayette	1,300	1,200	65.8	79,000	163,530
Franklin	1,700	700	67.1	47,000	97,290
Fulton	1,600	1,100	52.7	58,000	120,060
Huntingdon	2,200	1,700	58.8	100,000	207,000
Indiana	5,500	4,800	57.3	275,000	569,250
Jefferson	2,300	2,000	63.0	126,000	260,820
Juniata	1,700	1,300	65.4	85,000	175,950
Lancaster	1,800	600	83.3	50,000	103,500
Lawrence	3,100	3,000	58.3	175,000	362,250
Lebanon	1,000	600	75.0	45,000	93,150
Lehigh	1,900	1,700	70.0	119,000	246,330
Luzerne	1,700	1,300	63.1	82,000	169,740
Lycoming	3,300	2,800	68.2	191,000	395,370
McKean	500	200	40.0	8,000	16,560
Mercer	6,500	6,000	59.5	357,000	738,990
Mifflin	1,400	1,100	70.0	77,000	159,390
Monroe	900	,700	64.3	45,000	93,150
Montgomery	700	,700	35.7	25,000	51,750
Montour	1,100	1,000	70.0	70,000	144,900
Northampton	1,300	1,200	67.5	81,000	167,670
Northumberland	1,800	1,500	76.7	115,000	238,050
Perry	2,500	2,000	70.0	140,000	289,800
Potter	1,100	1,000	75.0	75,000	155,250
Schuylkill	3,500	3,000	66.0	198,000	409,860
Snyder	2,000	1,200	58.3	70,000	144,900
Somerset	8,200	7,900	72.3	571,000	1,181,970
Susquehanna	800	300	50.0	15,000	31,050
Tioga	2,200	1,400	57.1	80,000	165,600
Union	1,000	700	71.4	50,000	103,500
Venango	1,600	1,500	66.7	100,000	207,000
Washington	2,000	1,300	53.8	70,000	144,900
Westmoreland	3,000	2,700	57.4	155,000	320,850
Wyoming	700	500	50.0	25,000	51,750
York	2,000	1,500	66.7	100,000	207,000
Northwestern, Other Counties	1,500	1,000	63.0	63,000	130,410
North Central, Other Counties	600	200	40.0	8,000	16,560
Northeastern, Other Counties	500	200	50.0	10,000	20,700
Southwestern, Other Counties	500	400	50.0	20,000	41,400
Southeastern, Other Counties	100	-	-	-	-
Northwestern	21,000	17,500	57.1	1,000,000	2,070,000
North Central	12,000	8,000	62.5	500,000	1,035,000
Northeastern	2,000	1,000	50.0	50,000	103,500
West Central	24,500	22,000	59.1	1,300,000	2,691,000
Central	29,000	24,000	70.6	1,695,000	3,508,650
East Central	10,000	8,500	65.9	560,000	1,159,200
Southwestern	15,000	13,500	66.3	895,000	1,852,650
South Central	11,500	8,000	67.5	540,000	1,117,800
Southeastern	10,000	7,500	66.7	500,000	1,035,000
<b>Pennsylvania</b>	<b>135,000</b>	<b>110,000</b>	<b>64.0</b>	<b>7,040,000</b>	<b>14,572,800</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price.

Pennsylvania: Oats - Acreage, Yield, Production and Value, 2007 <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	800	500	52.0	26,000	65,000
Armstrong	3,100	2,300	45.2	104,000	260,000
Beaver	1,500	1,000	50.0	50,000	125,000
Bedford	3,200	2,100	49.5	104,000	260,000
Berks	3,000	2,000	61.0	122,000	305,000
Blair	800	400	55.0	22,000	55,000
Bradford	2,900	1,100	56.4	62,000	155,000
Bucks	1,400	1,000	67.0	67,000	167,500
Butler	3,500	2,700	51.9	140,000	350,000
Cambria	5,400	4,800	54.2	260,000	650,000
Carbon	600	400	57.5	23,000	57,500
Centre	1,800	1,400	57.1	80,000	200,000
Chester	1,200	500	58.0	29,000	72,500
Clarion	2,700	2,100	52.4	110,000	275,000
Clearfield	1,300	900	55.6	50,000	125,000
Clinton	400	200	55.0	11,000	27,500
Columbia	1,900	1,500	46.7	70,000	175,000
Crawford	6,000	4,300	58.1	250,000	625,000
Cumberland	1,800	900	48.9	44,000	110,000
Dauphin	1,500	1,000	45.0	45,000	112,500
Elk	400	200	55.0	11,000	27,500
Erie	3,700	3,200	62.5	200,000	500,000
Fayette	1,200	900	55.6	50,000	125,000
Franklin	1,700	600	50.0	30,000	75,000
Fulton	1,500	900	48.9	44,000	110,000
Huntingdon	2,000	1,100	68.2	75,000	187,500
Indiana	4,600	4,200	54.0	227,000	567,500
Jefferson	2,000	1,500	53.3	80,000	200,000
Juniata	1,500	900	55.6	50,000	125,000
Lancaster	2,000	800	61.3	49,000	122,500
Lawrence	2,600	2,200	53.2	117,000	292,500
Lebanon	900	400	55.0	22,000	55,000
Lehigh	1,500	1,200	45.8	55,000	137,500
Luzerne	1,300	1,000	49.0	49,000	122,500
Lycoming	2,500	1,600	45.6	73,000	182,500
McKean	400	200	55.0	11,000	27,500
Mercer	4,800	4,000	67.8	271,000	677,500
Mifflin	1,000	600	63.3	38,000	95,000
Monroe	700	500	50.0	25,000	62,500
Montgomery	500	300	53.3	16,000	40,000
Montour	1,000	600	58.3	35,000	87,500
Northampton	1,100	800	56.3	45,000	112,500
Northumberland	1,500	1,000	65.0	65,000	162,500
Perry	1,900	1,200	58.3	70,000	175,000
Potter	1,000	600	55.0	33,000	82,500
Schuylkill	2,800	2,100	49.0	103,000	257,500
Snyder	1,600	1,100	42.7	47,000	117,500
Somerset	7,500	6,500	67.4	438,000	1,095,000
Susquehanna	800	300	46.7	14,000	35,000
Tioga	1,900	900	55.6	50,000	125,000
Union	800	500	56.0	28,000	70,000
Venango	1,400	1,000	60.0	60,000	150,000
Washington	1,900	1,300	65.4	85,000	212,500
Westmoreland	2,900	2,000	55.0	110,000	275,000
Wyoming	700	500	48.0	24,000	60,000
York	2,000	1,000	52.0	52,000	130,000
Northwestern, Other Counties	1,100	500	62.0	31,000	77,500
North Central, Other Counties	500	200	45.0	9,000	22,500
Northeastern, Other Counties	500	200	45.0	9,000	22,500
Southwestern, Other Counties	500	300	33.3	10,000	25,000
Northwestern	17,000	13,000	62.5	812,000	2,030,000
North Central	10,000	5,000	52.0	260,000	650,000
Northeastern	2,000	1,000	47.0	47,000	117,500
West Central	20,000	16,000	51.8	828,000	2,070,000
Central	24,000	17,000	55.0	935,000	2,337,500
East Central	8,000	6,000	50.0	300,000	750,000
Southwestern	14,000	11,000	63.0	693,000	1,732,500
South Central	11,000	6,000	50.0	300,000	750,000
Southeastern	9,000	5,000	61.0	305,000	762,500
<b>Pennsylvania</b>	<b>115,000</b>	<b>80,000</b>	<b>56.0</b>	<b>4,480,000</b>	<b>11,200,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.

**Pennsylvania: Sorghum for Grain - Acreage, Yield, Production and Value of Production, 2006**

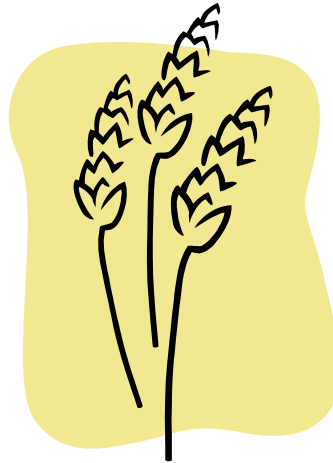
District <sup>1</sup>	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>			<i>Bushels</i>	<i>1,000 Dols.</i>
Central	3,300	1,400	66.1	92,500	303,600
East Central	1,400	900	66.7	60,000	196,900
South Central	2,800	1,000	70.0	70,000	229,700
Southeastern	2,200	1,000	80.0	80,000	262,500
Other Districts	3,300	700	39.3	27,500	90,200
<b>Pennsylvania</b>	<b>13,000</b>	<b>5,000</b>	<b>66.0</b>	<b>330,000</b>	<b>1,082,900</b>

<sup>1</sup> District map located on inside back cover. <sup>2</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Sorghum for Grain - Acreage, Yield, Production and Value of Production, 2007**

District <sup>1</sup>	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2 3</sup>
	<i>Acres</i>			<i>Bushels</i>	<i>1,000 Dols.</i>
Central	3,800	900	53.0	47,900	177,000
East Central	1,600	500	50.0	25,000	92,400
South Central	3,300	600	61.0	36,500	134,900
Southeastern	2,600	800	66.0	53,000	195,900
Other Districts	3,700	200	28.0	5,600	20,700
<b>Pennsylvania</b>	<b>15,000</b>	<b>3,000</b>	<b>56.0</b>	<b>168,000</b>	<b>620,900</b>

<sup>1</sup> District map located on inside back cover. <sup>2</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS. <sup>3</sup> May not add due to rounding.



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Pennsylvania: Soybeans - Acreage, Yield, Production and Value, 2006, Revised <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	17,800	17,600	35.2	620,000	3,875,000
Armstrong	3,400	3,300	41.2	136,000	850,000
Beaver	1,700	1,700	38.2	65,000	406,250
Bedford	3,200	3,100	37.1	115,000	718,750
Berks	28,000	27,700	43.3	1,200,000	7,500,000
Blair	3,300	3,200	50.0	160,000	1,000,000
Bradford	800	700	38.6	27,000	168,750
Bucks	9,200	9,100	44.0	400,000	2,500,000
Butler	6,100	6,000	40.8	245,000	1,531,250
Centre	8,900	8,800	43.8	385,000	2,406,250
Chester	14,400	14,200	45.8	650,000	4,062,500
Clarion	1,400	1,300	45.4	59,000	368,750
Clinton	2,800	2,700	47.8	129,000	806,250
Columbia	10,000	10,000	38.0	380,000	2,375,000
Crawford	12,900	12,800	39.7	507,600	3,172,500
Cumberland	14,500	14,400	38.2	550,000	3,437,500
Dauphin	11,500	11,400	37.3	425,000	2,656,250
Erie	8,500	8,400	39.6	333,000	2,081,250
Fayette	2,900	2,700	34.8	94,000	587,500
Franklin	14,900	14,800	33.9	501,000	3,131,250
Fulton	1,000	900	37.8	34,000	212,500
Huntingdon	3,600	3,500	40.6	142,000	887,500
Indiana	9,000	8,800	40.6	357,000	2,231,250
Jefferson	1,500	1,500	36.7	55,000	343,750
Juniata	6,100	6,000	35.8	215,000	1,343,750
Lancaster	27,100	27,000	43.3	1,170,000	7,312,500
Lawrence	6,400	6,400	47.3	303,000	1,893,750
Lebanon	22,300	22,100	43.0	950,000	5,937,500
Lehigh	12,600	12,600	33.7	425,000	2,656,250
Luzerne	2,200	2,100	47.1	99,000	618,750
Lycoming	8,000	7,900	43.4	343,000	2,143,750
Mercer	13,400	13,200	39.4	520,000	3,250,000
Mifflin	4,000	4,000	49.0	196,000	1,225,000
Monroe	1,800	1,700	36.5	62,000	387,500
Montgomery	3,100	3,100	37.1	115,000	718,750
Montour	6,300	6,200	43.5	270,000	1,687,500
Northampton	13,700	13,600	37.9	516,000	3,225,000
Northumberland	20,300	20,200	42.6	861,000	5,381,250
Perry	7,900	7,900	33.2	262,000	1,637,500
Schuylkill	7,500	7,400	38.1	282,000	1,762,500
Snyder	8,000	7,800	37.1	289,000	1,806,250
Somerset	3,100	3,000	39.3	118,000	737,500
Union	10,500	10,500	43.3	455,000	2,843,750
Venango	1,400	1,300	40.0	52,000	325,000
Washington	1,100	1,000	33.0	33,000	206,250
Westmoreland	8,000	7,900	43.0	340,000	2,125,000
York	38,100	38,000	35.8	1,360,000	8,500,000
Northwestern, Other Counties	300	300	38.0	11,400	71,250
North Central, Other Counties	900	800	38.8	31,000	193,750
Northeastern, Other Counties	500	500	42.0	21,000	131,250
Central, Other Counties	2,100	1,900	31.6	60,000	375,000
East Central, Other Counties	1,200	1,200	34.2	41,000	256,250
Southwestern, Other Counties	400	400	37.5	15,000	93,750
Southeastern, Other Counties	400	400	37.5	15,000	93,750
Northwestern	36,500	36,000	39.6	1,424,000	8,900,000
North Central	12,500	12,100	43.8	530,000	3,312,500
Northeastern	500	500	42.0	21,000	131,250
West Central	29,500	29,000	42.1	1,220,000	7,625,000
Central	102,500	101,400	40.4	4,100,000	25,625,000
East Central	39,000	38,600	36.9	1,425,000	8,906,250
Southwestern	15,500	15,000	40.0	600,000	3,750,000
South Central	89,500	88,800	35.8	3,180,000	19,875,000
Southeastern	104,500	103,600	43.4	4,500,000	28,125,000
<b>Pennsylvania</b>	<b>430,000</b>	<b>425,000</b>	<b>40.0</b>	<b>17,000,000</b>	<b>106,250,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price.

Pennsylvania: Soybeans - Acreage, Yield, Production and Value, 2007 <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	16,500	16,300	27.0	440,000	4,290,000
Armstrong	2,700	2,600	40.0	104,000	1,014,000
Beaver	2,200	2,100	34.8	73,000	711,750
Bedford	3,100	2,800	42.9	120,000	1,170,000
Berks	23,000	22,900	47.8	1,095,000	10,676,250
Blair	4,000	4,000	43.8	175,000	1,706,250
Bradford	800	800	39.5	31,600	308,100
Bucks	8,700	8,600	34.2	293,700	2,863,575
Butler	6,100	6,000	47.0	282,000	2,749,500
Carbon	1,000	900	34.4	31,000	302,250
Centre	8,400	8,400	41.2	346,000	3,373,500
Chester	14,000	13,900	45.3	630,000	6,142,500
Clarion	2,000	2,000	47.5	95,000	926,250
Clinton	3,000	2,900	43.1	125,000	1,218,750
Columbia	9,000	8,900	43.5	387,000	3,773,250
Crawford	13,200	12,700	42.7	542,500	5,289,375
Cumberland	15,000	14,800	39.2	580,000	5,655,000
Dauphin	11,800	11,700	40.2	470,000	4,582,500
Erie	9,100	9,000	39.2	353,000	3,441,750
Fayette	3,200	3,100	40.6	126,000	1,228,500
Franklin	15,000	14,800	36.5	540,000	5,265,000
Fulton	1,000	1,000	40.0	40,000	390,000
Huntingdon	3,300	3,300	28.5	94,000	916,500
Indiana	9,200	9,000	40.9	368,000	3,588,000
Jefferson	2,300	2,000	39.0	78,000	760,500
Juniata	6,400	6,300	35.7	225,000	2,193,750
Lancaster	27,700	27,600	48.1	1,328,000	12,948,000
Lawrence	7,000	7,000	45.7	320,000	3,120,000
Lebanon	23,000	22,600	42.0	950,000	9,262,500
Lehigh	10,500	10,400	44.2	460,000	4,485,000
Luzerne	2,100	2,000	38.5	77,000	750,750
Lycoming	7,500	7,400	36.8	272,000	2,652,000
Mercer	13,000	12,900	45.0	580,000	5,655,000
Mifflin	5,000	4,900	47.6	233,000	2,271,750
Monroe	1,800	1,800	48.3	87,000	848,250
Montgomery	4,200	4,200	32.1	135,000	1,316,250
Montour	5,200	5,100	33.3	170,000	1,657,500
Northampton	13,900	13,800	46.4	640,000	6,240,000
Northumberland	19,000	18,900	33.9	640,000	6,240,000
Perry	7,200	7,200	37.5	270,000	2,632,500
Schuylkill	7,700	7,700	33.1	255,000	2,486,250
Snyder	8,300	8,300	32.5	270,000	2,632,500
Somerset	3,400	3,400	41.5	141,000	1,374,750
Tioga	800	800	45.0	36,000	351,000
Union	10,000	9,900	32.8	325,000	3,168,750
Venango	1,300	1,300	37.7	49,000	477,750
Washington	500	500	44.0	22,000	214,500
Westmoreland	8,000	7,800	46.8	365,000	3,558,750
York	39,400	39,300	45.3	1,780,000	17,355,000
Northwestern, Other Counties	400	400	38.8	15,500	151,125
North Central, Other Counties	400	400	38.5	15,400	150,150
Northeastern, Other Counties	500	500	40.0	20,000	195,000
Central, Other Counties	2,400	2,300	37.0	85,000	828,750
Southwestern, Other Counties	400	400	40.0	16,000	156,000
Southeastern, Other Counties	400	400	45.8	18,300	178,425
Northwestern	37,000	36,300	42.4	1,540,000	15,015,000
North Central	12,500	12,300	39.0	480,000	4,680,000
Northeastern	500	500	40.0	20,000	195,000
West Central	31,500	30,700	43.0	1,320,000	12,870,000
Central	100,000	99,200	37.2	3,690,000	35,977,500
East Central	37,000	36,600	42.3	1,550,000	15,112,500
Southwestern	15,500	15,200	44.1	670,000	6,532,500
South Central	90,000	89,000	39.3	3,500,000	34,125,000
Southeastern	101,000	100,200	44.4	4,450,000	43,387,500
<b>Pennsylvania</b>	<b>425,000</b>	<b>420,000</b>	<b>41.0</b>	<b>17,220,000</b>	<b>167,895,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.

Pennsylvania: Winter Wheat - Acreage, Yield, Production and Value, 2006, Revised <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	11,300	10,200	54.7	557,700	1,963,104
Armstrong	1,500	1,200	53.3	63,900	224,928
Beaver	700	700	47.0	32,900	115,808
Bedford	1,000	800	54.9	43,900	154,528
Berks	10,000	9,400	60.6	569,200	2,003,584
Bucks	2,500	2,400	49.8	119,600	420,992
Butler	2,700	2,600	46.8	121,600	428,032
Cambria	2,600	2,600	46.7	121,400	427,328
Carbon	600	600	39.8	23,900	84,128
Centre	3,100	3,100	61.2	189,700	667,744
Chester	5,200	5,100	80.3	409,500	1,441,440
Clinton	800	800	63.3	50,600	178,112
Columbia	4,600	4,500	58.4	262,800	925,056
Crawford	2,100	1,900	51.0	96,900	341,088
Cumberland	7,700	6,900	56.3	388,500	1,367,520
Dauphin	4,100	4,100	56.5	231,500	814,880
Erie	2,600	2,400	48.6	116,700	410,784
Fayette	500	500	39.2	19,600	68,992
Franklin	7,800	6,800	66.0	448,800	1,579,776
Fulton	1,700	1,400	46.4	65,000	228,800
Huntingdon	1,600	1,500	52.0	78,000	274,560
Indiana	1,800	1,800	60.4	108,700	382,624
Juniata	1,400	1,100	59.2	65,100	229,152
Lancaster	9,100	8,900	76.0	676,300	2,380,576
Lawrence	2,500	2,400	61.7	148,100	521,312
Lebanon	5,300	4,600	70.6	324,900	1,143,648
Lehigh	7,900	7,900	55.0	434,200	1,528,384
Luzerne	1,000	1,000	51.0	51,000	179,520
Lycoming	1,700	1,600	58.0	92,800	326,656
Mercer	3,500	3,400	53.6	182,300	641,696
Mifflin	1,200	1,200	63.2	75,800	266,816
Monroe	600	500	53.2	26,600	93,632
Montgomery	1,200	1,000	57.5	57,500	202,400
Montour	1,100	1,100	51.3	56,400	198,528
Northampton	4,900	4,800	58.9	282,600	994,752
Northumberland	3,300	2,700	60.6	163,700	576,224
Perry	3,300	3,100	49.7	154,100	542,432
Potter	600	500	61.0	30,500	107,360
Schuylkill	5,000	4,900	47.3	231,700	815,584
Snyder	1,700	1,700	45.5	77,400	272,448
Tioga	500	500	60.0	30,000	105,600
Union	1,800	1,800	48.1	86,500	304,480
Venango	1,200	1,100	40.8	44,900	158,048
Washington	600	300	52.7	15,800	55,616
Westmoreland	1,700	1,400	51.9	72,700	255,904
York	19,000	18,200	65.2	1,187,100	4,178,592
Northwestern, Other Counties	100	100	42.0	4,200	14,784
North Central, Other Counties	400	300	42.0	12,600	44,352
Northeastern, Other Counties	500	400	50.0	20,000	70,400
West Central, Other Counties	800	800	51.6	41,300	145,376
Central, Other Counties	700	600	59.3	35,600	125,312
Southwestern, Other Counties	700	600	59.8	35,900	126,368
Southeastern, Other Counties	200	200	60.0	12,000	42,240
Northwestern	9,500	8,900	50.0	445,000	1,566,400
North Central	4,000	3,700	58.5	216,500	762,080
Northeastern	500	400	50.0	20,000	70,400
West Central	10,000	9,500	54.4	516,500	1,818,080
Central	30,500	29,100	54.9	1,598,000	5,624,960
East Central	20,000	19,700	53.3	1,050,000	3,696,000
Southwestern	3,500	2,800	51.4	144,000	506,880
South Central	48,500	44,300	60.7	2,691,000	9,472,320
Southeastern	33,500	31,600	68.6	2,169,000	7,634,880
<b>Pennsylvania</b>	<b>160,000</b>	<b>150,000</b>	<b>59.0</b>	<b>8,850,000</b>	<b>31,152,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price.



Pennsylvania: Winter Wheat - Acreage, Yield, Production and Value, 2007 <sup>1</sup>

County & District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>
Adams	11,200	10,200	65.3	666,300	4,397,580
Armstrong	1,400	1,400	40.6	56,900	375,540
Beaver	700	600	46.2	27,700	182,820
Bedford	1,100	600	59.3	35,600	234,960
Berks	11,400	10,500	56.6	594,300	3,922,380
Bucks	2,800	2,500	46.5	116,300	767,580
Butler	2,400	2,200	50.7	111,500	735,900
Cambria	2,400	2,100	47.1	98,900	652,740
Carbon	600	400	50.0	20,000	132,000
Centre	3,300	3,100	59.5	184,400	1,217,040
Chester	5,800	5,400	70.4	379,900	2,507,340
Clinton	900	700	55.6	38,900	256,740
Columbia	5,000	4,900	61.8	302,700	1,997,820
Crawford	1,900	1,500	49.3	73,900	487,740
Cumberland	7,600	6,800	57.8	392,700	2,591,820
Dauphin	4,600	4,500	53.0	238,300	1,572,780
Erie	3,300	3,200	57.9	185,300	1,222,980
Fayette	700	600	42.7	25,600	168,960
Franklin	8,600	7,900	58.3	460,800	3,041,280
Fulton	1,700	800	55.1	44,100	291,060
Huntingdon	1,400	1,200	54.8	65,700	433,620
Indiana	1,700	1,700	51.6	87,700	578,820
Juniata	1,600	1,500	46.5	69,800	460,680
Lancaster	10,900	10,700	67.1	718,300	4,740,780
Lawrence	2,600	2,500	46.2	115,400	761,640
Lebanon	6,300	5,900	64.1	377,900	2,494,140
Lehigh	7,900	7,500	63.1	472,900	3,121,140
Luzerne	1,100	1,000	46.5	46,500	306,900
Lycoming	1,700	1,600	53.4	85,400	563,640
Mercer	3,500	3,400	44.2	150,200	991,320
Mifflin	1,200	1,200	57.3	68,700	453,420
Monroe	700	500	55.2	27,600	182,160
Montgomery	1,400	1,200	46.4	55,700	367,620
Montour	1,000	900	50.2	45,200	298,320
Northampton	4,500	3,800	62.7	238,300	1,572,780
Northumberland	3,400	3,200	52.7	168,600	1,112,760
Perry	3,500	3,300	54.9	181,300	1,196,580
Potter	600	500	55.1	27,550	181,830
Schuylkill	5,100	4,800	46.7	224,200	1,479,720
Snyder	1,600	1,400	57.6	80,700	532,620
Tioga	600	500	55.6	27,800	183,480
Union	2,200	2,100	60.1	126,300	833,580
Washington	500	400	40.8	16,300	107,580
Westmoreland	2,000	1,600	46.3	74,100	489,060
York	21,800	19,700	62.9	1,240,000	8,184,000
Northwestern, Other Counties	300	300	42.0	12,600	83,160
North Central, Other Counties	800	600	46.1	27,650	182,490
Northeastern, Other Counties	500	400	46.3	18,500	122,100
West Central, Other Counties	700	600	46.3	27,800	183,480
Central, Other Counties	800	600	55.7	33,400	220,440
East Central, Other Counties	100	-	-	-	-
Southwestern, Other Counties	200	200	48.5	9,700	64,020
Southeastern, Other Counties	400	300	47.0	14,100	93,060
Northwestern	9,000	8,400	50.2	422,000	2,785,200
North Central	4,000	3,400	52.8	179,500	1,184,700
Northeastern	500	400	46.3	18,500	122,100
West Central	9,500	9,000	47.4	427,000	2,818,200
Central	32,000	30,000	55.5	1,664,000	10,982,400
East Central	20,000	18,000	57.2	1,029,500	6,794,700
Southwestern	4,000	3,300	46.5	153,500	1,013,100
South Central	52,000	46,000	61.7	2,839,500	18,740,700
Southeastern	39,000	36,500	61.8	2,256,500	14,892,900
<b>Pennsylvania</b>	<b>170,000</b>	<b>155,000</b>	<b>58.0</b>	<b>8,990,000</b>	<b>59,334,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on preliminary State marketing year average price, released in the July **Agricultural Prices** report published by USDA, NASS.

# Fruit Review, 2007

By Jillayne K. Weaver

The Commonwealth's five major fruit crops are comprised of apples, peaches, pears, tart cherries and grapes. These crops produced a total utilized weight of 685 million pounds, down slightly from 2006.

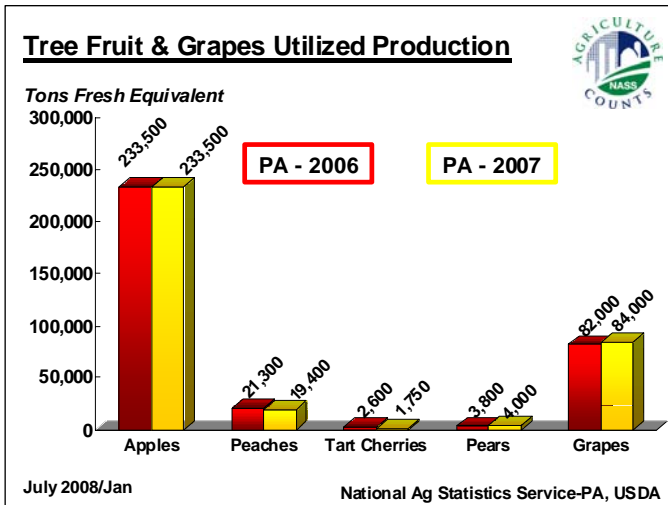
◆ **Apples** - The 2007 commercial apple crop, utilized production, in Pennsylvania totaled 467 million pounds, unchanged from utilized production in 2006. The crop was valued at 66.5 million dollars, up 11 percent from the 2006 value. Pennsylvania ranked 4th nationally in utilized apple production.

◆ **Grapes** - Pennsylvania's 2007 grape crop, utilized production, was 84,000 tons, up 2 percent from 2006. The total value of utilized production was 20.9 million dollars. The Commonwealth's utilized grape production ranked 5th nationally.

◆ **Pears** - The utilized production of pears in Pennsylvania totaled 4,000 tons, up 5 percent from 2006. The utilized crop was valued at 2.9 million dollars. The Commonwealth ranked 5th nationally in utilized pear production.

◆ **Peaches** - Utilized peach production in Pennsylvania totaled 19,400 tons in 2007, down 9 percent from 2006. The season-average price of \$903 per ton was down \$10 from 2006. The total value of utilized production was 17.5 million dollars. Nationally, Pennsylvania ranked 3rd in utilized peach production.

◆ **Tart Cherries** - Utilized tart cherry production in Pennsylvania totaled 3.5 million pounds, down 1,700,000 pounds from last year's crop. The season average price was 0.398 dollars per pound, compared with 0.283 dollars per pound in 2006. The total value of utilized production was 1.4 million dollars. Nationally, Pennsylvania ranked 6th in utilized production of tart cherries.



Usual Dates of Full Bloom, Harvest and Marketing for Principal Pennsylvania Fruit Crops

Crop	April				May				June				July				August				September				October				November				Marketing							
	5	10	15	20	25	30	5	10	15	20	25	30	5	10	15	20	25	30	5	10	15	20	25	30	5	10	15	20	25	30	5	10	15	20	25	30	Most Active	Ends		
Apples																																							Oct 1	Jun 1
Peaches																																							Aug 15	Sep 30
Cherries-tart																																							July 10	July 30
Pears																																							Aug 15	Oct 31
Grapes																																							Sep 30	Nov 1

**Key:** Full Bloom (Solid Black) Harvesting (Diagonal Lines) Begin Most Active (Horizontal Lines) Ends (Vertical Line)

Pennsylvania: Fruit Crops - Acres, Production and Value, 1999-2007

Fruit and Year	Bearing Acres	Yield Per Acre	Total Production	Utilized Production	Price Per Unit	Value of Utilized Production <sup>1</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>Million Pounds</i>		<i>Dols./Lb.</i>	<i>1,000 Dols.</i>
<b>Apples</b>						
1999	23,000	22,000	505.0	505.0	0.109	55,020
2000	23,000	20,700	475.0	475.0	0.114	54,337
2001	23,000	20,900	480.0	480.0	0.096	46,080
2002	22,000	16,800	370.0	369.0	0.101	37,150
2003	22,000	20,100	442.0	442.0	0.103	45,425
2004	22,100	18,300	405.0	400.0	0.101	40,353
2005	21,800	22,900	500.0	495.0	0.100	49,550
2006	21,000	22,400	470.0	467.0	0.128	59,813
2007	21,500	21,900	470.0	467.0	0.142	66,489
<b>Tart Cherries</b>						
1999	1,100	6,550	7.2	7.2	0.293	2,112
2000	1,000	6,100	6.1	5.6	0.149	832
2001	900	4,330	3.9	3.9	0.127	497
2002	800	4,750	3.8	3.8	0.558	2,121
2003	800	4,880	3.9	3.9	0.434	1,694
2004	800	3,750	3.0	3.0	0.353	1,060
2005	800	3,250	2.6	2.6	0.315	819
2006	700	7,430	5.2	5.2	0.283	1,474
2007	600	5,830	3.5	3.5	0.398	1,392
<b>Grapes</b>						
			<i>Tons</i>		<i>Dols./Ton</i>	
1999	12,500	7.04	88,000	88,000	275	24,192
2000	12,300	5.12	63,000	63,000	265	16,688
2001	12,100	5.08	61,500	61,500	304	18,709
2002	12,000	4.43	53,200	53,200	294	15,615
2003	12,000	7.08	85,000	68,000	231	15,741
2004	12,000	7.23	86,800	86,800	213	18,460
2005	12,000	7.50	90,000	90,000	214	19,221
2006	12,100	6.78	82,000	82,000	251	20,607
2007	12,100	6.94	84,000	84,000	249	20,913
<b>Peaches</b>						
1999	5,700	6.60	37,500	36,500	644	23,505
2000	5,700	5.25	30,000	29,000	574	16,650
2001	4,600	8.15	37,500	37,000	670	24,810
2002	4,500	6.65	30,000	29,500	670	19,792
2003	4,500	8.11	36,500	35,500	660	23,397
2004	4,500	5.11	23,000	22,700	710	16,114
2005	4,500	5.91	26,600	26,600	715	19,011
2006	4,300	5.02	21,600	21,300	913	19,454
2007	4,300	4.51	19,400	19,400	903	17,524
<b>Pears</b>						
1999	1,000	4.10	4,100	4,000	425	1,700
2000	1,000	4.60	4,600	4,400	509	2,241
2001	1,000	5.50	5,500	5,200	569	2,960
2002	900	4.22	3,800	3,500	480	1,681
2003	900	5.78	5,200	4,900	697	3,414
2004	900	5.00	4,500	4,400	564	2,482
2005	800	2.63	2,100	2,100	597	1,254
2006	800	4.88	3,900	3,800	712	2,706
2007	800	5.00	4,000	4,000	717	2,869
<b>Sweet Cherries</b>						
1999	2	2	800	750	2,600	1,950
2000	2	2	500	500	2,180	1,090
2001	2	2	580	580	2,260	1,311
2002	2	2	355	355	2,480	880
2003	2	2	340	340	2,360	802
2004	2	2	400	350	2,980	1,043
2005 <sup>3</sup>	-	-	-	-	-	-
2006 <sup>3</sup>	-	-	-	-	-	-
2007 <sup>3</sup>	-	-	-	-	-	-

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> Data not published to avoid disclosure of individual operations. <sup>3</sup> Estimates discontinued in 2005.

**Pennsylvania: Apples - Utilization and Price, 2002-2007**

Year	Fresh Market			Processed		
	Quantity	Price	Value of Production <sup>1</sup>	Quantity	Price	Value of Production <sup>1</sup>
	<i>Mil. Lbs.</i>	<i>Dols./Lb.</i>	<i>1,000 Dols.</i>	<i>Mil. Lbs.</i>	<i>Dols./Lb.</i>	<i>1,000 Dols.</i>
2002	74.0	0.215	15,910	295.0	0.072	21,240
2003	95.0	0.213	20,235	347.0	0.073	25,190
2004	110.0	0.172	18,920	290.0	0.074	21,433
2005	127.0	0.185	23,495	368.0	0.071	26,055
2006	132.0	0.257	33,924	335.0	0.078	25,889
2007	137.0	0.294	40,278	330.0	0.080	26,211

<sup>1</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Apples - Processing Utilization and Price, 2002-2007**

Year	Canned			Juice & Cider			Other
	Quantity	Price	Value of Production <sup>1</sup>	Quantity	Price	Value of Production <sup>1</sup>	Quantity
	<i>Mil. Lbs.</i>	<i>Dols./Lb.</i>	<i>1,000 Dols.</i>	<i>Mil. Lbs.</i>	<i>Dols./Lb.</i>	<i>1,000 Dols.</i>	<i>Mil. Lbs.</i>
2002	201.0	0.080	16,080	86.0	0.055	4,730	8.0
2003	263.0	0.080	21,040	75.0	0.050	3,750	9.0
2004	230.0	0.080	18,400	52.0	0.050	2,600	8.0
2005	267.0	0.080	21,360	92.0	0.043	3,910	<sup>2</sup>
2006	258.0	0.084	21,672	67.0	0.051	3,417	<sup>2</sup>
2007	230.0	0.083	19,090	90.0	0.070	6,300	<sup>2</sup>

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> Data no longer published.

**Pennsylvania: Grapes - Utilization and Price, 2002-2007**

Year	Fresh Market			Processed		
	Quantity	Price	Value of Production <sup>1</sup>	Quantity	Price	Value of Production <sup>1</sup>
	<i>Tons</i>	<i>Dols./Ton</i>	<i>1,000 Dols.</i>	<i>Tons</i>	<i>Dols./Ton</i>	<i>1,000 Dols.</i>
2002	1,000	790	790	52,200	284	14,825
2003	1,000	744	744	67,000	224	15,008
2004	500	650	325	86,300	210	18,135
2005	500	670	335	89,500	211	18,886
2006	300	700	210	81,700	250	20,397
2007	500	850	425	83,500	245	20,488

<sup>1</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Grapes - Processing Utilization and Price, 2002-2007**

Year	Juice <sup>1</sup>			Wine		
	Quantity	Price	Value of Production <sup>1</sup>	Quantity	Price	Value of Production <sup>2</sup>
	<i>Tons</i>	<i>Dols./Ton</i>	<i>1,000 Dols.</i>	<i>Tons</i>	<i>Dols./Ton</i>	<i>1,000 Dols.</i>
2002	45,900	284	13,036	6,300	288	1,814
2003	56,500	228	12,882	10,500	266	2,793
2004	73,000	175	12,775	13,300	403	5,360
2005	74,400	168	12,499	15,100	423	6,387
2006	65,500	210	13,755	16,200	410	6,642
2007	69,000	n/p	n/p	14,500	485	7,033

<sup>1</sup> Includes small quantity of other processed (jam, jelly, etc.). <sup>2</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Concord and Niagara Grapes - Processing Utilization, 2002-2007**

Concord Grapes		Niagara Grapes	
Year	Quantity	Year	Quantity
	<i>Tons</i>		<i>Tons</i>
2002	44,800	2002	4,200
2003	55,800	2003	6,200
2004	78,000	2004	3,600
2005	77,500	2005	6,000
2006	71,400	2006	5,000
2007	71,500	2007	5,600

**Pennsylvania: Wine Grapes – Quantity, Price and Value of Sales, 2004-2005**

Variety	2004			2005		
	Quantity	Average Price	Value of Sales	Quantity	Average Price	Value of Sales
	<i>Tons</i>	<i>Dols./Ton</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dols./Ton</i>	<i>Dollars</i>
Concord	10,300	239	2,458,600	10,500	225	2,362,500
Niagara	300	268	80,400	500	285	142,500
Vinifera	1,100	1,630	1,793,000	1,300	1,670	2,171,000
Hybrid	1,000	770.	770,000	1,800	750	1,350,000
Other	600	430	258,000	1,000	365	365,000
<b>Total</b>	<b>13,300</b>	<b>403</b>	<b>5,360,000</b>	<b>15,100</b>	<b>423</b>	<b>6,391,000</b>

**Pennsylvania: Wine Grapes – Quantity, Price and Value of Sales, 2006-2007**

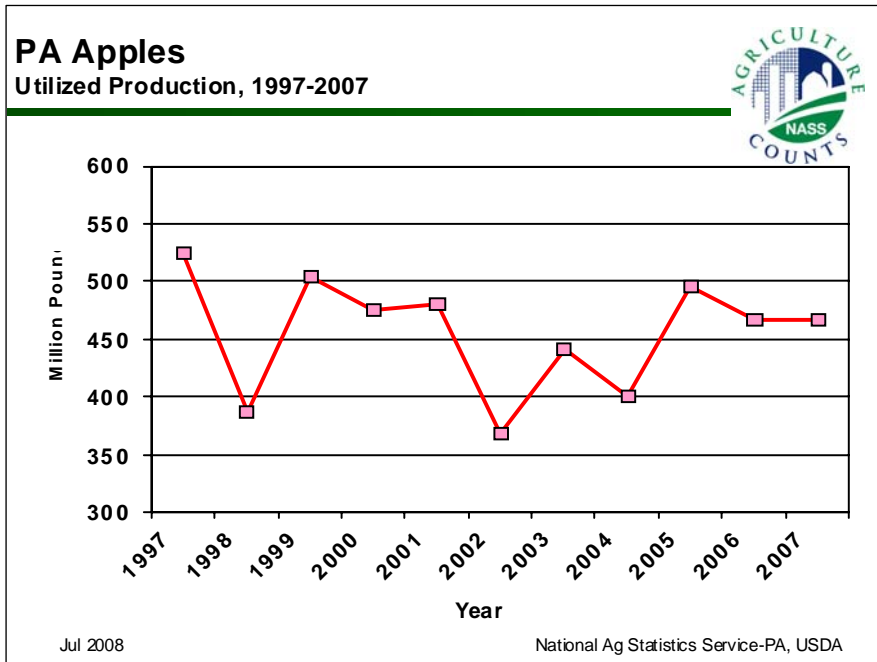
Variety	2006			2007		
	Quantity	Average Price	Value of Sales	Quantity	Average Price	Value of Sales
	<i>Tons</i>	<i>Dols./Ton</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dols./Ton</i>	<i>Dollars</i>
Concord	11,400	222	2,530,800	8,500	228	1,938,000
Niagara	500	265	132,500	600	260	156,000
Vinifera	1,300	1,876	2,360,700	1,400	1,830	2,562,000
Hybrid	1,600	775	1,240,000	2,500	780	1,950,000
Other	1,400	270	378,000	1,500	285	427,500
<b>Total</b>	<b>16,200</b>	<b>410</b>	<b>6,642,000</b>	<b>14,500</b>	<b>485</b>	<b>7,033,500</b>



Pennsylvania: Apples - Utilized Production and Value, 2006-2007

County & District	2006		2007	
	Production	Value of Production <sup>1</sup>	Production	Value of Production <sup>1</sup>
	1,000 Lbs.	Dols.	1,000 Lbs.	Dols.
Adams	291,000	37,285,000	299,500	42,639,000
Bedford	14,900	1,907,200	15,600	2,222,800
Berks	17,900	2,291,200	12,200	1,738,400
Centre	4,500	576,000	4,000	569,200
Chester	3,000	384,000	2,300	327,600
Columbia	3,000	384,000	2,600	370,400
Cumberland	5,400	691,200	6,000	854,500
Erie	4,400	563,200	5,600	796,200
Franklin	56,100	7,180,800	47,900	6,822,400
Lancaster	6,500	832,000	7,500	1,068,500
Lehigh	5,600	716,800	7,900	1,125,000
Lycoming	5,600	716,800	4,800	682,600
Schuylkill	6,400	819,200	6,100	868,800
Snyder	7,800	998,400	7,300	1,040,200
York	9,600	1,228,800	12,800	1,823,800
Northwestern	4,400	563,200	5,600	796,200
North Central	5,600	716,800	4,800	682,600
Central	15,300	1,958,400	13,900	1,979,800
East Central	12,000	1,536,000	14,000	1,993,800
South Central	377,000	48,293,000	381,800	54,362,500
Southeastern	27,400	3,507,200	22,000	3,134,500
Other counties/districts <sup>2</sup>	25,300	3,238,400	24,900	3,539,600
<b>Pennsylvania</b>	<b>467,000</b>	<b>59,813,000</b>	<b>467,000</b>	<b>66,489,000</b>

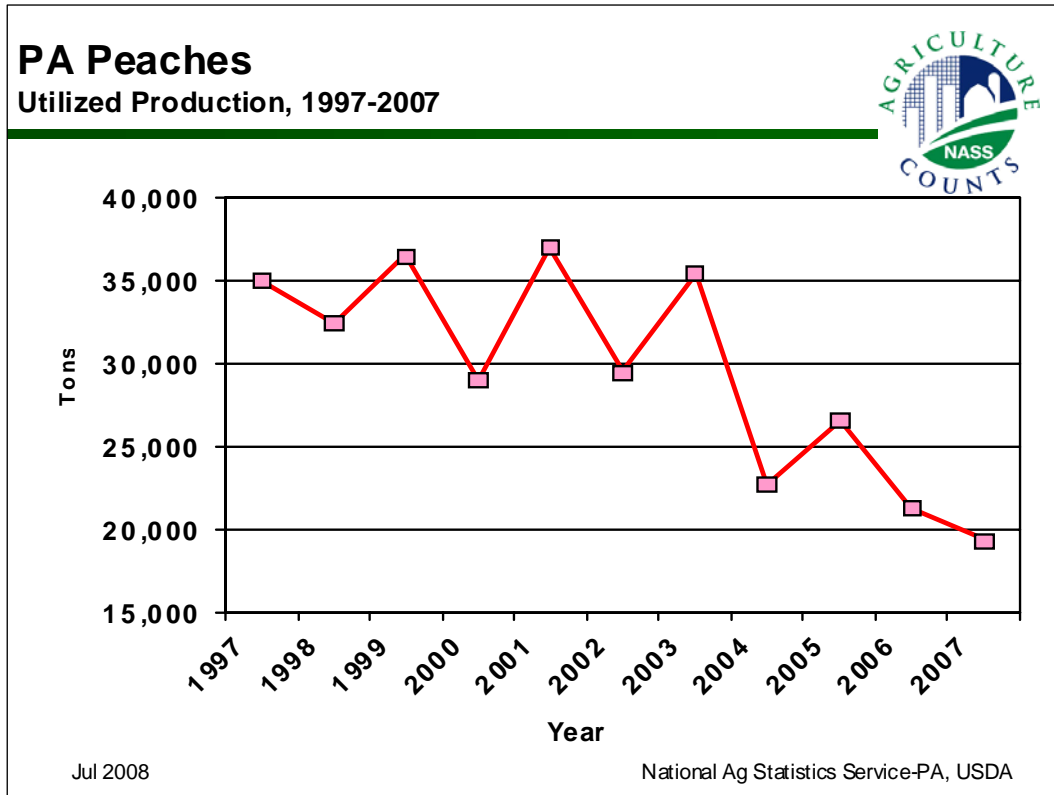
<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> Counties not shown separately included in 'Other counties/districts'.



Pennsylvania: Peaches - Utilized Production and Value, 2006-2007

County & District	2006		2007	
	Production	Value of Production <sup>1</sup>	Production	Value of Production <sup>1</sup>
	Tons	Dols.	Tons	Dols.
Adams	6,125	5,594,170	8,210	7,417,430
Berks	1,395	1,274,100	1,310	1,182,930
Bucks	330	301,400	370	334,110
Columbia	615	561,700	450	406,350
Erie	370	337,930	610	550,830
Franklin	2,940	2,685,200	2,320	2,095,960
Lancaster	1,450	1,324,330	1,570	1,417,710
Lehigh	655	598,230	490	442,470
Lycoming	220	200,930	-	-
Northampton	250	228,330	330	297,990
Schuylkill	365	333,370	430	388,290
Snyder	260	237,470	580	523,740
York	2,510	2,292,470	2,070	1,870,210
Northwestern	370	337,930	610	550,830
North Central	220	200,930	-	-
Central	875	799,200	1,030	930,090
East Central	1,270	1,159,900	1,250	1,128,750
South Central	11,575	10,571,840	12,600	11,383,600
Southeastern	3,175	2,899,830	3,250	2,934,750
Other counties/districts <sup>2</sup>	3,815	3,484,370	660	595,980
<b>Pennsylvania</b>	<b>21,300</b>	<b>19,454,000</b>	<b>19,400</b>	<b>17,524,000</b>

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> Counties not shown separately included in Other counties/districts. The district map and county listing can be found on the inside back cover of this publication.



# Maple Syrup, 2008

By Brijette L. Robinson

Pennsylvania's 2008 maple syrup production is estimated at 95,000 gallons, up 86 percent from last year's production of 51,000 gallons. The value of the syrup produced in 2007 is estimated at \$1.61 million, down from the \$2.15 million produced in the year 2006.

The number of taps in Pennsylvania totaled 475,000 during 2008, compared with 445,000 taps the year before. Pennsylvania's yield for the year 2008 averaged 0.200 gallons per tap, up from the 0.115 gallons per tap last year.

Nationally, maple syrup production in 2008 totaled 1.64 million gallons, up 30 percent from 2007. The number of taps is estimated at 7.46 million, up 2 percent from the 2007 total of 7.29 million, while the yield per tap is estimated to be 0.219 gallons, up 27 percent from 2007.

The 2008 season lasted an average of 30 days. This compares to 27 days in 2007. Sugar content of the sap for 2008 was up from the previous year. On average, approximately 39 gallons of sap were required to produce one gallon of syrup. This compares with 45 gallons in 2007 and 44 gallons in 2006. The majority of the syrup produced in each State this year was light to medium color.

The 2007 U.S. average price per gallon was \$33.20, up \$1.90 from the 2006 price of \$31.30. The U.S. value of production, at \$41.7 million for 2007, was down 8 percent from 2006. Value of production decreased in all States except Ohio.



Maple Syrup: Taps, Yield, and Production By State and United States, 2007-2008 <sup>1</sup>

State	Number of Taps		Yield per Tap		Production	
	2007	2008	2007	2008	2007	2008
	<i>1,000 Taps</i>		<i>Gallons</i>		<i>1,000 Gallons</i>	
CT	59	62	0.136	0.242	8	15
ME	1,310	1,270	0.172	0.169	225	215
MA	230	220	0.130	0.250	30	55
MI	400	405	0.150	0.247	60	100
NH	365	360	0.164	0.236	60	85
NY	1,470	1,480	0.152	0.218	224	322
OH	370	395	0.203	0.299	75	118
<b>PA</b>	<b>445</b>	<b>475</b>	<b>0.115</b>	<b>0.200</b>	<b>51</b>	<b>95</b>
VT	2,170	2,250	0.207	0.222	450	500
WI	470	540	0.160	0.241	75	130
<b>US</b>	<b>7,289</b>	<b>7,457</b>	<b>0.173</b>	<b>0.219</b>	<b>1,258</b>	<b>1,635</b>

<sup>1</sup> 2007 revised.

Maple Syrup: Price and Value by State and United States, 2006-2007 <sup>1</sup>

State	Average Price per Gallon		Value of Production	
	2006	2007	2006	2007
	<i>Dollars</i>		<i>1,000 Dollars</i>	
CT	58.20	53.90	582	431
ME	24.30	30.10	7,290	6,773
MA	47.90	46.10	1,916	1,383
MI	37.00	41.60	2,886	2,496
NH	43.90	46.80	2,810	2,808
NY	31.70	33.50	8,020	7,504
OH	34.00	39.00	2,652	2,925
<b>PA</b>	<b>32.50</b>	<b>31.60</b>	<b>2,145</b>	<b>1,612</b>
VT	30.20	29.10	13,892	13,095
WI	31.20	35.70	3,120	2,678
<b>US</b>	<b>31.30</b>	<b>33.20</b>	<b>45,313</b>	<b>41,705</b>

<sup>1</sup> Price and value for 2006 are revised. Price and value for 2008 are not available until June, 2009.



Maple Syrup: Percent of Sales by Type and State, 2006-2007

State	Retail		Wholesale		Bulk	
	2006	2007	2006	2007	2006	2007
	<i>Percent</i>					
CT	75	75	15	15	10	10
ME	6	3	2	5	92	92
MA	55	50	30	40	15	10
MI	43	55	37	25	20	20
NH	70	75	15	10	15	15
NY	40	46	20	16	40	38
OH	65	68	19	17	16	15
<b>PA</b>	<b>57</b>	<b>52</b>	<b>20</b>	<b>28</b>	<b>23</b>	<b>20</b>
VT	30	20	10	15	60	65
WI	30	39	35	31	35	30

Maple Syrup: Price by Type of Sales and Size of Container by State, 2006-2007<sup>1</sup>

Type and State	Gallons		½ Gallons		Quarts		Pints		½ Pints	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
	<i>Dollars</i>									
<b>Retail</b>										
CT	44.00	40.80	25.30	24.80	14.60	14.70	9.10	8.30	5.60	5.10
ME	39.80	38.30	20.20	21.20	11.00	11.80	6.40	7.00	4.50	4.50
MA	38.10	39.50	21.90	23.00	13.30	14.30	9.30	8.90	6.20	6.40
MI	34.10	34.30	18.30	20.90	10.90	11.80	6.50	6.80	4.50	4.60
NH	37.70	40.30	21.20	22.10	12.20	13.30	7.50	8.00	4.90	5.00
NY	32.90	34.10	19.10	19.80	11.40	12.00	7.00	7.80	4.40	4.80
OH	31.50	33.60	19.00	19.40	11.10	12.00	6.70	7.35	4.50	4.65
<b>PA</b>	<b>30.80</b>	<b>32.20</b>	<b>19.00</b>	<b>19.00</b>	<b>11.20</b>	<b>10.80</b>	<b>6.75</b>	<b>6.40</b>	<b>3.65</b>	<b>4.20</b>
VT	34.40	35.40	20.80	20.20	13.00	12.50	8.20	8.20	5.20	5.30
WI	31.60	31.20	17.60	17.30	9.10	9.60	5.80	6.25	4.25	4.50
<b>Wholesale</b>										
CT	35.00	40.60	18.10	21.40	12.80	12.40	8.30	7.20	4.60	4.80
ME	31.30	32.80	15.90	18.70	8.60	10.40	4.90	6.10	3.10	4.00
MA	28.40	34.60	16.00	19.50	10.40	10.70	6.00	6.30	3.80	4.20
MI	26.60	29.50	17.30	17.10	9.10	10.20	5.30	6.00	3.10	4.00
NH	29.70	29.50	17.70	18.40	9.60	10.10	5.70	5.40	3.50	3.00
NY	27.70	30.60	16.30	17.60	8.70	10.60	5.40	5.95	3.60	3.70
OH	25.10	33.50	15.40	18.30	8.90	9.80	5.50	6.00	3.60	3.40
<b>PA</b>	<b>29.00</b>	<b>21.30</b>	<b>16.70</b>	<b>16.80</b>	<b>8.95</b>	<b>9.00</b>	<b>5.20</b>	<b>5.60</b>	<b>3.50</b>	<b>3.30</b>
VT	27.80	29.40	17.20	18.20	9.90	10.20	5.40	6.40	3.60	3.70
WI	32.50	31.10	16.40	18.50	8.85	9.80	5.05	5.80	3.30	3.50
Type and State	Bulk All Grades		Bulk All Grades		All Sales					
	2006	2007	2006	2007	2006	2007				
	<i>Dollars per Pound</i>		<i>Dollars per Gallon</i>		<i>Equivalent per Gallon</i>					
<b>Bulk</b>										
CT <sup>2</sup>	1.85	1.95	20.40	21.50	58.20	53.90				
ME	1.95	2.65	21.50	29.20	24.30	30.10				
MA	1.80	1.95	19.80	21.50	47.90	46.10				
MI	1.80	2.30	20.00	25.50	37.00	41.60				
NH	1.85	2.05	20.40	22.60	43.90	46.80				
NY	1.80	2.05	19.90	22.60	31.70	33.50				
OH	1.85	2.05	20.30	22.70	34.00	39.00				
<b>PA</b>	<b>1.60</b>	<b>1.95</b>	<b>17.40</b>	<b>21.60</b>	<b>32.50</b>	<b>31.60</b>				
VT	1.85	2.05	20.40	22.60	30.20	29.10				
WI	1.80	2.05	19.80	22.50	31.20	35.70				

<sup>1</sup> Prices for 2006 are revised. Prices for 2008 are not available until June 2009. <sup>2</sup> Data not published to avoid disclosure of individual operations.

Pennsylvania: Maple Syrup Production and Value, 1980-2008

Year	Production	Value <sup>1</sup>	Year	Production	Value <sup>1</sup>	Year	Production	Value <sup>1</sup>
	<i>1,000 Gallons</i>	<i>1,000 Dollars</i>		<i>1,000 Gallons</i>	<i>1,000 Dollars</i>		<i>1,000</i>	<i>1,000 Dollars</i>
1980	56	857	1996	71	1,747	2003	52	1,425
1981	62	1,042	1997	63	1,638	2004	60	1,740
1982 <sup>2</sup>	-	-	1998	72	1,872	2005	61	1,922
1992	95	2,337	1999	67	1,742	2006	66	2,145
1993	40	964	2000	47	1,335	2007	51	1,612
1994	59	1,528	2001	69	1,746	2008	95	-
1995	43	1,079	2002	60	1,602			

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> Survey was discontinued from 1982-1991.

# Mushrooms

By Tenopra M. Shepphard

Pennsylvania growers produced 496.7 million pounds of Agaricus mushrooms during the 2007-2008 season. The Agaricus crop was valued at 453.0 million dollars, up 2 percent from the previous season.

Fresh market sales accounted for 405 million pounds, virtually no change from 2007-08. Processing sales, at 92 million pounds, were down 1 percent from last year.

Pennsylvania accounted for 63 percent of U.S. production of Agaricus mushrooms, the conventional button variety responsible for most of the nation's sales. The state's growers supplied 60 percent of the nation's fresh market sales and 78 percent of the mushrooms used in processing. This compares with last season's sales of 58 and 79 percent, respectively.

During the 2007-2008 season, Pennsylvania growers received an average of 98.7 cents per pound for fresh market sales and 58.1 cents per pound for sales to processors. Prices for mushrooms are the average prices producers received at the point of first sale.

**Statistics on specialty mushrooms grown in Pennsylvania are not published separately to avoid disclosure of individual operations. The data are included as part of the national statistics on specialty mushrooms.**

Pennsylvania & U.S.: Agaricus Mushroom Sales By Type and Percent of Total, July 1-June 30, 1999-2008

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume of Sales	Percent	Volume of Sales	Percent		Volume of Sales	Percent	Volume of Sales	Percent	
	<i>1,000 Lbs.</i>		<i>1,000 Lbs.</i>		<i>1,000 Lbs.</i>	<i>1,000 Lbs.</i>		<i>1,000 Lbs.</i>		<i>1,000 Lbs.</i>
1999-00	310,590	70	132,025	30	442,615	668,541	78	185,853	22	854,760
2000-01	343,450	76	109,556	24	453,006	692,630	82	153,579	18	854,394
2001-02	348,210	77	104,294	23	452,504	689,968	83	141,139	17	846,209
2002-03	357,293	77	104,111	23	461,404	697,248	83	139,150	17	831,107
2003-04	363,305	78	101,322	22	464,627	703,496	84	137,666	16	841,162
2004-05	385,473	78	109,959	22	495,432	696,319	83	141,764	17	838,083
2005-06	390,887	79	101,539	21	492,426	704,584	85	129,093	15	833,677
2006-07	403,564	81	93,002	19	496,566	696,709	86	117,140	14	813,849
2007-08	404,971	82	91,750	18	496,721	675,184	85	117,662	15	792,846

Pennsylvania & Other States: Agaricus Mushrooms - Area, Sales, Price and Value, July 1-June 30, 2006-2008

State	Number of Growers	Area In Production		Volume of Sales	Price Per Pound <sup>1</sup>	Value of Sales
		Growing Area	Total Fillings			
					<i>Cents</i>	<i>1,000 Dols.</i>
<b>2006-07</b>						
Pennsylvania	73	16,761	83,587	496,566	89.1	442,292
Other States	44	13,140	62,156	317,283	149.2	473,269
United States	117	29,901	145,743	813,849	112.0	915,561
<b>2007-08</b>						
Pennsylvania	69	16,364	78,083	496,721	91.2	453,013
Other States	39	12,053	61,700	296,125	155.0	460,573
United States	108	28,417	139,783	792,846	115.0	913,586

<sup>1</sup> Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold.

U.S.: Specialty Mushrooms - Number of Growers, Total Production, Volume of Sales, Price and Value of Sales by Variety, July 1, 2007 - June 30, 2008 <sup>1</sup>

Variety	Number of Growers <sup>2</sup>	Total Production <sup>3</sup>	All Sales		
			Volume of Sales <sup>4</sup>	Price Per Pound <sup>5</sup>	Value of Sales
Shiitake	166	10,190	9,890	2.81	27,794
Oyster	59	4,371	4,253	2.87	12,206
Other	26	2,086	2,045	4.86	9,936
<b>United States <sup>6</sup></b>	<b>191</b>	<b>16,647</b>	<b>16,188</b>	<b>3.08</b>	<b>49,936</b>

<sup>1</sup> Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or commercial indoor growing areas. <sup>2</sup> Growers counted only once for US total if growing more than one specialty type mushroom. Growers growing Agaricus and Specialty are included. <sup>3</sup> Total production includes all fresh market and processing sales plus amount harvested but not sold (shrinkage, cullage, dumped, etc.). <sup>4</sup> Virtually all specialty mushroom sales are for fresh market. <sup>5</sup> Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale. <sup>6</sup> AR, CA, CT, DE, FL, HI, IL, IN, KS, KY, ME, MA, MI, MN, MO, MT, NY, NC, OH, OR, PA, SC, TN, TX, VT, VA, WA, WV, and WI.

Pennsylvania: Agaricus Mushrooms - Area and Production, By County, 2007-2008

County	Number of Growers	Area In Production		Volume of Sales	Price per Pound	Value of Sales
		Growing Area	Total Fillings			
					<i>Cents</i>	<i>1,000 Dollars</i>
Chester	60	11,300	53,000	340,000	90.0	306,000
Other Counties	9	5,064	25,083	156,721	93.8	147,013
<b>Pennsylvania</b>	<b>69</b>	<b>16,364</b>	<b>78,083</b>	<b>496,721</b>	<b>91.2</b>	<b>453,013</b>

<sup>1</sup> Counties not shown separately included in Other Counties. The district map and county listing can be found on the inside back cover of this publication.

# Potato Summary, 2007

By Tyler D. Heep

**Potato Acreage:** Pennsylvania growers planted 10,500 acres in 2007, down 500 acres from 2006. Harvested acreage was estimated at 10,000 acres, also down 500 acres from 2006. Average yield per acre in 2007 decreased 40 cwt per acre from

2006 to 220 cwt. per acre. Total production was 2,200,000 cwt., down 19 percent from 2006. The marketing year average price for the 2007 crop is estimated at \$10.10 per cwt., \$0.30 below the average price in 2006.

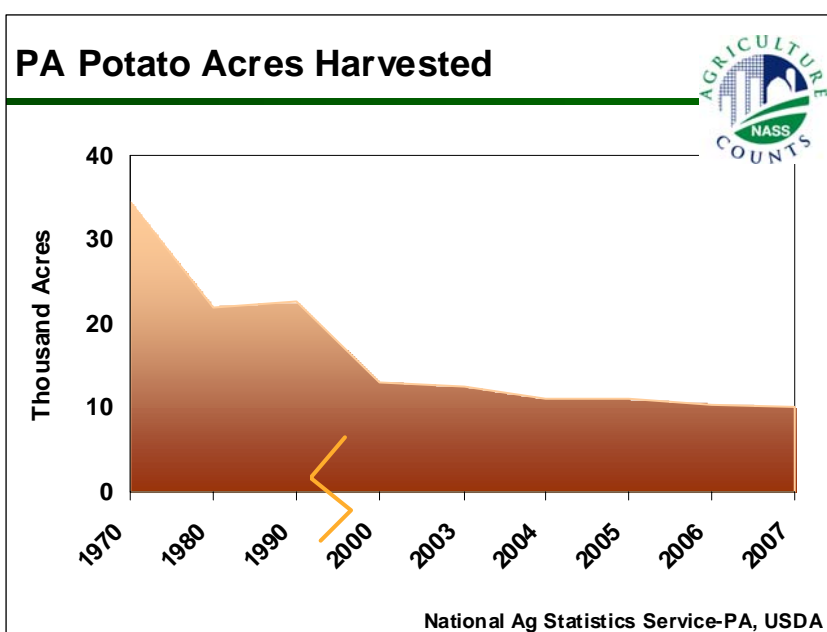
Pennsylvania: Potatoes - Acreage, Yield, Production and Value, 1970-2007

Year	Planted	Harvested	Yield Per Acre	Production	Price per Cwt.	Value of	
						Production <sup>1</sup>	Sales
	1,000 Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	
1970	35.0	34.5	240	8,280	2.65	21,942	19,528
1980	23.0	22.0	190	4,180	7.90	33,022	29,807
1990	23.0	22.5	240	5,400	7.55	40,770	38,082
2000	13.5	13.0	270	3,510	7.75	27,203	25,583
2003	13.0	12.5	270	3,375	7.05	23,794	21,474
2004	12.0	11.0	240	2,640	7.45	19,668	17,768
2005	11.5	11.0	250	2,750	11.40	31,350	28,386
2006	11.0	10.5	260	2,730	10.40	28,392	26,676
2007	10.5	10.0	220	2,200	10.10	22,220	21,109

<sup>1</sup> Value of production based on final State marketing year average price.

Pennsylvania: Potato Production and Farm Disposition, 1970-2007

Year	Production	Total Used for Seed	Farm Disposition		
			Where Grown		Sold
			Seed, Feed, Home	Shrink and Loss	
			--- 1,000 Cwt. ---		
1970	8,280	621	249	662	7,369
1980	4,180	396	135	272	3,773
1990	5,400	399	76	280	5,044
2000	3,510	252	44	165	3,301
2003	3,375	228	42	287	3,046
2004	2,640	253	39	216	2,385
2005	2,750	249	10	250	2,490
2006	2,730	280	5	160	2,565
2007	2,200	226	18	92	2,090



**Pennsylvania: Potatoes - Acreage, Yield, Production and Value, 2006 <sup>1</sup>**

County and District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>		<i>Cwt.</i>		<i>Dollars</i>
Cambria	1,900	1,820	267	486,230	5,056,792
Chester	550	520	263	136,600	1,420,640
Erie	1,660	1,600	253	405,000	4,212,000
Lancaster	530	510	259	132,000	1,372,800
Lehigh	500	440	261	114,800	1,193,920
Luzerne	420	390	261	101,700	1,057,680
Schuylkill	2,010	1,900	261	495,900	5,157,360
Northwestern, Other Counties	240	230	252	58,000	603,200
North Central, Other Counties	600	580	259	150,000	1,560,000
West Central, Other Counties	450	420	260	109,000	1,133,600
Central, Other Counties	1,000	980	259	253,770	2,639,208
East Central, Other Counties	170	160	260	41,600	432,640
South Central, Other Counties	500	500	262	131,000	1,362,400
Southeastern, Other Counties	70	70	249	17,400	180,960
Northwestern	1,900	1,830	253	463,000	4,815,200
North Central	600	580	259	150,000	1,560,000
West Central	450	420	260	109,000	1,133,600
Central	2,900	2,800	264	740,000	7,696,000
East Central	3,100	2,890	261	754,000	7,841,600
South Central	500	500	262	131,000	1,362,400
Southeastern	1,150	1,100	260	286,000	2,974,400
Other counties/districts <sup>3</sup>	400	380	255	97,000	1,008,800
<b>Pennsylvania</b>	<b>11,000</b>	<b>10,500</b>	<b>260</b>	<b>2,730,000</b>	<b>28,392,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> Counties not shown separately included in 'Other counties/districts'.

**Pennsylvania: Potatoes - Acreage, Yield, Production and Value, 2007 <sup>1</sup>**

County and District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>		<i>Cwt.</i>		<i>Dollars</i>
Cambria	1,600	1540	227	350,000	3,535,000
Chester	500	470	259	121,500	1,227,150
Clarion	330	300	263	79,000	797,900
Erie	2,000	1,920	208	400,000	4,040,000
Lancaster	420	400	248	99,000	999,900
Lehigh	370	350	200	70,000	707,000
Luzerne	400	370	208	77,000	777,700
Schuylkill	2,000	1,970	218	430,000	4,343,000
Northwestern, Other Counties	200	180	194	35,000	353,500
North Central, Other Counties	600	550	245	135,000	1,363,500
West Central, Other Counties	170	150	207	31,000	313,100
Central, Other Counties	900	860	209	180,000	1,818,000
East Central, Other Counties	130	110	209	23,000	232,300
South Central, Other Counties	450	400	205	82,000	828,200
Southeastern, Other Counties	80	80	206	16,500	166,650
Northwestern	2,200	2,100	207	435,000	4,393,500
North Central	600	550	245	135,000	1,363,500
West Central	500	450	244	110,000	1,111,000
Central	2,500	2,400	221	530,000	5,353,000
East Central	2,900	2,800	214	600,000	6,060,000
South Central	450	400	205	82,000	828,200
Southeastern	1,000	950	249	237,000	2,393,700
Other counties/districts <sup>3</sup>	350	350	203	71,000	717,100
<b>Pennsylvania</b>	<b>10,500</b>	<b>10,000</b>	<b>220</b>	<b>2,200,000</b>	<b>22,220,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price, released in the September **Potatoes Summary** report published by USDA, NASS. <sup>3</sup> Counties not shown separately included in 'Other counties/districts'.

**Pennsylvania: Potatoes - Acreage, Yield, Production and Value, 2006 <sup>1</sup>**

County and District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>		<i>Cwt.</i>		<i>Dollars</i>
Cambria	1,900	1,820	267	486,230	5,056,792
Chester	550	520	263	136,600	1,420,640
Erie	1,660	1,600	253	405,000	4,212,000
Lancaster	530	510	259	132,000	1,372,800
Lehigh	500	440	261	114,800	1,193,920
Luzerne	420	390	261	101,700	1,057,680
Schuylkill	2,010	1,900	261	495,900	5,157,360
Northwestern, Other Counties	240	230	252	58,000	603,200
North Central, Other Counties	600	580	259	150,000	1,560,000
West Central, Other Counties	450	420	260	109,000	1,133,600
Central, Other Counties	1,000	980	259	253,770	2,639,208
East Central, Other Counties	170	160	260	41,600	432,640
South Central, Other Counties	500	500	262	131,000	1,362,400
Southeastern, Other Counties	70	70	249	17,400	180,960
Northwestern	1,900	1,830	253	463,000	4,815,200
North Central	600	580	259	150,000	1,560,000
West Central	450	420	260	109,000	1,133,600
Central	2,900	2,800	264	740,000	7,696,000
East Central	3,100	2,890	261	754,000	7,841,600
South Central	500	500	262	131,000	1,362,400
Southeastern	1,150	1,100	260	286,000	2,974,400
Other counties/districts <sup>3</sup>	400	380	255	97,000	1,008,800
<b>Pennsylvania</b>	<b>11,000</b>	<b>10,500</b>	<b>260</b>	<b>2,730,000</b>	<b>28,392,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> Counties not shown separately included in 'Other counties/districts'.

**Pennsylvania: Potatoes - Acreage, Yield, Production and Value, 2007 <sup>1</sup>**

County and District	Planted	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	<i>Acres</i>		<i>Cwt.</i>		<i>Dollars</i>
Cambria	1,600	1540	227	350,000	3,535,000
Chester	500	470	259	121,500	1,227,150
Clarion	330	300	263	79,000	797,900
Erie	2,000	1,920	208	400,000	4,040,000
Lancaster	420	400	248	99,000	999,900
Lehigh	370	350	200	70,000	707,000
Luzerne	400	370	208	77,000	777,700
Schuylkill	2,000	1,970	218	430,000	4,343,000
Northwestern, Other Counties	200	180	194	35,000	353,500
North Central, Other Counties	600	550	245	135,000	1,363,500
West Central, Other Counties	170	150	207	31,000	313,100
Central, Other Counties	900	860	209	180,000	1,818,000
East Central, Other Counties	130	110	209	23,000	232,300
South Central, Other Counties	450	400	205	82,000	828,200
Southeastern, Other Counties	80	80	206	16,500	166,650
Northwestern	2,200	2,100	207	435,000	4,393,500
North Central	600	550	245	135,000	1,363,500
West Central	500	450	244	110,000	1,111,000
Central	2,500	2,400	221	530,000	5,353,000
East Central	2,900	2,800	214	600,000	6,060,000
South Central	450	400	205	82,000	828,200
Southeastern	1,000	950	249	237,000	2,393,700
Other counties/districts <sup>3</sup>	350	350	203	71,000	717,100
<b>Pennsylvania</b>	<b>10,500</b>	<b>10,000</b>	<b>220</b>	<b>2,200,000</b>	<b>22,220,000</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price, released in the September **Potatoes Summary** report published by USDA, NASS. <sup>3</sup> Counties not shown separately included in 'Other counties/districts'.

# Tobacco, 2007

By Pamela K. Kanagy

## Pennsylvania: Southern MD Type 32, PA Seedleaf Type 41, and Burley Type 31 Tobacco By County – Acreage, Yield, Production and Value, 2006-2007

County	2006				2007			
	Harvested	Yield Per Acre	Production	Value of Production <sup>1 3</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>1 3 5</sup>
	<i>Acres</i>	<i>Lbs.</i>	<i>1,000 Lbs.</i>	<i>1,000 Dols.</i>	<i>Acres</i>	<i>Lbs.</i>	<i>1,000 Lbs.</i>	<i>1,000 Dols.</i>
Chester	600	2,055	1,233	1,991	600	2,185	1,311	2,163
Clinton <sup>4</sup>	600	2,057	1,234	1,993	-	-	-	-
Lancaster	5,900	2,088	12,319	19,895	6,300	2,140	13,484	19,098
Lebanon <sup>4</sup>	100	2,060	206	333	-	-	-	-
Other Counties	700	1,783	1,248	2,016	1,000	2,405	2,405	3,308
<b>Pennsylvania<sup>2 5</sup></b>	<b>7,900</b>	<b>2,056</b>	<b>16,240</b>	<b>26,223</b>	<b>7,900</b>	<b>2,177</b>	<b>17,200</b>	<b>24,569</b>

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> Excludes varieties other than Burley, Southern MD and PA Seedleaf types. <sup>3</sup> May not add due to rounding. <sup>4</sup> Data not published in 2005. <sup>5</sup> Price and value for 2007 exclude Southern MD Belt tobacco to avoid disclosure of individual operations.

## Pennsylvania: Southern MD Type 32, PA Seedleaf Type 41, and Burley Type 31 Acreage, Yield, Production and Value, 1996-2007

Year and Type	Harvested	Yield Per Acre	Production	Value of Production <sup>1</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Dollars</i>
1996	8,200	2,051	16,817	27,376
1997	8,100	2,101	17,020	25,360
1998	7,800	2,015	15,720	17,301
1999	6,200	1,802	11,170	11,896
2000	5,100	1,994	10,170	12,933
2001 <sup>2</sup>	6,100	1,891	11,536	17,615
2002	7,900	1,922	15,185	21,956
2003	3,700	2,130	7,880	10,772
2004	4,000	2,025	8,100	10,953
2005 <sup>3</sup>	5,000	2,140	10,700	14,973
2006	7,900	2,056	16,240	26,223
2007 <sup>5</sup>	7,900	2,177	17,200	24,569
<b>2007:</b>				
PA Seedleaf Type 41	1,800	2,300	4,140	6,831
Southern MD Type 32 <sup>6</sup>	1,100	2,100	2,310	-
Burley Type 31 <sup>4</sup>	5,000	2,150	10,750	17,738

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> In 2001, Pennsylvania farmers began growing other tobacco in addition to the Southern MD and PA Seedleaf types. <sup>3</sup> In 2005, Pennsylvania farmers began growing Burley type tobacco in addition to the Southern MD and PA Seedleaf types. <sup>4</sup> Estimate began in 2005. <sup>5</sup> Price and value for 2007 exclude Southern MD Belt tobacco to avoid disclosure of individual operations. <sup>6</sup> Price and value for 2007 excluded to avoid disclosure of individual operations.

## Pennsylvania: PA Seedleaf Type 41 Tobacco Production, Stocks, Supplies, Disappearance and Prices, 1996-2007

Year <sup>1</sup>	Supply				Average Price
	Production	Beginning Stocks	Total Supply	Total Disappearance	
	<i>Million Pounds</i>				<i>Cents/Lb.</i>
1996	10.3	17.9	28.2	15.0	155.0
1997	10.8	13.2	24.0	11.0	160.0
1998	9.5	13.0	22.1	10.7	130.0
1999	5.9	11.4	17.3	7.8	130.0
2000	5.0	9.5	14.6	2.5	<sup>2</sup>
2001	4.1	12.1	16.2	4.0	165.0
2002	4.4	12.3	16.7	6.0	145.0
2003	5.3	10.7	15.9	6.2	140.0
2004	4.1	9.7	13.9	4.0	145.0
2005	2.9	9.9	12.8	2.0	145.0
2006 <sup>3</sup>	2.6	10.8	13.4	6.4	155.0
2007 <sup>4</sup>	4.0	7.0	11.0	-	-

Source: USDA, Agricultural Marketing Service and Economic Research Service. <sup>1</sup> October 1 <sup>2</sup> PA Seedleaf Type 41 price not published and not included in total value of production. <sup>3</sup> Subject to revision. <sup>4</sup> October 2007 crop estimate.

Pennsylvania: PA Seedleaf and Southern MD Tobacco Acreage, Yield, Production and Value, 1990-2007

Year	PA Seedleaf Type 41				Southern MD Type 32			
	Harvested	Yield Per Acre	Production	Value of Production <sup>1</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>1</sup>
	Acres	Lbs.	1,000 Lbs.	1,000 Dols.	Acres	Lbs.	1,000 Lbs.	1,000 Dols.
1990	6,400	2,050	13,120	18,237	3,600	1,850	6,660	11,588
1995	4,800	2,150	10,320	14,964	3,500	1,925	6,737	9,482
1998	4,500	2,100	9,450	12,285	3,300	1,900	6,270	5,016
1999	3,200	1,850	5,920	7,696	3,000	1,750	5,250	4,200
2000	2,400	2,100	5,040	8,316	2,700	1,900	5,130	4,617
2001 <sup>2</sup>	2,000	2,060	4,120	6,798	1,100	1,860	2,046	2,762
2002	2,100	2,100	4,410	6,395	1,300	1,850	2,405	3,006
2003	2,400	2,200	5,280	7,392	1,300	2,000	2,600	3,380
2004	1,800	2,300	4,140	6,003	2,200	1,800	3,960	4,950
2005	1,300	2,200	2,860	4,147	1,500	2,000	3,000	4,050
2006	1,300	2,000	2,600	4,030	1,100	1,900	2,090	3,135
2007 <sup>3</sup>	1,800	2,300	4,140	6,831	1,100	2,100	2,310	-

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> In 2001, Pennsylvania farmers began growing other tobacco in addition to the Maryland and Pennsylvania types. <sup>3</sup> Price and value excluded to avoid disclosure of individual operations.

Pennsylvania: Other and Burley Tobacco Acreage, Yield, Production and Value, 1990-2007

Year	Other tobacco <sup>1</sup>				Burley Type 31 <sup>4</sup>			
	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	Acres	Lbs.	1,000 Lbs.	1,000 Dols.	Acres	Lbs.	1,000 Lbs.	1,000 Dols.
1990	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-
2001 <sup>3</sup>	3,000	1,790	5,370	8,055	-	-	-	-
2002	4,500	1,860	8,370	12,555	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005 <sup>4</sup>	-	-	-	-	2,200	2,200	4,840	6,776
2006	-	-	-	-	5,500	2,100	11,550	19,058
2007	-	-	-	-	5,000	2,150	10,750	17,738

<sup>1</sup> Varieties other than Maryland and Pennsylvania types. <sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> In 2001, Pennsylvania farmers began growing other tobacco in addition to the Maryland and Pennsylvania types. <sup>4</sup> In 2005, Pennsylvania farmers began growing Burley tobacco in addition to the Maryland and Pennsylvania types.



Pennsylvania: PA Seedleaf and Southern MD Tobacco Acreage, Yield, Production and Value, 1990-2007

Year	PA Seedleaf Type 41				Southern MD Type 32			
	Harvested	Yield Per Acre	Production	Value of Production <sup>1</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>1</sup>
	Acres	Lbs.	1,000 Lbs.	1,000 Dols.	Acres	Lbs.	1,000 Lbs.	1,000 Dols.
1990	6,400	2,050	13,120	18,237	3,600	1,850	6,660	11,588
1995	4,800	2,150	10,320	14,964	3,500	1,925	6,737	9,482
1998	4,500	2,100	9,450	12,285	3,300	1,900	6,270	5,016
1999	3,200	1,850	5,920	7,696	3,000	1,750	5,250	4,200
2000	2,400	2,100	5,040	8,316	2,700	1,900	5,130	4,617
2001 <sup>2</sup>	2,000	2,060	4,120	6,798	1,100	1,860	2,046	2,762
2002	2,100	2,100	4,410	6,395	1,300	1,850	2,405	3,006
2003	2,400	2,200	5,280	7,392	1,300	2,000	2,600	3,380
2004	1,800	2,300	4,140	6,003	2,200	1,800	3,960	4,950
2005	1,300	2,200	2,860	4,147	1,500	2,000	3,000	4,050
2006	1,300	2,000	2,600	4,030	1,100	1,900	2,090	3,135
2007 <sup>3</sup>	1,800	2,300	4,140	6,831	1,100	2,100	2,310	-

<sup>1</sup> Value of production based on final State marketing year average price. <sup>2</sup> In 2001, Pennsylvania farmers began growing other tobacco in addition to the Maryland and Pennsylvania types. <sup>3</sup> Price and value excluded to avoid disclosure of individual operations.

Pennsylvania: Other and Burley Tobacco Acreage, Yield, Production and Value, 1990-2007

Year	Other tobacco <sup>1</sup>				Burley Type 31 <sup>4</sup>			
	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>	Harvested	Yield Per Acre	Production	Value of Production <sup>2</sup>
	Acres	Lbs.	1,000 Lbs.	1,000 Dols.	Acres	Lbs.	1,000 Lbs.	1,000 Dols.
1990	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-
2001 <sup>3</sup>	3,000	1,790	5,370	8,055	-	-	-	-
2002	4,500	1,860	8,370	12,555	-	-	-	-
2003	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-
2005 <sup>4</sup>	-	-	-	-	2,200	2,200	4,840	6,776
2006	-	-	-	-	5,500	2,100	11,550	19,058
2007	-	-	-	-	5,000	2,150	10,750	17,738

<sup>1</sup> Varieties other than Maryland and Pennsylvania types. <sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> In 2001, Pennsylvania farmers began growing other tobacco in addition to the Maryland and Pennsylvania types. <sup>4</sup> In 2005, Pennsylvania farmers began growing Burley tobacco in addition to the Maryland and Pennsylvania types.





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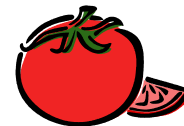
# Commercial Vegetable Production, 2007

By Mark A. Linstedt

**Production:** Pennsylvania's total production of both fresh market and processing principal vegetables for 2007 was 169,550 tons. Fresh market production in 2007 was down 16 percent and processing was up 3 percent.



**Yield:** Sweet corn yields decreased 9 percent for fresh market. Tomato yields increased 20 percent for fresh market over the previous year level. Strawberry yields decreased 18 percent; snap bean yields for processing increased 2 percent from 2006.



Sweet corn production decreased 22 percent for fresh market. Fresh market tomato production increased 9 percent from 2006. Strawberry production was down 18 percent, while snap bean production for processing increased 2 percent from a year ago. Total pumpkin production for fresh market and processing was 732,000 cwt., down 34 percent from 2006.



**Acreage:** Total harvested acreage for fresh market vegetables and snap beans for processing was 36,300 acres. Fresh market harvested acreage decreased 12 percent to 25,500 and snap beans for processing harvested acreage was unchanged from a year ago.

**Value:** The combined value of both fresh and processing vegetables was \$104,171,000. The fresh market section totaled \$96,230,000, down 7 percent. Fresh market prices per hundredweight were higher for strawberries, tomatoes, cantaloups, and pumpkins, but lower for cabbage and sweet corn. Processing vegetable prices per ton were higher for snap beans.



Pennsylvania: Total Principal Vegetables, Fresh and Processing, 1991-2007

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value <sup>1</sup>	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
	Acres		1,000 Cwt.	1,000 Dols.	Acres		1,000 Tons	1,000 Dols.	Acres		1,000 Cwt.	1,000 Dols.
1991 <sup>2</sup>	25,400	21,600	1,064	28,305	11,900	10,900	49	5,276	37,300	32,500	2,036	33,581
1992 <sup>3</sup>	28,200	26,800	2,458	43,533	9,000	9,000	65	6,948	37,200	35,800	3,758	50,481
1993	28,300	26,400	2,163	39,742	10,200	10,100	54	5,942	38,500	36,500	3,243	45,414
1994	27,600	25,600	2,346	40,819	11,000	10,900	65	7,185	38,600	36,500	3,646	48,004
1995	27,400	24,700	1,866	32,093	13,100	12,500	70	7,741	40,500	37,200	3,266	39,834
1996	27,200	24,400	2,200	40,781	10,700	9,900	59	7,696	37,900	34,300	3,380	48,477
1997	27,200	22,600	1,872	44,148	13,200	12,900	69	8,690	40,400	35,500	3,252	52,838
1998	27,000	24,400	2,088	45,587	11,200	10,900	67	8,182	38,200	35,300	3,428	53,769
1999	28,600	22,300	1,666	36,525	15,300	13,700	65	7,453	43,900	36,000	2,966	43,978
2000 <sup>4</sup>	35,600	32,580	3,385	65,857	12,500	11,900	83	10,079	48,100	44,480	5,045	75,936
2001	37,300	31,180	2,538	51,371	10,550	10,150	73	9,458	47,850	41,330	3,998	60,829
2002 <sup>5</sup>	38,400	31,700	2,973	61,986	10,600	10,500	75	9,255	49,000	42,200	4,473	71,241
2003	37,900	33,700	2,822	59,568	10,600	9,970	68	8,649	48,500	43,670	4,182	68,217
2004 <sup>6</sup>	38,200	34,100	3,682	78,898	15,700	15,200	55	10,911	53,900	49,300	4,782	89,809
2005 <sup>7</sup>	35,500	31,300	3,267	82,203	11,200	10,800	34	6,695	46,700	42,100	3,947	88,898
2006	33,400	29,100	3,265	103,568	10,900	10,800	32	6,730	44,300	39,900	3,905	110,298
2007	29,100	25,500	2,731	96,230	10,900	10,800	33	7,941	40,000	36,300	3,391	104,171

<sup>1</sup> Farm value. <sup>2</sup> Beginning in 1982, fresh market crops include only sweet corn, tomatoes and strawberries. Processing includes snap beans, sweet corn and tomatoes. <sup>3</sup> Beginning in 1992, fresh market crops include only sweet corn, tomatoes, cabbage and cantaloups. <sup>4</sup> Beginning in 2000, fresh market crops include only sweet corn, tomatoes, cabbage, cantaloups, pumpkins and bell peppers. <sup>5</sup> Beginning in 2002, bell peppers were dropped from the estimating program. <sup>6</sup> Beginning in 2004, tomatoes were dropped from the vegetables for processing program. <sup>7</sup> Processing estimates after 2005 do not include sweet corn to avoid disclosure of individual operations.

**Pennsylvania: Principal Vegetables for Fresh Market, 2003-2007**

Crop	Year	Area Planted	Area Harvested	Yield Per Acre	Production	Farm Value <sup>1</sup>	
						Per Cwt.	Total
		<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 Cwt.</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
Cabbage	2003	1,800	1,500	195	293	10.70	3,135
	2004	1,900	1,600	210	336	11.90	3,998
	2005	1,500	1,300	170	221	18.20	4,022
	2006	1,400	1,300	230	299	20.00	5,980
	2007	1,300	1,200	270	324	14.20	4,601
Cantaloups	2003	1,400	1,200	88	106	21.90	2,321
	2004	1,300	1,100	90	99	26.80	2,653
	2005	1,100	1,000	140	140	29.40	4,116
	2006	1,100	1,000	145	145	30.10	4,365
	2007	900	900	160	144	33.50	4,824
Sweet Corn	2003	20,900	18,800	62	1,166	24.90	29,033
	2004	21,800	19,600	71	1,392	22.10	30,763
	2005	20,300	17,700	61	1,080	29.40	31,752
	2006	19,200	16,500	68	1,122	35.20	39,494
	2007	16,600	14,200	62	880	32.60	28,688
Pumpkins <sup>2</sup>	2003	9,100	8,000	100	816	12.90	10,526
	2004	9,000	8,100	160	1,300	12.40	16,120
	2005	8,700	7,500	175	1,313	12.30	16,150
	2006	8,000	6,900	160	1,104	16.60	18,326
	2007	7,000	6,100	120	732	23.90	17,495
Tomatoes	2003	4,700	4,200	105	441	33.00	14,553
	2004	4,200	3,700	150	555	45.70	25,364
	2005	3,900	3,800	135	513	51.00	26,163
	2006	3,700	3,400	175	595	59.50	35,403
	2007	3,300	3,100	210	651	62.40	40,622
Strawberries	2003	1,300	1,300	64	83	134.00	11,122
	2004	1,300	1,300	61	79	164.00	12,956
	2005	1,300	1,300	54	70	183.00	12,810
	2006	1,300	1,300	57	74	167.00	12,358
	2007	1,300	1,300	47	61	187.00	11,407

<sup>1</sup> F.O.B. farm value. <sup>2</sup> Includes processing total for dual usage crops.

**Pennsylvania: Principal Vegetables for Processing, 2003-2007**

Crop	Year	Area Planted	Area Harvested	Yield Per Acre	Production	Farm Value <sup>1</sup>	
						Per Ton	Total
		<i>Acres</i>	<i>Acres</i>	<i>Tons</i>		<i>Dollars</i>	<i>1,000 Dollars</i>
Sweet Corn	2003	1,200	770	5.16	3,970	85.90	341
	2004	1,700	1,700	4.70	7,990	94.20	753
	2005	1,300	1,300	5.10	6,630	94.70	628
	2006	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>
	2007	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>
Snap Beans	2003	7,900	7,800	2.97	23,190	198.00	4,589
	2004	14,000	13,500	3.46	46,760	217.00	10,158
	2005	9,900	9,500	2.88	27,380	222.00	6,067
	2006	10,900	10,800	3.01	32,480	207.00	6,730
	2007	10,900	10,800	3.07	33,170	239.00	7,941

<sup>1</sup> Value at processing plant door. <sup>2</sup> Estimates not published after 2005 to avoid disclosure of individual operations.

# Floriculture Crops, 2007

By Brijette L. Robinson

**For the complete report with many more details, search on the keyword 'floriculture' at [www.nass.usda.gov](http://www.nass.usda.gov)**

The 2007 wholesale value of sales by commercial flower and foliage producers in Pennsylvania totaled \$161.4 million, down 6 percent from 2006. Pennsylvania ranked eighth nationally in wholesale sales of floriculture crops.

The value of sales at wholesale of potted flowering plants was \$34.3 million, down \$4,316,000 from 2006. Pennsylvania ranked sixth nationally for the value of sales at wholesale of potted flowering plants. Sales of foliage plants for indoor or patio use were \$5.0, up 19 percent from 2006. Sales of all bedding and garden plants in flats, pots and baskets totaled \$73.1 million, down \$7.6 million from 2006.

The total covered growing area for Pennsylvania in 2007 was 18.9 million square feet, down 11 percent from 2006. The types of covered growing area were: glass greenhouses, 2.3 million square feet; fiberglass and other rigid greenhouses, 1.7 million square feet; film plastic (single/multi) greenhouses, 14.6 million square feet; and shade and temporary cover, 379,000 square feet. Growers also used 523 acres of open grown in 2007. There were 703 growers in 2007, compared to 729 growers in 2006.

**Pennsylvania: Number of Growers, Reported Gross Value of Sales, 2006-2007**

Value of Sales	2006	2007
	<i>Number</i>	
\$10,000 - \$19,999	91	92
\$20,000 - \$39,999	128	105
\$40,000 - \$49,999	50	51
\$50,000 - \$99,999	247	248
\$100,000 - \$499,999	159	154
\$500,000 or More	54	53
TOTAL	729	703
	<i>1,000 Dollars</i>	
Expanded wholesale value <sup>1</sup>	171,121	161,378

<sup>1</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

**Pennsylvania: Growing Area by Type of Cover, All Operations with \$100,000+ Sales, 2006-2007**

Type of Cover	2006	2007
	<i>Number</i>	
Total number of growers	213	207
	<i>1,000 Square Feet</i>	
Glass greenhouses	2,909	1,872
Fiberglass & other rigid greenhouses	1,542	1,188
Film plastic (single/multi) greenhouses	11,259	10,899
TOTAL GREENHOUSE COVER	15,710	13,959
Shade and temporary cover	202	200
TOTAL COVERED AREA	15,912	14,159
	<i>Acres</i>	
Open ground	280	289

**Pennsylvania: Growing Area by Type of Cover, All Operations with \$10,000+ Sales, 2006-2007**

Type of Cover	2006	2007
	<i>Number</i>	
Total number of growers	729	703
	<i>1,000 Square Feet</i>	
Glass greenhouses	3,359	2,257
Fiberglass & other rigid	2,092	1,672
Film plastic (single/multi)	15,516	14,599
TOTAL GREENHOUSE COVER	20,967	18,528
Shade and temporary cover	362	379
TOTAL COVERED AREA	21,329	18,907
	<i>Acres</i>	
Open ground	534	523

**Pennsylvania: Floriculture Crops - Wholesale Value of Sales by Category for Operations with \$100,000+ Sales, 2006-2007**

Category	2006	2007
	<i>1,000 Dollars</i>	
Annual bedding/garden plants	62,539	56,564
Herbaceous perennial plants	18,163	16,512
Total bedding/garden plants	80,708	73,076
Total potted flowering plants	38,607	34,291
Total foliage for indoor or patio use	4,204	5,008
Total cut flowers	1,880	1,416
Propagative materials	21,242	23,099
TOTAL wholesale value (reported crops)	146,641	136,890

<sup>1</sup> Includes annual bedding plants and herbaceous perennials.

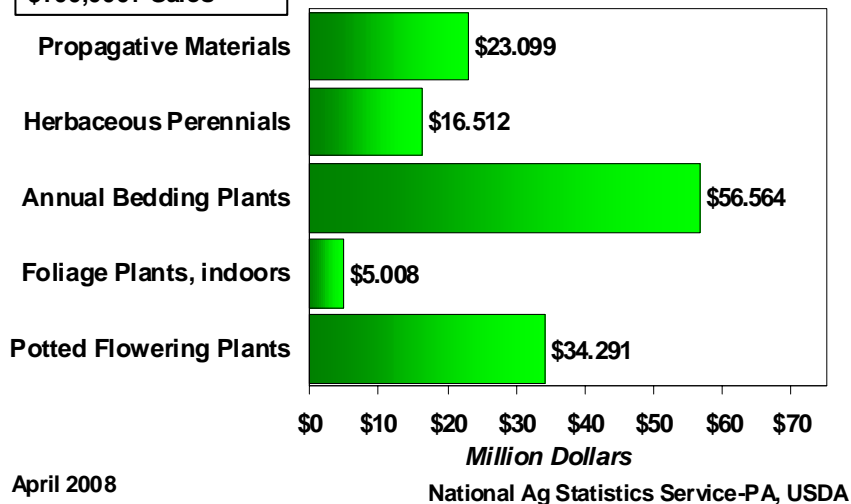
\* Not published due to disclosure of individual operations.



## PA Floriculture Crops, 2007

### Wholesale Value of Sales = \$136.9 million

From 207 Farms with  
\$100,000+ Sales



#### Pennsylvania: Cut Flowers - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2006-2007

Type	Year	Producers	Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale <sup>1</sup>
	<i>Number</i>	<i>Number</i>	<i>1,000 Spikes</i>	<i>Percent</i>	<i>Cents per Spike</i>	<i>1,000 Dollars</i>
Snapdragons <sup>2</sup>	2006	5	118	86	42.5	50
			<i>1,000 Stems</i>		<i>Cents per Stem</i>	
Tulips <sup>2</sup>	2007	4	105	75	57.1	60
Iris	2006	6	79	72	40.9	32
	2007	3	32	38	40.0	13
Lisianthus	2006	5	28	26	90.2	25
	2007	5	39	29	46.1	18

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Values not published for other years.

#### Pennsylvania: Potted Flowering Plants - Producers and Pots Sold for Operations with \$100,000+ Sales, 2006-2007

Flower Type	Producers		Quantity Sold				Percent of Sales at Wholesale		Wholesale Price				Value of All Sales at Wholesale <sup>1</sup>	
	2006	2007	Less Than 5 Inch		5 Inch or More		2006	2007	Less Than 5 Inch		5 Inch or More		2006	2007
			2006	2007	2006	2007			2006	2007	2006	2007		
Finished florist azaleas <sup>2 3</sup>	16	18	( <sup>2</sup> )	( <sup>2</sup> )	27	15	78	70	( <sup>2</sup> )	( <sup>2</sup> )	5.35	7.49	144	112
Florist chrysanthemums	56	56	159	152	220	273	90	87	2.77	2.86	3.17	3.78	1,306	1,266
Easter lilies <sup>2 3</sup>	66	67	( <sup>2</sup> )	( <sup>2</sup> )	777	666	95	95	( <sup>2</sup> )	( <sup>2</sup> )	3.84	3.64	2,984	2,424
Orchids <sup>2 3</sup>	-	6	-	( <sup>2</sup> )	-	36	-	40	-	( <sup>2</sup> )	-	17.38	-	626
Poinsettias	121	110	1,016	695	2,916	1,956	91	88	1.61	1.77	3.74	4.18	12,542	9,406
Spring flowering bulbs	65	64	528	727	1,133	661	93	91	1.39	1.34	3.15	3.49	4,303	3,281
Other potted flowering plants	68	61	2,567	2,510	4,060	4,056	96	97	1.42	1.42	3.04	3.12	15,988	16,219

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Quantity and price combined into pot size with greatest production to avoid disclosing data of individual operations. <sup>3</sup> Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

#### Pennsylvania: Foliage Plants for Indoor or Patio Use, Potted Foliage - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2006-2007

Producers		Percent of Sales at Wholesale		Value of Sales at Wholesale <sup>1</sup>	
2006	2007	2006	2007	2006	2007
<i>Number</i>		<i>Percent</i>		<i>1,000 Dollars</i>	
29	28	80	72	2,975	3,672

<sup>1</sup> Equivalent wholesale value of sales.

**Pennsylvania: Foliage Plants for Indoor or Patio Use Foliage Hanging Basket - Producers,  
Quantity Sold, Price and Value for Operations with \$100,000 + Sales, 2006-2007**

Producers		Total Quantity Sold		Percent of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale	
2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
<i>Number</i>		<i>1,000 Baskets</i>		<i>Percent</i>		<i>Dollars Per Basket</i>		<i>1,000 Dollars</i>	
64	67	262	263	89	88	4.69	5.08	1,229	1,336

**Pennsylvania: Potted Herbaceous Perennials - Price and Value  
for Operations with \$100,000+ Sales, 2006-2007**

Flower Type	Year	Producers	Quantity Sold					Percent of Sales at Wholesale	Wholesale Price					Value of All Sales at Wholesale <sup>1</sup>
			Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger		Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger	
	<i>Number</i>	<i>Number</i>	<i>1,000 Pots</i>					<i>Percent</i>	<i>Dollars Per Pot</i>					<i>1,000 Dols</i>
Hardy/garden Chrysanthemum	2006	122	289	3,097	-	-	-	82	1.11	2.19	-	-	-	7,103
	2007	120	409	2,776	-	-	-	82	0.99	2.39	-	-	-	7,040
Hosta	2006	70	-	-	44	61	36	77	-	-	2.82	4.11	5.38	568
	2007	68	-	-	34	70	5	82	-	-	2.59	4.80	6.42	456
Other herbaceous Perennials	2006	104	-	-	1,857	1,963	135	84	-	-	1.90	3.16	5.68	10,498
	2007	110	-	-	2,562	1,605	92	87	-	-	1.33	3.15	6.01	9,016

<sup>1</sup> Equivalent wholesale value of all sales.

**Pennsylvania: Annual Bedding/Garden Plants Flats (Only) - Producers, Quantity Sold,  
Price and Value for Operations with \$100,000+ Sales, 2006-2007**

Annual Bedding/ Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale <sup>1</sup>
<i>Flats (ONLY)</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Flats</i>	<i>Percent</i>	<i>Dollars per Flat</i>	<i>1,000 Dollars</i>
Begonias	2006	130	140	75	7.29	1,021
	2007	126	111	71	7.89	876
Geraniums from vegetative cuts	2006	10	24	93	16.10	386
	2007	-	-	-	-	-
Geraniums from seed	2006	18	7	58	11.36	80
	2007	17	8	32	12.10	97
New Guinea Impatiens <sup>2</sup>	2006	6	33	83	7.96	263
	2007	6	25	76	8.30	208
Impatiens	2006	148	541	77	7.59	4,106
	2007	144	409	71	7.77	3,178
Marigolds	2006	146	333	84	7.87	2,621
	2007	140	227	76	8.01	1,818
Pansy/Viola	2006	142	318	82	8.08	2,569
	2007	138	231	78	7.96	1,839
Petunias	2006	151	429	79	8.41	3,608
	2007	146	370	77	8.92	3,300
All other flowering & foliar plants	2006	138	769	74	7.26	5,583
	2007	130	683	73	7.49	5,116
Vegetative type bedding plants	2006	134	236	68	6.90	1,628
	2007	132	215	61	7.72	1,610

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Values not published for other years.

**Pennsylvania: Annual Bedding/Garden Plants Potted (Only) - Producers, Quantity, Price and Value for Operations with \$100,000+ Sales, 2006-2007**

Annual Bedding/Garden Plants	Year	Producers	Quantity Sold		Total	Percent of Sales at Wholesale	Wholesale Price		Value of Sales at Wholesale <sup>1</sup>
			Less Than 5 Inch	5 Inch or More			Less Than 5 Inch	5 Inch or More	
<i>Potted Plants (ONLY)</i>		<i>Number</i>	<i>1,000 Pots</i>			<i>Percent</i>	<i>Dollars Per Pot</i>		<i>1,000 Dols.</i>
Begonias	2006	79	603	101	704	74	1.09	1.95	854
	2007	85	443	104	547	88	1.33	1.92	789
Geraniums from vegetative cuts	2006	159	3,323	511	3,834	77	1.47	3.51	6,678
	2007	154	3,114	394	3,508	76	1.55	3.44	6,182
Geraniums from seed <sup>2 3</sup>	2006	47	1,759	( <sup>2</sup> )	1,759	92	0.82	( <sup>2</sup> )	1,449
	2007	47	1,434	( <sup>2</sup> )	1,434	92	0.82	( <sup>2</sup> )	1,182
New Guinea Impatiens	2006	151	952	131	1,083	71	1.54	2.79	1,832
	2007	148	650	101	751	66	1.47	3.16	1,275
Impatiens	2006	60	484	175	659	90	0.73	3.20	913
	2007	63	488	129	617	90	0.80	2.41	701
Marigolds	2006	41	208	72	280	85	0.79	1.59	279
	2007	42	203	71	274	85	0.83	1.62	284
Pansy/Viola	2006	49	1,640	139	1,779	97	0.70	2.75	1,530
	2007	51	1,096	133	1,229	95	0.76	2.38	1,150
Petunias	2006	97	874	432	1,306	91	0.83	2.83	1,948
	2007	99	729	405	1,134	90	1.03	2.62	1,812
All other flowering & foliar plants	2006	114	4,735	1,941	6,676	87	1.02	3.28	11,196
	2007	114	4,523	1,948	6,471	88	1.06	3.45	11,515
Vegetative type bedding plants	2006	84	693	255	948	75	1.24	1.94	1,354
	2007	85	862	232	1,094	72	1.52	1.82	1,732

<sup>1</sup> Equivalent wholesale value of all sales. <sup>2</sup> Pot sizes have been combined to avoid disclosure of individual operations. <sup>3</sup> Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

**Pennsylvania: Annual Bedding/Garden Plants Hanging Baskets (Only) - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2006-2007**

Annual Bedding/Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale <sup>1</sup>
<i>Hanging Baskets (ONLY)</i>		<i>Number</i>	<i>1,000 Baskets</i>	<i>Percent</i>	<i>Dollars per Basket</i>	<i>1,000 Dollars</i>
Begonias	2006	89	90	78	5.49	494
	2007	88	84	78	5.48	460
Geraniums from vegetative cuts	2006	116	215	78	6.79	1,460
	2007	111	190	79	6.84	1,300
Geraniums from seed	2006	6	5	64	6.43	32
	2007	7	15	51	3.40	51
New Guinea Impatiens	2006	112	254	85	6.56	1,666
	2007	110	202	82	6.59	1,331
Impatiens	2006	86	214	91	4.28	916
	2007	83	181	90	4.33	784
Pansy/Viola	2006	41	41	90	6.31	259
	2007	41	21	82	6.84	144
Petunias	2006	126	217	77	6.77	1,469
	2007	126	273	80	4.90	1,338
All other flowering & foliar plants	2006	118	1,123	74	5.65	6,345
	2007	117	1,074	73	5.68	6,100

<sup>1</sup> Equivalent wholesale value of all sales.

**Pennsylvania: Propagative (Unfinished) Floriculture Material - Total Value of Sales by Category for Operations with \$100,000+ Sales, 2006-2007**

Year	Potted Flowering Plants	Annual Bedding/ Garden Plants	Herbaceous Perennial Plants
	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
2006	-	-	17,953
2007	112	1,688	19,301

<sup>1</sup> Missing data were not included in order to avoid disclosure of individual operators.

# Nursery, 2006

By Brijette L. Robinson

Nursery crop producers in Pennsylvania reported a value of sales totaling \$113.9 million for the year of 2006. This data was gathered from nursery crop producers who responded to the Nursery Production Survey conducted in February 2007. This is the third multi-state survey on nursery production conducted by NASS. It is meant to supplement the more comprehensive Decennial Census of Horticultural Specialties.

The total gross sales for coniferous evergreens were \$34 million in the year 2006. Gross sales for Christmas trees, cut and to be cut, totaled

\$17.3 million in the same year. Coniferous evergreens ranked fifth nationally, and Christmas trees ranked fourth nationally for their gross sales. The gross sales in 2006 for propagative material were \$22.4 million. Pennsylvania ranked fifth nationally for the gross sales of propagative material.

There were 498 nursery operations in Pennsylvania for the year 2006. Pennsylvania ranked second nationally for the total production area for nursery crops. There was 2.04 billion square feet of production area in the state.

Pennsylvania: Number of Operations by Reported Gross Value of Sales, 2003 and 2006

Value of Sales	2003	2006
	<i>Number</i>	
\$10,000 - \$99,999	406	351
\$100,000 - \$249,999	75	71
\$250,000 - \$499,999	33	31
\$500,000 - \$999,999	19	19
\$1,000,000 - \$1,999,999	9	11
\$2,000,000 - \$4,999,999	17	11
\$5,000,000 - \$9,999,999	1	1
\$10,000,000 or more	1	1
<b>Total</b>	<b>559</b>	<b>498</b>

<sup>1</sup> Highest published sales range contains operations with greater sales to prevent disclosure of individual operations.

Pennsylvania: Nursery Crops - Value of Sales by Category for Operations with \$100,000+ Sales, 2003 and 2006

Category	2003	2006
	<i>1,000 Dollars</i>	
Broadleaf evergreens	14,064	11,957
Coniferous evergreens	27,858	34,054
Deciduous evergreens	13,785	13,256
Deciduous flowering trees	8,214	5,323
Deciduous shrubs and other ornamentals	7,877	7,612
Fruit and nut plants	1	1
Christmas trees cut and to be cut	13,905	17,290
Woody Ornamentals	1,451	2,058
Transplants for vegetable and strawberry	1 <sup>2</sup>	1 <sup>2</sup>
Propagative material	26,617	22,369
<b>Total gross sales</b>	<b>113,771</b>	<b>113,919</b>

<sup>1</sup> Missing data were not included in order to avoid disclosure of individual operations.

Pennsylvania: Nursery Crops - Operations & Area in Production for Operations with \$10,000+ Sales, 2003 and 2006

Number of Operations		Total Production Area	
2003	2006	2003	2006
<i>Number</i>		<i>1,000 Square Feet</i>	
559	498	2,259,588	2,040,307

Pennsylvania: Transplants for Commercial Truck Crop Production & Propagation Material or Lining-out Stock - Producers, Sales & Percent Wholesale for Operations with \$100,000+ Sales, 2003 and 2006

Category	Producers		Gross Sales		Percent of Sales at Wholesale	
	2003	2006	2003	2006	2003	2006
	<i>Number</i>		<i>1,000 Dollars</i>		<i>Percent</i>	
Propagation material	35	34	26,617	22,369	98	98
Transplants <sup>1</sup>	-	3	-	-	-	-

<sup>1</sup> Missing data were not included in order to avoid disclosure of individual operations.

Pennsylvania: Christmas Trees, Cut & To Be Cut - Plants Sold, Sales, Percent Wholesale & Intentions January 1 for Operations with \$100,000+ Sales

Category	Year	Producers	Quantity Sold	Gross Sales	Percent of Sales at Wholesale	Number of Trees on Hand Jan 1	Percentage of January 1 Inventory Expected to Sell In:							
							1 year	2 years	3 years	4 years <sup>1</sup>	5 years	6 years	7 years	8 years or later
		<i>Number</i>	<i>1,000 Trees</i>	<i>1,000 Dols.</i>	<i>Percent</i>	<i>1,000 Trees</i>	<i>Percent of Inventory</i>							
Christmas trees, cut and to be cut	2003	71	723	13,905	87	8,086	7	8	8	9	15	10	16	27
	2006	72	873	17,290	73	8,076	9	10	10	10	13	11	14	23

<sup>1</sup> In 2004, it was enumerated for years 1, 2, 3, 4, 5, 6, 7, and 8+.

Pennsylvania: Nursery Crops - Plants Sold, Sales, Percent Wholesale and Inventory January 1, for Operations with \$100,000+ Sales

Category	Year	Producers	Quantity Sold	Gross Sales	Percent of Sales at Wholesale	Number of Trees and Plants on Hand Jan 1	Percent of Plants Sold by Category:			
							Bare Root	Balled & Burlap	Container	Other
		<i>Number</i>	<i>1,000 Plants</i>	<i>1,000 Dols.</i>	<i>Percent</i>	<i>1,000 Plants</i>	<i>Percent</i>			
Broadleaf evergreens	2003	55	824	14,064	85	1,539	1	33	66	-
	2006	52	731	11,957	94	1,849	-	28	72	-
Coniferous evergreens	2003	106	1,108	27,858	90	5,380	-	78	14	8
	2006	102	1,315	34,054	86	13,661	-	79	18	3
Deciduous shade trees	2003	79	208	13,785	83	777	2	88	10	-
	2006	77	251	13,256	87	615	1	74	25	-
Deciduous flowering trees	2003	74	149	8,214	74	387	4	77	19	-
	2006	69	104	5,323	84	276	-	63	37	-
Deciduous shrubs	2003	51	822	7,405	82	1,177	-	22	78	-
	2006	50	490	6,949	90	1,407	1	17	81	1
Fruit and nut plants <sup>1</sup>	2003	-	-	-	-	-	-	-	-	-
	2006	-	-	-	-	-	-	-	-	-
Ornamental grasses	2003	16	73	472	78	61	-	4	96	-
	2006	22	89	663	82	70	-	1	99	-
Other woody ornamentals	2003	16	156	1,451	91	646	8	-	92	-
	2006	23	162	2,058	97	520	15	5	75	5

<sup>1</sup> Missing data were not included in order to avoid disclosure of individual operations.



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# Crop Summary by County, 2007

By Tyler D. Heep

## Pennsylvania: Summary - Principal Crops Harvested by County, 2007

County	Field and Forage Crops <sup>1</sup>		Vegetable Crops <sup>2</sup>		Fruit <sup>3</sup>	Value of Production Principal Crops
	Acres Harvested	Value of Production	Acres Harvested	Value of Production	Value of Production	
	Acres	1,000 Dollars	Acres	1,000 Dollars	1,000 Dollars	1,000 Dollars
Adams	114,000	39,798	402	793	52,158	92,750
Allegheny	10,000	3,385	612	1,873	254	5,512
Armstrong	64,300	22,265	98	320	113	22,698
Beaver	27,000	10,655	149	556	68	11,279
Bedford	99,100	41,335	453	689	2,363	44,387
Berks	144,500	73,123	677	2,012	3,444	78,579
Blair	61,500	33,761	524	1,199	124	35,084
Bradford	136,200	53,619	245	706	88	54,413
Bucks	45,300	18,130	1,237	2,980	1,128	22,238
Butler	73,100	32,542	903	2,539	117	35,198
Cambria	42,100	17,276	1,705	3,927	111	21,314
Cameron	1,200	473	208	1,744	17	2,234
Carbon	10,100	4,442	222	1,840	77	6,359
Centre	79,800	37,038	323	901	921	38,860
Chester	108,500	64,032	1,031	2,937	1,063	68,032
Clarion	53,800	18,928	435	1,295	116	20,339
Clearfield	29,500	12,057	44	107	47	12,211
Clinton	24,800	10,185	535	2,110	136	12,431
Columbia	53,000	23,327	3,693	4,507	947	28,780
Crawford	107,700	51,395	312	851	89	52,335
Cumberland	108,200	45,591	895	2,116	1,794	49,500
Dauphin	62,500	24,641	283	1,471	209	26,321
Delaware	1,500	913	113	265	111	1,289
Elk	8,300	2,700	79	220	90	3,010
Erie	71,600	32,892	2,666	6,339	20,646	59,877
Fayette	57,700	19,673	472	1,200	33	20,906
Forest	2,600	1,026	20	60	8	1,094
Franklin	182,600	78,718	480	1,909	9,438	90,065
Fulton	45,200	16,988	209	1,754	111	18,853
Greene	46,200	13,993	333	318	28	14,339
Huntingdon	69,300	34,657	516	2,075	42	36,774
Indiana	75,400	32,032	390	1,084	357	33,473
Jefferson	42,200	14,893	130	329	79	15,301
Juniata	51,500	22,786	49	171	81	23,038
Lackawanna	14,100	4,675	535	2,556	292	7,523
Lancaster	314,500	213,136	4,550	16,118	3,967	233,221
Lawrence	46,700	21,309	224	623	83	22,015
Lebanon	104,900	57,966	299	739	248	58,953
Lehigh	55,300	28,036	708	1,714	2,694	32,445
Luzerne	26,400	11,251	1,507	7,861	418	19,529
Lycoming	67,300	28,188	1,102	3,277	774	32,239
McKean	14,300	4,985	32	89	81	5,155
Mercer	101,600	52,838	499	1,310	217	54,365
Mifflin	47,000	23,423	136	400	96	23,919
Monroe	11,000	4,065	164	494	120	4,679
Montgomery	29,400	12,172	940	2,222	537	14,931
Montour	19,100	7,566	208	237	120	7,923
Northampton	60,800	30,895	403	1,006	611	32,512
Northumberland	78,200	30,445	580	2,149	207	32,801
Perry	74,700	33,004	147	794	128	33,926
Philadelphia	-	-	-	-	-	-
Pike	2,500	1,230	207	1,742	21	2,993
Potter	33,600	14,736	1,782	2,908	29	17,673
Schuylkill	56,200	20,663	3,006	7,027	1,681	29,371
Snyder	50,800	18,434	557	1,989	1,775	22,198
Somerset	99,300	45,095	121	345	89	45,529
Sullivan	12,700	5,064	110	241	10	5,315
Susquehanna	71,500	24,966	55	137	40	25,143
Tioga	91,600	32,237	110	306	115	32,658
Union	42,700	16,849	71	222	51	17,122
Venango	22,400	9,428	66	230	46	9,704
Warren	25,600	11,154	218	1,814	90	13,058
Washington	93,200	32,035	401	1,201	257	33,493
Wayne	40,900	13,243	79	270	27	13,540
Westmoreland	75,300	33,749	852	2,104	100	35,953
Wyoming	27,800	8,282	169	695	32	9,009
York	203,400	102,385	3,339	4,582	5,094	112,061

Table continued on next page. See footnotes at end of table.

**Pennsylvania: Summary - Principal Crops Harvested By County, 2007, Continued**

District <sup>4</sup>	Field and Forage Crops <sup>1</sup>		Vegetable Crops <sup>2</sup>		Fruit <sup>3</sup>	Value of Production Principal Crops
	Acres Harvested	Value of Production	Acres Harvested	Value of Production	Value of Production	
	<i>Acres</i>	<i>1,000 Dollars</i>	<i>Acres</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Northwestern	332,700	159,045	3,961	10,958	21,096	191,098
North Central	392,000	152,657	4,753	12,965	1,340	166,961
Northeastern	155,400	51,506	838	3,658	391	55,555
West Central	383,800	152,930	2,479	7,059	933	160,922
Central	766,500	336,676	9,696	21,967	4,859	363,501
East Central	222,700	100,656	6,327	21,916	5,623	128,194
Southwestern	382,900	148,225	2,791	7,041	761	156,027
South Central	752,500	324,815	6,178	12,671	70,958	408,444
Southeastern	749,500	439,785	8,927	27,440	10,498	477,723
Other <sup>5</sup>	1,900	3,441	350	717	4,136	8,294
<b>Pennsylvania</b>	<b>4,139,900</b>	<b>1,869,736</b>	<b>46,300</b>	<b>126,391</b>	<b>120,594</b>	<b>2,116,720</b>

<sup>1</sup> Includes winter wheat, oats, barley, soybeans, corn for grain, corn for silage, all forage and tobacco. <sup>2</sup> Includes potatoes; fresh market: sweet corn, tomatoes, cabbage, cantaloupe and pumpkins; and processing market snap beans. <sup>3</sup> Includes apples, peaches, tart cherries, sweet cherries, pears, strawberries and grapes. <sup>4</sup> Includes data that cannot be disclosed by county. <sup>5</sup> Includes data that cannot be disclosed by district.



# Crop Weather Summary

By Tyler D. Heep

## Crop and Weather Summary - Dates of First and Last Freeze, Selected Pennsylvania Stations, 2007 and Normal

Area and Station	County	Last Spring Minimum of 32° F.			First Fall Minimum of 32° F.		
		2007		Normal	2007		Normal
		Date	Low Temp.	Date	Date	Low Temp.	Date
<b>Pocono Mountains:</b> Stroudsburg	Monroe	Apr 21	32	May 05	Oct 29	28	Oct 07
<b>East Central Mountains:</b> Allentown	Lehigh	Apr 11	24	Apr 20	Oct 29	30	Oct 18
<b>South East Piedmont:</b> Lancaster	Lancaster	Apr 14	29	Apr 14	Oct 29	31	Oct 21
<b>Lower Susquehanna:</b> York	York	Apr 14	27	May 02	Oct 29	29	Oct 13
<b>Middle Susquehanna:</b> Williamsport	Lycoming	Apr 14	29	Apr 30	Oct 29	29	Oct 15
<b>Upper Susquehanna:</b> Montrose	Susquehanna	May 23	32	May 14	Sep 17	31	Sep 29
	Tioga	May 15	31	May 14	Oct 29	26	Oct 01
<b>Central Mountains:</b> Philipsburg	Centre	May 19	31	May 26	Sep 17	32	Sep 24
	Elk	May 20	32	May 24	Oct 28	31	Sep 28
<b>South Central Mountains:</b> Altoona	Blair	Apr 15	29	May 02	Oct 29	28	Oct 13
	Cambria	May 19	32	May 26	Sep 17	32	Sep 21
<b>South West Plateau:</b> Butler	Butler	Apr 21	32	May 13	Oct 29	27	Oct 07
	Somerset	May 14	32	May 10	Oct 29	29	Oct 04
	Washington	Apr 14	30	Apr 30	Oct 29	31	Oct 20
<b>North West Plateau:</b> Titusville	Crawford	May 14	30	May 22	Oct 14	32	Sep 28

## Pennsylvania – Field Work and Crop Development, Selected, 2007 Data As Reported in the 'Weekly Crop Progress & Condition' Survey, State Average

Oats % Planted				Oats % Harvested				Wheat % Planted			
Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average
Apr 08	10	28	16	Jul 22	8	19	14	Sep 16	8	9	9
Apr 15	12	49	32	Jul 29	24	24	23	Sep 23	14	19	15
Apr 22	28	69	53	Aug 05	54	52	43	Sep 30	31	26	26
Apr 29	44	87	72	Aug 12	60	72	63	Oct 07	42	42	42
May 06	71	91	83	Aug 19	88	93	79	Oct 14	68	66	58
May 13	91	97	90	Aug 26	97	99	92	Oct 21	73	76	74
May 20	94	99	93					Oct 28	83	81	83
May 27	96	100	97					Nov 04	93	94	90
								Nov 11	97	99	95
Wheat % Harvested				Barley % Planted				Barley % Harvested			
Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average
Jul 08	46	38	29	Sept 09	6	3	12	Jul 01	72	63	62
Jul 15	82	67	54	Sept 16	11	11	19	Jul 08	91	85	85
Jul 22	95	92	79	Sept 23	29	30	34	Jul 15	97	92	91
				Sept 30	52	43	51				
				Oct 07	59	51	65				
				Oct 14	73	81	82				
				Oct 21	83	93	91				
				Oct 28	90	95	95				
				Nov 04	98	98	98				

Continued on next page.

Pennsylvania – Field Work and Crop Development Selected Dates 2006-2007, Continued  
Data As Reported in the 'Weekly Crop Progress & Condition' Survey, State Average

Soybeans % Planted				Soybeans % Harvested				Corn % Planted			
Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average
May 13	19	23	20	Sep 30	8	5	6	Apr 29	7	31	20
May 20	43	40	33	Oct 07	21	9	13	May 06	32	55	41
May 27	67	63	49	Oct 14	35	23	22	May 13	62	73	60
Jun 03	78	76	66	Oct 21	47	37	32	May 20	74	81	69
Jun 10	88	86	77	Oct 28	55	49	41	May 27	89	88	79
Jun 17	94	92	84	Nov 04	70	66	54	Jun 03	94	93	87
Jun 24	98	96	88	Nov 11	86	68	65	Jun 10	97	96	91
				Nov 18	88	76	75				

Corn Average Height (Inches)				Corn % Harvested				Tobacco % Harvested			
Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average
Jun 10	11	12	10	Sep 09	6	4	6	Aug 12	7	9	8
Jun 17	19	16	15	Sep 16	11	9	11	Aug 19	15	19	18
Jun 24	26	22	21	Sep 23	20	17	17	Aug 26	30	27	38
Jul 01	40	33	31	Sep 30	23	22	27	Sep 02	54	28	52
Jul 08	58	52	44	Oct 07	30	25	36	Sep 09	73	54	71
Jul 15	59	69	55	Oct 14	41	41	46	Sep 16	83	78	87
Jul 22	71	76	66	Oct 21	48	49	52	Sep 23	90	91	94
				Oct 28	51	60	60	Sep 30	95	93	96
				Nov 04	67	65	69				
				Nov 11	76	74	80				
				Nov 18	87	82	86				

Potatoes % Planted				Potatoes % Harvested				Peaches % Harvested			
Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average
May 06	23	47	43	Aug 05	5	6	7	Jul 15	9	10	11
May 13	59	72	59	Aug 12	5	11	11	Jul 22	14	17	21
May 20	72	78	68	Aug 19	9	22	19	Jul 29	28	26	32
May 27	88	93	84	Aug 26	10	25	23	Aug 05	32	37	42
Jun 03	95	98	92	Sep 02	11	25	27	Aug 12	57	58	55
				Sep 09	16	43	40	Aug 19	59	64	64
				Sep 16	29	47	50	Aug 26	74	74	74
				Sep 23	42	48	61	Sep 02	87	94	87
				Sep 30	61	70	77	Sep 09	95	98	94
				Oct 07	91	89	90				
				Oct 14	94	93	93				
				Oct 21	99	93	95				

Apples % Harvested				Spring Plowing % Complete				Fall Plowing % Complete			
Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average	Week Ending 2007	2007	2006	5-Year Average
Jul 29	10	10	10	Apr 01	9	33	15	Aug 12	5	10	5
Aug 05	17	19	14	Apr 08	14	45	23	Aug 19	15	15	10
Aug 12	22	26	17	Apr 15	19	61	38	Aug 26	18	21	18
Aug 19	27	31	21	Apr 22	27	73	54	Sep 02	23	22	17
Aug 26	30	33	26	Apr 29	43	81	66	Sep 09	26	26	22
Sep 02	37	37	32	May 06	64	88	77	Sep 16	34	27	27
Sep 09	42	43	36	May 13	79	92	84	Sep 23	43	44	34
Sep 16	55	48	42	May 20	88	96	88	Sep 30	49	47	42
Sep 23	64	63	51	May 27	92	99	93	Oct 07	59	50	52
Sep 30	70	69	58	Jun 03	93	100	95	Oct 14	65	65	62
Oct 07	77	78	73	Jun 10	96	100	97	Oct 21	70	67	67
Oct 14	82	86	81					Oct 28	73	69	70
Oct 21	87	92	86					Nov 04	79	80	77
Oct 28	93	96	92					Nov 11	82	82	80
Nov 04	94	100	95					Nov 18	85	84	83
Nov 11	98	100	97								

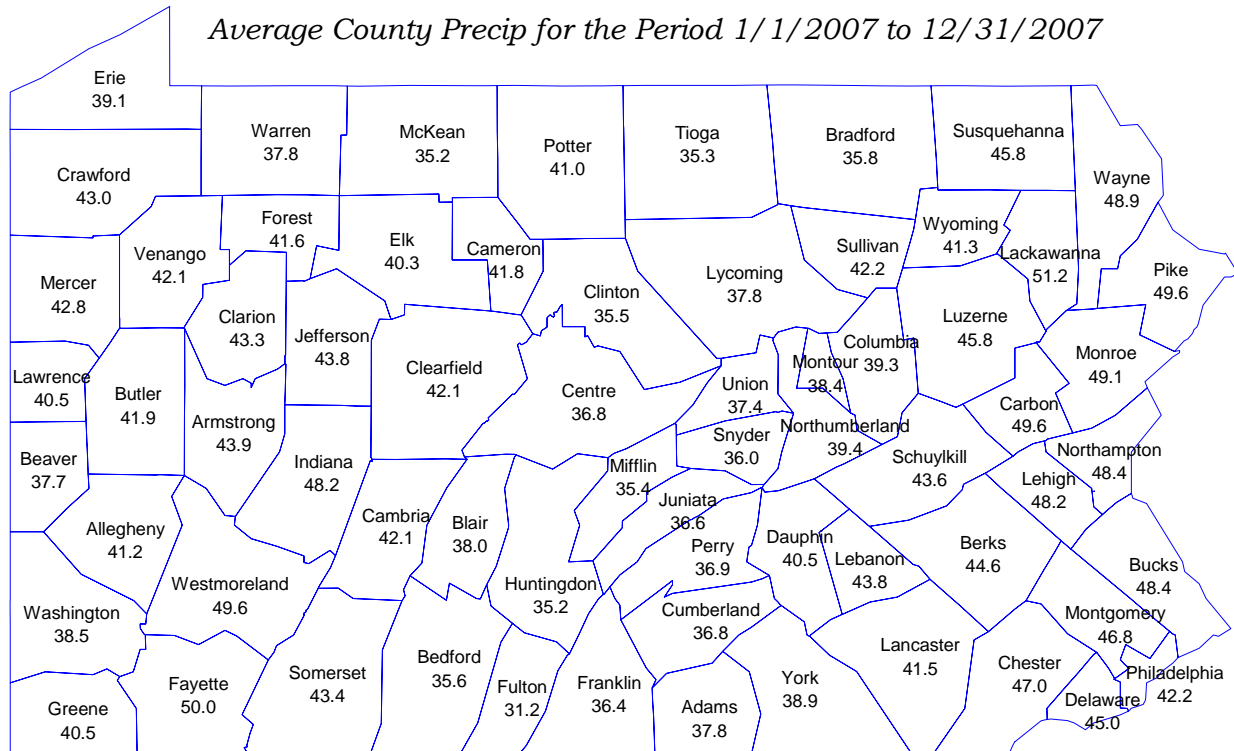
Pennsylvania: Temperature, Precipitation & Snowfall, 2007, from the National Climatic Data Center

Division	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>POCONO MOUNTAINS:</b>												
Avg Temp., <i>Degrees</i>	29.4	19.7	33.0	43.2	58.4	67.2	68.1	68.7	63.1	57.0	37.7	29.1
Departure from Normal	5.8	-6.3	-1.6	-2.2	2.1	3.0	-9	1.4	3.6	8.5	-1.3	.6
Precipitation, <i>Inches</i>	2.74	3.07	3.51	5.55	1.49	4.18	5.46	4.94	1.88	8.27	4.17	5.03
Departure from Normal	-.61	.38	.13	1.63	-2.95	-.33	1.33	1.06	-2.61	4.69	.31	1.71
Snowfall, <i>Inches</i>	2.6	14.6	15.8	.2	.0	.0	.0	.0	.0	.0	6.4	21.2
<b>EAST CENTRAL MOUNTAINS:</b>												
Avg Temp., <i>Degrees</i>	33.0	22.6	38.0	46.2	61.9	69.2	71.2	71.6	66.3	59.8	40.6	32.6
Departure from Normal	5.8	-7.1	-.4	-2.5	2.4	1.6	-1.6	.9	3.4	8.0	-1.4	.7
Precipitation, <i>Inches</i>	2.81	2.64	3.84	5.83	1.83	5.82	4.86	5.62	.95	5.80	4.43	5.28
Departure from Normal	-.83	-.11	.18	2.16	-2.86	1.43	.42	1.35	-3.59	2.21	.55	1.73
Snowfall, <i>Inches</i>	2.1	11.2	9.7	.0	.0	.0	.0	.0	.0	.0	3.2	6.9
<b>SOUTHEAST PEIDMONT:</b>												
Avg Temp., <i>Degrees</i>	35.1	25.0	40.3	48.3	63.6	72.0	73.6	74.3	68.4	61.6	42.8	34.6
Departure from Normal	5.5	-7.3	-.5	-2.6	2.5	2.2	-1.0	1.5	3.0	7.7	-1.4	-.1
Precipitation, <i>Inches</i>	3.14	2.72	4.42	7.25	1.76	4.28	4.41	4.76	1.29	5.79	3.04	5.22
Departure from Normal	-.55	-.05	.67	3.58	-2.69	.32	-.09	.94	-3.04	2.44	-.59	1.79
Snowfall, <i>Inches</i>	1.5	8.0	7.6	.3	.0	.0	.0	.0	.0	.0	.6	2.4
<b>LOWER SUSQUEHANNA:</b>												
Avg Temp., <i>Degrees</i>	34.8	24.3	40.9	48.3	63.2	71.4	73.4	73.7	67.8	61.1	42.2	34.2
Departure from Normal	5.9	-7.5	.5	-2.4	2.6	2.1	-.6	1.6	3.1	8.1	-.9	.5
Precipitation, <i>Inches</i>	2.21	2.74	4.08	3.79	1.54	3.23	2.06	5.73	1.00	4.09	2.72	4.65
Departure from Normal	-1.14	-.06	.45	.29	-2.72	-.80	-1.54	2.38	-3.09	.90	-.72	1.49
Snowfall, <i>Inches</i>	.8	9.4	11.3	.0	.0	.0	.0	.0	.0	.0	.0	5.2
<b>MIDDLE SUSQUEHANNA:</b>												
Avg Temp., <i>Degrees</i>	32.2	21.6	37.1	45.8	61.1	70.0	71.1	72.0	65.7	58.8	39.7	31.7
Departure from Normal	5.6	-7.9	-1.1	-3.2	1.9	2.4	-1.1	1.8	3.0	7.7	-1.6	.3
Precipitation, <i>Inches</i>	3.12	2.20	3.63	3.17	2.29	3.45	2.20	5.28	1.56	3.85	4.52	4.61
Departure from Normal	.14	-.40	.29	-.27	-1.66	-1.09	-1.73	1.74	-2.53	.63	.98	1.60
Snowfall, <i>Inches</i>	2.9	13.2	10.6	.8	.0	.0	.0	.0	.0	.0	3.6	8.7
<b>UPPER SUSQUEHANNA:</b>												
Avg Temp., <i>Degrees</i>	27.6	16.3	31.6	40.9	56.0	65.6	66.2	67.8	61.4	55.1	37.0	27.7
Departure from Normal	4.9	-8.5	-1.9	-3.4	.9	2.1	-1.7	1.7	2.8	7.6	-1.1	.0
Precipitation, <i>Inches</i>	3.40	2.13	3.33	3.71	2.14	3.09	3.48	4.24	2.73	4.82	4.26	4.70
Departure from Normal	.74	-.15	.48	.42	-1.39	-1.22	-.14	.92	-1.00	1.71	.96	1.95
Snowfall, <i>Inches</i>	8.0	18.0	11.7	8.9	.0	.0	.0	.0	.0	.0	7.2	21.2
<b>CENTRAL MOUNTAINS:</b>												
Avg Temp., <i>Degrees</i>	30.1	17.7	35.3	43.5	59.7	67.4	68.3	70.2	63.7	57.0	38.4	30.5
Departure from Normal	5.5	-9.4	-.4	-3.2	3.1	2.4	-1.0	2.5	3.3	8.0	-1.1	1.0
Precipitation, <i>Inches</i>	3.69	1.95	3.92	3.67	2.33	3.40	2.88	5.29	1.86	2.31	4.52	4.40
Departure from Normal	1.11	-.42	.71	.34	-1.46	-1.35	-1.22	1.49	-2.07	-.72	1.04	1.61
Snowfall, <i>Inches</i>	9.5	16.5	13.3	2.4	.0	.0	.0	.0	.0	.0	1.6	13.3
<b>SOUTH CENTRAL MOUNTAINS:</b>												
Avg Temp., <i>Degrees</i>	31.8	20.1	37.8	44.9	60.4	67.3	68.3	70.5	63.8	57.0	39.0	32.1
Departure from Normal	5.4	-9.0	.3	-3.2	2.4	1.0	-2.3	1.6	1.9	6.4	-1.8	1.0
Precipitation, <i>Inches</i>	2.88	1.91	3.86	4.06	1.41	3.59	2.73	8.23	2.14	2.61	3.46	4.45
Departure from Normal	-.10	-.75	.29	.44	-2.75	-.54	-1.33	4.82	-1.58	-.53	-.09	1.53
Snowfall, <i>Inches</i>	9.5	15.2	14.4	1.7	.0	.0	.0	.0	.0	.0	.9	8.2
<b>SOUTHWEST PLATEAU:</b>												
Avg Temp., <i>Degrees</i>	32.4	19.4	40.5	45.7	61.4	57.7	68.5	72.4	65.2	58.2	41.3	33.5
Departure from Normal	5.5	-10.1	2.1	-2.6	3.3	1.2	-2.1	3.2	2.9	7.3	.0	1.8
Precipitation, <i>Inches</i>	4.27	2.20	4.88	4.31	1.87	3.93	3.75	7.98	1.96	2.40	4.38	5.66
Departure from Normal	1.28	-.46	1.32	.75	-2.33	-.39	-.65	4.07	-1.84	-.38	.85	2.50
Snowfall, <i>Inches</i>	13.4	18.7	11.6	3.3	.0	.0	.0	.0	.0	.0	.8	8.6
<b>NORTHWEST PLATEAU:</b>												
Avg Temp., <i>Degrees</i>	28.6	15.4	34.0	41.6	57.3	65.1	65.6	68.0	62.0	55.7	37.7	28.6
Departure from Normal	5.2	-10.2	-.5	-3.5	1.7	.9	-2.7	1.1	2.2	6.9	-1.2	-.1
Precipitation, <i>Inches</i>	5.58	1.88	4.11	3.81	2.38	3.68	3.60	6.48	3.02	3.26	4.79	5.53
Departure from Normal	2.74	-.56	.82	.23	-1.43	-1.30	.70	2.31	-1.34	-.07	1.07	2.06
Snowfall, <i>Inches</i>	24.4	25.3	18.2	8.9	.0	.0	.0	.0	.0	.0	3.4	22.4

# National Weather Service

## Middle Atlantic River Forecast Center

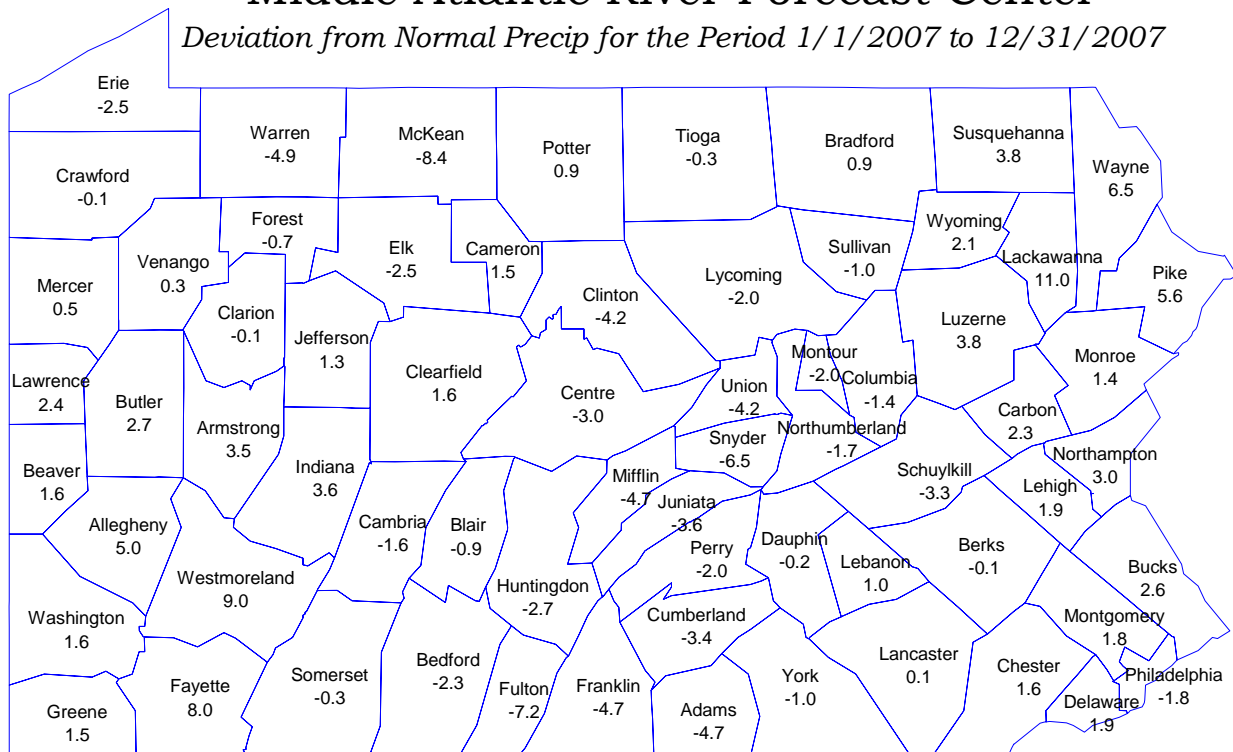
*Average County Precip for the Period 1/1/2007 to 12/31/2007*



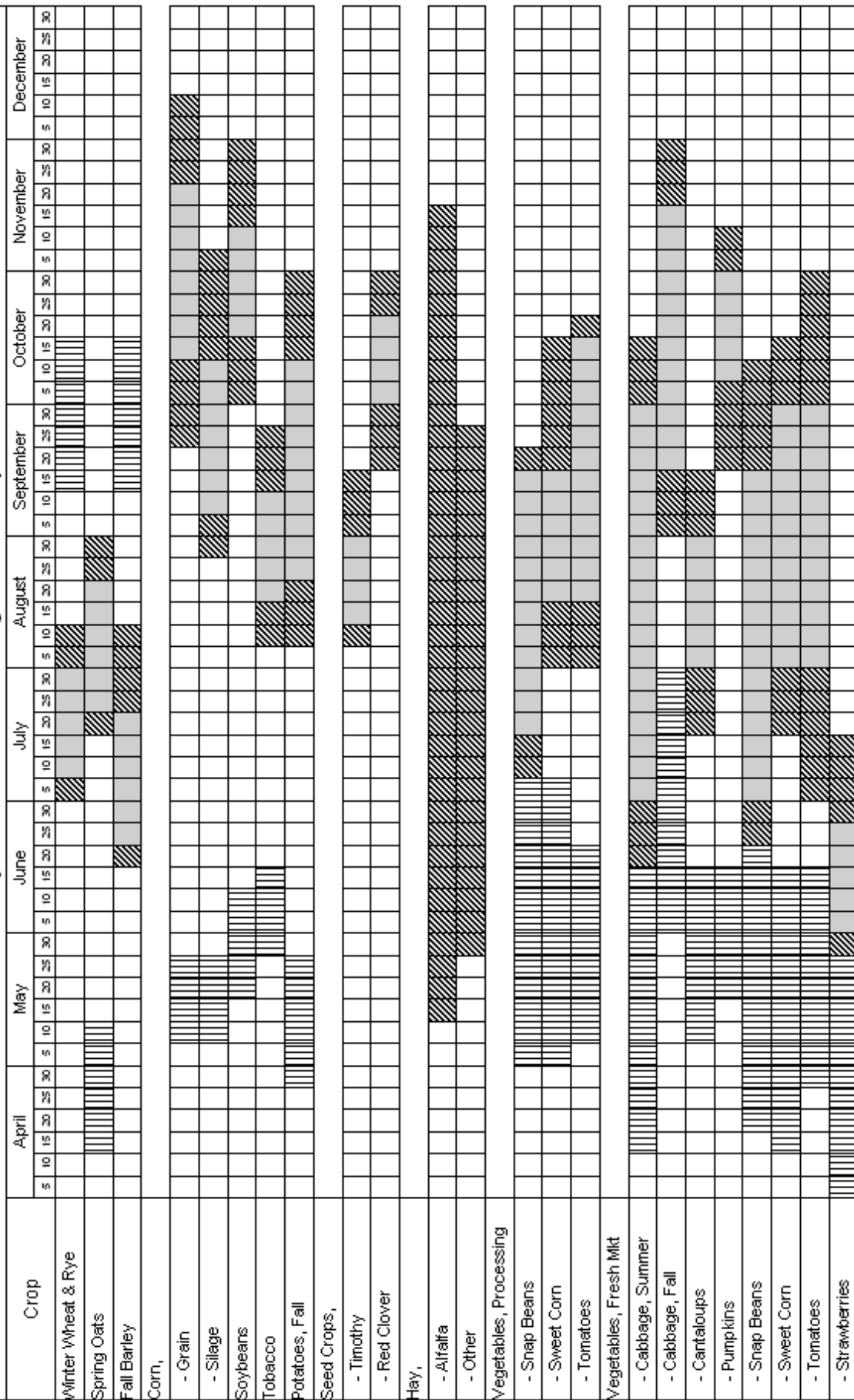
# National Weather Service

## Middle Atlantic River Forecast Center

*Deviation from Normal Precip for the Period 1/1/2007 to 12/31/2007*



## Usual Planting and Harvesting Dates for Principal Pennsylvania Field and Vegetable Crops





# Livestock, Dairy & Poultry



LIVESTOCK  
DAIRY  
POULTRY

# Livestock Inventory & Production

By Mark A. Linstedt

*The total value of all cattle, hogs and sheep on Pennsylvania farms January 1, 2008, was \$2.2 billion, up 6 percent from the previous year. Cattle inventory was valued at \$2.09 billion on January 1, 2008, accounting for 95.7 percent of the total value of all livestock in Pennsylvania. Sheep inventory, valued at \$16.9 million, accounted for 0.8 percent of the total. Hog inventory, valued at \$78.2 million on December 1, 2007, accounted for 3.6 percent of the total livestock inventory value.*

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**Cattle:** All cattle in Pennsylvania totaled 1,610,000 head on January 1, 2008, up 10,000 head from January 1, 2007. Of the total, 710,000 were cows and heifers that had calved. Milk cow inventory totaled 552,000, a 2,000 head increase from one year earlier. The number of beef cows at 158,000 head, was up 8,000 head from last year. Heifers 500 pounds and over totaled 375,000, unchanged from January 1, 2007. There were 275,000 heifers for dairy replacement and 40,000 for beef cow replacement. Steers 500 pounds and over totaled 160,000. A total of 25,000 bulls 500 pounds and over were on hand. Calves under 500 pounds totaled 340,000, unchanged from the previous year. The 2007 Pennsylvania calf crop totaled 630,000 head, up 10,000 from the 2006 calf crop.

The gross income from cattle production was \$492 million in 2007, up 1.3 percent from the previous year. There were 27,000 Pennsylvania farms with cattle during 2007. Farms with milk cows decreased to 8,400 in 2007, down 300 operations. Pennsylvania ranked 4th in the United States in milk cow inventory on January 1, 2008, and 19th in cattle inventory.

**Hogs:** There were 1,160,000 hogs and pigs on Pennsylvania farms as of December 1, 2007, 80,000 head above the previous year. Breeding hog inventory, at 100,000 head, was 5,000 head less than the previous year. A total of 1,060,000 market hogs and pigs were on hand as of December 1, 2007, 85,000 head above last year.

Pennsylvania's pig crop in 2007 totaled 1,731,000, up 55,000 head from 2006. A total of 188,000 sows farrowed in 2007, averaging 9.21 pigs per litter. The gross income from pork production was \$211.5 million for 2007, which was down 4 percent from 2006. Hog operations numbered 3,300 in 2007, up 100 from the previous year. Pennsylvania's hog inventory ranked 12th in the United States along with Texas on December 1, 2007.

**Sheep:** January 1, 2008 sheep and lamb inventory totaled 98,000 head, down 10,000 head from January 1, 2007. Commonwealth flocks included 82,000 breeding sheep and lambs. The total lamb crop for 2007 was 84,000 lambs, down 8,000 head from 2006. Wool production totaled 430,000 pounds, 30,000 pounds more than 2006 wool production.

The gross income from sheep production in 2007 was \$7.8 million, down 3 percent from 2006. The value of wool produced during the year was \$133,000, up \$13,000 from 2006. Sheep farms numbered 3,800, unchanged from last year. Pennsylvania ranked 14th in the United States in sheep and lamb inventory as of January 1, 2008.

**Goats:** January 1, 2008 milk and meat goat inventory totaled 53,000 head, up 3,200 head from January 1, 2007. Commonwealth herds included 40,000 meat and other goats and 13,000 milk goats.

**Red Meat Production:** Pennsylvania red meat production, dressed weight basis, in commercial slaughter establishments totaled 1.29 billion pounds in 2007, up 5.4 percent from 2006. There were 245 commercial slaughter plants in Pennsylvania on January 1, 2008. Pennsylvania ranked 1st among all states in the number of commercial slaughter plants.

Commercial cattle slaughter totaled 945,600 head in 2007, 10 percent above the previous year. Total live weight for cattle slaughtered was 1.18 billion pounds. Average live weight at 1,252 pounds was 14 pounds above the 2006 average. Slaughter of calves weighing less than 500 pounds totaled 171,500 head, down 4 percent from 2006. Total live weight for calves slaughtered was 67.3 million pounds. The average live weight for calves, at 393 pounds, is down 6 pounds from 2006.

A total of 2,956,900 hogs were slaughtered in Pennsylvania in 2007, down slightly from 2006. Total live weight for hogs slaughtered was 746.9 million pounds. The average live weight for hogs slaughtered was 253 pounds, up 3 pounds from 2006.

Sheep and lamb slaughter was at 55,000 head. Total live weight for sheep and lambs slaughtered was 5,273,000 pounds. Sheep and lambs slaughtered averaged 96 pounds live weight, up 3 pounds from the previous year.

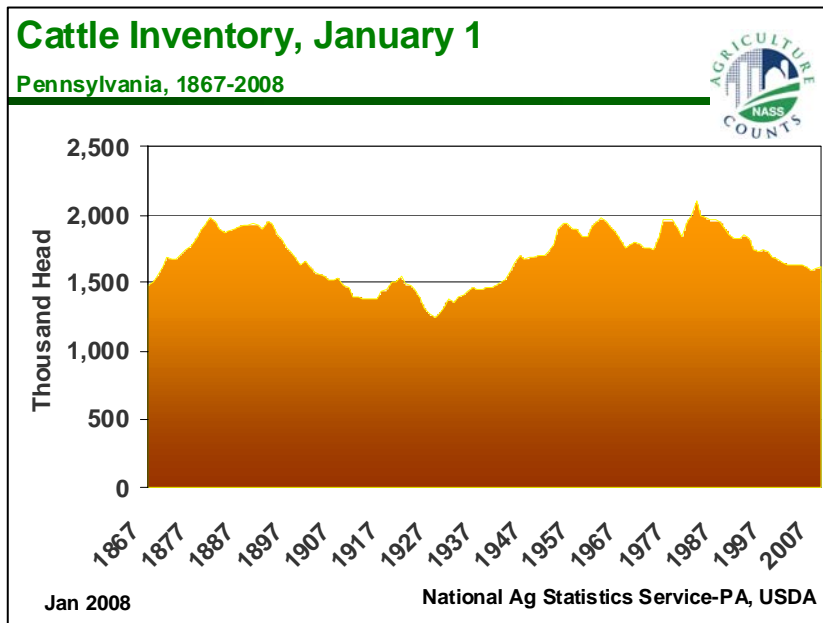
Pennsylvania ranked 13th among all states in commercial red meat production in 2007. Pennsylvania's rankings by number of head slaughtered were: 8th for cattle, 1st for calves, 10th for hogs, and 7th for sheep.

**Pennsylvania: Livestock and Poultry Inventory, 2001-2008**

Specie and Class	Number On Farms December 1						
	2001	2002	2003	2004	2005	2006	2007
	--- 1,000 ---						
Hogs and Pigs	1,060	1,130	1,110	1,080	1,100	1,080	1,160
Kept for Breeding	130	130	120	115	100	105	100
Market Hogs and Pigs	930	1,000	990	965	1,000	975	1,060
• Under 60 Pounds	365	355	350	280	310	300	345
• 60-119 Pounds	235	250	235	275	280	300	295
• 120-179 Pounds	180	200	195	215	215	185	220
• 180 Pounds and Over	150	195	210	195	195	190	200
Chickens, Excluding Broilers	29,328	29,257	29,408	27,932	28,926	28,303	26,009
Hens and Pullets of Laying Age	23,677	24,180	23,380	23,290	24,305	24,097	21,993
• Hens 1 Year Old and Older	9,403	7,802	14,219	1	1	1	1
• Pullets of Laying Age	14,274	16,378	9,161	1	1	1	1
Pullets Not of Laying Age	5,573	4,985	5,935	4,532	4,511	4,092	3,912
• 3 Months Old and Older	3,479	2,362	2,193	1	1	1	1
• Under 3 Months Old	2,094	2,623	3,742	1	1	1	1
Other Chickens, Excluding Broilers	78	92	93	110	110	114	104

Specie and Class	Number On Farms January 1						
	2002	2003	2004	2005	2006	2007	2008
	--- 1,000 ---						
Cattle and Calves	1,640	1,630	1,640	1,620	1,590	1,600	1,610
Cows and Heifers that have Calved	740	740	720	720	710	700	710
• Milk Cows	588	590	564	566	558	550	552
• Beef Cows	152	150	156	154	152	150	158
Heifers 500 Pounds and Over	370	375	370	370	360	375	375
• Milk Cow Replacement	285	280	280	275	275	270	275
• Beef Cow Replacement	40	45	40	40	40	40	40
• Other	45	50	50	55	45	65	60
Steers 500 Pounds and Over	175	170	165	170	150	160	160
Bulls 500 Pounds and Over	25	25	25	25	25	25	25
Calves Under 500 Pounds	330	320	360	335	345	340	340
Cattle and Calves On Feed	75	75	75	75	75	75	75
Sheep and Lambs	86	95	85	100	110	108	98
Breeding Sheep and Lambs	73	82	71	83	94	97	82
• Ewes (1 Year Old and Older)	55	64	55	63	73	81	66
• Rams (1 Year Old and Older)	6	6	5	5	6	5	5
• Replacement Lambs	12	12	11	15	15	11	11
Market Sheep and Lambs	13	13	14	17	16	11	16
• Lambs	11	11	12	13	14	9	13
• Sheep	2	2	2	4	2	2	3
Goats <sup>2</sup>	-	-	-	46.2	47.2	49.8	54.2
• Meat Goats	-	-	-	35.2	37.0	38.0	40
• Milk Goats	-	-	-	11.0	10.2	11.8	13

<sup>1</sup> Data not available due to program change. <sup>2</sup> Pennsylvania added to USDA, NASS's Goat Estimation Program in 2005.



**Pennsylvania: Livestock On Farms and Value, January 1, 1985-2008**

Year	Hogs and Pigs <sup>1</sup>		Cattle and Calves		Sheep and Lambs		3 Species
	Number	Value <sup>2</sup>	Number	Value <sup>2</sup>	Number	Value <sup>2</sup>	Value <sup>2</sup>
	<i>1,000</i>	<i>1,000 Dols.</i>	<i>1,000</i>	<i>1,000 Dols.</i>	<i>1,000</i>	<i>1,000 Dols.</i>	<i>1,000 Dols.</i>
1985	800	63,200	1,960	1,127,000	88	5,896	1,196,096
1990	975	78,975	1,820	1,365,000	134	10,586	1,454,561
1995	1,100	61,600	1,720	1,358,800	110	11,000	1,431,400
2000	1,050	71,400	1,650	1,452,000	81	9,720	1,533,120
2001	1,030	72,100	1,640	1,508,800	81	10,125	1,591,025
2002	1,060	73,140	1,640	1,722,000	86	11,696	1,806,836
2003	1,130	75,710	1,630	1,515,900	95	12,920	1,604,530
2004	1,110	76,590	1,640	1,558,000	90	12,780	1,647,370
2005	1,080	108,000	1,620	1,749,600	100	14,600	1,872,200
2006	1,100	97,900	1,590	1,971,600	110	17,050	2,086,550
2007	1,080	91,800	1,600	1,776,000	108	16,524	1,884,324
2008	1,150	78,200	1,610	2,093,000	98	16,856	2,188,056

<sup>1</sup> December 1 preceding year shown. <sup>2</sup> Value of inventory.

**Pennsylvania: Annual Pig Crop, 1985-2007**

Year	Sows Farrowed	Pigs Per Litter	Pig Crop
1985	134,000	7.99	1,071,000
1990	171,000	7.98	1,365,000
1995	174,000	8.43	1,466,000
2000	194,000	8.72	1,692,000
2001	212,000	8.83	1,871,000
2002	212,000	8.87	1,879,000
2003	200,000	9.38	1,876,000
2004	198,000	8.98	1,778,000
2005	188,000	9.46	1,778,000
2006	182,000	9.21	1,676,000
2007	184,000	9.15	1,683,000

**Pennsylvania: Calf Crop, 1985-2008**

Year	All Cows That Have Calved <sup>1</sup>		Heifers 500 Pounds and Over <sup>1</sup>		Calves Under 500 Pounds <sup>1</sup>	Calves Born
	Milk Cows	Beef Cows	Milk Cow Replacement	Beef Cow Replacement		
	<i>1,000 Head</i>					
1985	735	190	310	41	378	840
1990	694	166	285	39	363	770
1995	639	171	275	42	335	730
2000	619	151	285	35	330	680
2001	610	150	280	35	335	670
2002	588	152	285	40	330	660
2003	590	150	280	45	320	650
2004	564	156	280	40	360	650
2005	566	154	275	40	335	610
2006	558	152	275	40	345	620
2007	550	150	270	40	340	630
2008	552	158	275	40	340	-

<sup>1</sup> January 1 inventory.

**Pennsylvania: Lamb and Wool Crops, 1985-2007**

Year	Breeding Ewes 1 Year & Older Jan 1	Lambs per 100 Ewes 1+ Jan 1	Lamb Crop	Sheep and Lambs Shorn	Weight per Fleece	Wool Production	Value of Wool Production <sup>1</sup>
	<i>1,000 Hd.</i>	<i>Percent</i>	<i>1,000 Head</i>		<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Dols.</i>
1985	67	112	75	85	6.7	570	285
1990	95	105	100	107	6.9	739	288
1995	74	115	85	81	6.9	560	437
2000	54	130	70	66	6.5	430	120
2001	54	131	71	64	6.9	440	110
2002	55	153	84	63	6.8	430	108
2003	64	130	83	61	6.7	410	111
2004	58	145	84	68	6.5	440	119
2005	63	140	88	71	6.5	460	124
2006	73	126	92	60	6.7	400	120
2007	81	104	84	64	6.7	430	133

<sup>1</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Goats - Number by Class, January 1, 2005-2008<sup>1</sup>**

Year	Milk Goats	Meat and Other Goats
	<i>Head</i>	<i>Head</i>
2005	11,000	35,200
2006	10,200	37,000
2007	11,800	38,000
2008	13,000	40,000

<sup>1</sup> Estimates began in 2005.

Pennsylvania: Livestock On Farms and Value, 2006-2007, Revised <sup>1 2</sup>

County and District	Number and Value Dec. 1, 2006		Number and Value January 1, 2007				All Livestock <sup>3</sup>
	Hogs and Pigs		Cattle and Calves		Sheep and Lambs		
	Head	Value (Dols.)	Head	Value (Dols.)	Head	Value (Dols.)	Value (Dols.)
Adams	12,800	1,088,000	29,800	33,078,000	1,700	260,100	34,426,100
Allegheny	-	-	2,100	2,331,000	900	137,700	2,468,700
Armstrong	1,000	85,000	15,100	16,761,000	1,300	198,900	17,044,900
Beaver	1,000	85,000	8,400	9,324,000	1,600	244,800	9,653,800
Bedford	12,000	1,020,000	42,700	47,397,000	3,600	550,800	48,967,800
Berks	48,700	4,139,500	61,600	68,376,000	2,100	321,300	72,836,800
Blair	1,000	85,000	38,000	42,180,000	800	122,400	42,387,400
Bradford	25,800	2,193,000	68,800	76,368,000	2,700	413,100	78,974,100
Bucks	1,000	85,000	7,100	7,881,000	1,800	275,400	8,241,400
Butler	2,000	170,000	20,100	22,311,000	2,500	382,500	22,863,500
Cambria	1,800	153,000	11,900	13,209,000	2,400	367,200	13,729,200
Cameron	-	-	300	333,000	100	15,300	348,300
Carbon	-	-	1,000	1,110,000	300	45,900	1,155,900
Centre	5,900	501,500	30,900	34,299,000	2,100	321,300	35,121,800
Chester	19,200	1,632,000	39,900	44,289,000	3,000	459,000	46,380,000
Clarion	1,500	127,500	14,700	16,317,000	1,000	153,000	16,597,500
Clearfield	-	-	7,500	8,325,000	100	15,300	8,340,300
Clinton	700	59,500	12,700	14,097,000	300	45,900	14,202,400
Columbia	8,000	680,000	9,800	10,878,000	800	122,400	11,680,400
Crawford	1,700	144,500	34,600	38,406,000	1,600	244,800	38,795,300
Cumberland	11,500	977,500	45,800	50,838,000	1,700	260,100	52,075,600
Dauphin	25,000	2,125,000	18,400	20,424,000	3,100	474,300	23,023,300
Delaware	-	-	-	-	100	15,300	15,300
Elk	-	-	2,000	2,220,000	100	15,300	2,235,300
Erie	1,200	102,000	20,100	22,311,000	800	122,400	22,535,400
Fayette	1,800	153,000	18,900	20,979,000	1,100	168,300	21,300,300
Forest	200	17,000	500	555,000	-	-	572,000
Franklin	90,200	7,667,000	104,800	116,328,000	2,800	428,400	124,423,400
Fulton	24,800	2,108,000	17,800	19,758,000	1,000	153,000	22,019,000
Greene	-	-	16,600	18,426,000	4,000	612,000	19,038,000
Huntingdon	18,800	1,598,000	34,800	38,628,000	1,400	214,200	40,440,200
Indiana	1,300	110,500	20,000	22,200,000	2,500	382,500	22,693,000
Jefferson	400	34,000	10,100	11,211,000	800	122,400	11,367,400
Juniata	35,000	2,975,000	19,600	21,756,000	1,800	275,400	25,006,400
Lackawanna	-	-	4,400	4,884,000	200	30,600	4,914,600
Lancaster	323,300	27,480,500	238,100	264,291,000	6,700	1,025,100	292,796,600
Lawrence	3,800	323,000	16,100	17,871,000	2,200	336,600	18,530,600
Lebanon	88,200	7,497,000	47,500	52,725,000	1,700	260,100	60,482,100
Lehigh	3,000	255,000	3,700	4,107,000	1,100	168,300	4,530,300
Luzerne	-	-	4,100	4,551,000	600	91,800	4,642,800
Lycoming	17,700	1,504,500	24,000	26,640,000	1,900	290,700	28,435,200
McKean	-	-	3,800	4,218,000	300	45,900	4,263,900
Mercer	3,000	255,000	33,500	37,185,000	2,900	443,700	37,883,700
Mifflin	24,000	2,040,000	32,800	36,408,000	900	137,700	38,585,700
Monroe	-	-	1,400	1,554,000	400	61,200	1,615,200
Montgomery	4,600	391,000	6,100	6,771,000	1,700	260,100	7,422,100
Montour	700	59,500	7,500	8,325,000	600	91,800	8,476,300
Northampton	1,200	102,000	5,800	6,438,000	500	76,500	6,616,500
Northumberland	33,000	2,805,000	18,500	20,535,000	1,400	214,200	23,554,200
Perry	53,000	4,505,000	28,400	31,524,000	1,600	244,800	36,273,800
Pike	-	-	400	444,000	100	15,300	459,300
Potter	2,000	170,000	14,700	16,317,000	700	107,100	16,594,100
Schuylkill	25,000	2,125,000	11,600	12,876,000	300	45,900	15,046,900
Snyder	40,500	3,442,500	24,500	27,195,000	1,100	168,300	30,805,800
Somerset	2,700	229,500	47,200	52,392,000	2,600	397,800	53,019,300
Sullivan	-	-	5,100	5,661,000	500	76,500	5,737,500
Susquehanna	-	-	28,700	31,857,000	1,600	244,800	32,101,800
Tioga	28,200	2,397,000	35,600	39,516,000	3,500	535,500	42,448,500
Union	21,000	1,785,000	19,900	22,089,000	400	61,200	23,935,200
Venango	700	59,500	7,000	7,770,000	1,000	153,000	7,982,500
Warren	-	-	12,300	13,653,000	600	91,800	13,744,800
Washington	3,600	306,000	33,500	37,185,000	9,500	1,453,500	38,944,500
Wayne	-	-	16,200	17,982,000	1,000	153,000	18,135,000
Westmoreland	1,200	102,000	23,200	25,752,000	2,800	428,400	26,282,400
Wyoming	-	-	8,200	9,102,000	900	137,700	9,239,700
York	41,700	3,544,500	49,600	55,056,000	4,800	734,400	59,334,900
Northwestern, Other Counties	400	34,000	-	-	-	-	34,000
North Central, Other Counties	600	51,000	-	-	-	-	51,000
Northeastern, Other Counties	1,000	85,000	-	-	-	-	85,000
Central, Other Counties	300	25,500	-	-	-	-	25,500
East Central, Other Counties	800	68,000	-	-	-	-	68,000
Southwestern, Other Counties	700	59,500	-	-	-	-	59,500
Southeastern, Other Counties	-	-	200	222,000	-	-	222,000
Northwestern	7,000	595,000	108,000	119,880,000	6,900	1,055,700	121,530,700
North Central	75,000	6,375,000	167,000	185,370,000	10,100	1,545,300	193,290,300
Northeastern	1,000	85,000	57,500	63,825,000	3,700	566,100	64,476,100
West Central	11,000	935,000	104,500	115,995,000	11,900	1,820,700	118,750,700
Central	268,000	22,780,000	302,500	335,775,000	18,500	2,830,500	361,385,500
East Central	30,000	2,550,000	28,000	31,080,000	3,300	504,900	34,134,900
Southwestern	10,000	850,000	141,500	157,065,000	20,900	3,197,700	161,112,700
South Central	193,000	16,405,000	290,500	322,455,000	15,600	2,386,800	341,246,800
Southeastern	485,000	41,225,000	400,500	444,555,000	17,100	2,616,300	488,396,300
<b>Pennsylvania</b>	<b>1,080,000</b>	<b>91,800,000</b>	<b>1,600,000</b>	<b>1,776,000,000</b>	<b>108,000</b>	<b>16,524,000</b>	<b>1,884,324,000</b>

<sup>1</sup> Counties not shown separately included in Other Counties for that specific district. The district map and county listing can be found on the inside back cover of this publication.

<sup>2</sup> Totals may not add due to rounding. <sup>3</sup> All Livestock includes hogs, cattle and sheep.

Pennsylvania: Livestock On Farms and Value, 2007-2008 <sup>1 2</sup>

County and District	Number and Value Dec. 1, 2007		Number and Value January 1, 2008				All Livestock <sup>3</sup>
	Hogs and Pigs		Cattle and Calves		Sheep and Lambs		
	Head	Value (Dols.)	Head	Value (Dols.)	Head	Value (Dols.)	Value (Dols.)
Adams	16,500	1,122,000	28,700	37,310,000	1,400	240,800	38,672,800
Allegheny	-	-	2,100	2,730,000	800	137,600	2,867,600
Armstrong	500	34,000	15,100	19,630,000	1,100	189,200	19,853,200
Beaver	1,300	88,400	8,400	10,920,000	1,500	258,000	11,266,400
Bedford	14,000	952,000	43,300	56,290,000	3,100	533,200	57,775,200
Berks	57,000	3,876,000	63,700	82,810,000	2,200	378,400	87,064,400
Blair	-	-	38,000	49,400,000	800	137,600	49,537,600
Bradford	29,500	2,006,000	69,000	89,700,000	2,300	395,600	92,101,600
Bucks	500	34,000	7,100	9,230,000	1,900	326,800	9,590,800
Butler	1,300	88,400	20,200	26,260,000	2,400	412,800	26,761,200
Cambria	1,500	102,000	12,000	15,600,000	2,500	430,000	16,132,000
Cameron	-	-	300	390,000	100	17,200	407,200
Carbon	-	-	1,100	1,430,000	300	51,600	1,481,600
Centre	5,100	346,800	32,900	42,770,000	1,700	292,400	43,409,200
Chester	24,000	1,632,000	41,600	54,080,000	2,900	498,800	56,210,800
Clarion	2,200	149,600	14,700	19,110,000	900	154,800	19,414,400
Clearfield	-	-	8,200	10,660,000	100	17,200	10,711,200
Clinton	500	34,000	12,900	16,770,000	300	51,600	16,821,600
Columbia	6,200	421,600	10,000	13,000,000	700	120,400	13,542,000
Crawford	1,200	81,600	34,800	45,240,000	1,500	258,000	45,579,600
Cumberland	11,000	748,000	49,300	64,090,000	1,500	258,000	65,096,000
Dauphin	36,000	2,448,000	18,400	23,920,000	2,800	481,600	26,849,600
Delaware	-	-	-	-	200	34,400	34,400
Elk	-	-	2,100	2,730,000	100	17,200	2,747,200
Erie	900	61,200	20,300	26,390,000	700	120,400	26,571,600
Fayette	2,200	149,600	17,900	23,270,000	900	154,800	23,574,400
Forest	-	-	500	650,000	-	-	650,000
Franklin	106,000	7,208,000	107,300	139,490,000	2,900	498,800	147,196,800
Fulton	27,500	1,870,000	18,200	23,660,000	900	154,800	25,684,800
Greene	-	-	16,700	21,710,000	3,300	567,600	22,277,600
Huntingdon	17,000	1,156,000	34,800	45,240,000	1,400	240,800	46,636,800
Indiana	1,600	108,800	20,100	26,130,000	2,400	412,800	26,651,600
Jefferson	600	40,800	10,200	13,260,000	700	120,400	13,421,200
Juniata	35,000	2,380,000	20,400	26,520,000	1,600	275,200	29,175,200
Lackawanna	-	-	4,400	5,720,000	300	51,600	5,771,600
Lancaster	332,000	22,576,000	238,100	309,530,000	5,700	980,400	333,086,400
Lawrence	1,500	102,000	16,300	21,190,000	2,200	378,400	21,670,400
Lebanon	90,000	6,120,000	48,000	62,400,000	1,700	292,400	68,812,400
Lehigh	4,200	285,600	3,900	5,070,000	1,000	172,000	5,527,600
Luzerne	-	-	4,600	5,980,000	500	86,000	6,066,000
Lycoming	20,300	1,380,400	24,100	31,330,000	1,600	275,200	32,985,600
McKean	-	-	3,900	5,070,000	300	51,600	5,121,600
Mercer	2,200	149,600	33,900	44,070,000	2,600	447,200	44,666,800
Mifflin	22,000	1,496,000	32,800	42,640,000	900	154,800	44,290,800
Monroe	-	-	1,400	1,820,000	400	68,800	1,888,800
Montgomery	5,500	374,000	6,000	7,800,000	1,400	240,800	8,414,800
Montour	800	54,400	6,200	8,060,000	500	86,000	8,200,400
Northampton	-	-	5,800	7,540,000	500	86,000	7,626,000
Northumberland	34,000	2,312,000	18,500	24,050,000	1,200	206,400	26,568,400
Perry	53,000	3,604,000	28,500	37,050,000	1,500	258,000	40,912,000
Pike	-	-	400	520,000	100	17,200	537,200
Potter	4,700	319,600	14,700	19,110,000	600	103,200	19,532,800
Schuylkill	48,000	3,264,000	11,800	15,340,000	300	51,600	18,655,600
Snyder	38,700	2,631,600	22,300	28,990,000	1,100	189,200	31,810,800
Somerset	3,800	258,400	47,800	62,140,000	2,300	395,600	62,794,000
Sullivan	-	-	5,200	6,760,000	400	68,800	6,828,800
Susquehanna	-	-	29,100	37,830,000	1,400	240,800	38,070,800
Tioga	28,500	1,938,000	35,800	46,540,000	2,800	481,600	48,959,600
Union	22,000	1,496,000	20,000	26,000,000	400	68,800	27,564,800
Venango	-	-	7,100	9,230,000	800	137,600	9,367,600
Warren	-	-	12,400	16,120,000	600	103,200	16,223,200
Washington	5,600	380,800	34,700	45,110,000	7,500	1,290,000	46,780,800
Wayne	-	-	16,200	21,060,000	900	154,800	21,214,800
Westmoreland	1,000	68,000	23,300	30,290,000	2,800	481,600	30,839,600
Wyoming	-	-	8,300	10,790,000	800	137,600	10,927,600
York	39,000	2,652,000	44,200	57,460,000	5,000	860,000	60,972,000
Northwestern, Other Counties	700	47,600	-	-	-	-	47,600
North Central, Other Counties	500	34,000	-	-	-	-	34,000
Northeastern, Other Counties	1,000	68,000	-	-	-	-	68,000
Central, Other Counties	700	47,600	-	-	-	-	47,600
East Central, Other Counties	800	54,400	-	-	-	-	54,400
Southwestern, Other	400	27,200	-	-	-	-	27,200
Northwestern	5,000	340,000	109,000	141,700,000	6,200	1,066,400	143,106,400
North Central	84,000	5,712,000	168,000	218,400,000	8,500	1,462,000	225,574,000
Northeastern	1,000	68,000	58,000	75,400,000	3,400	584,800	76,052,800
West Central	9,000	612,000	105,000	136,500,000	11,200	1,926,400	139,038,400
Central	272,000	18,496,000	303,000	393,900,000	17,200	2,958,400	415,354,400
East Central	53,000	3,604,000	29,000	37,700,000	3,100	533,200	41,837,200
Southwestern	13,000	884,000	142,500	185,250,000	17,600	3,027,200	189,161,200
South Central	214,000	14,552,000	291,000	378,300,000	14,800	2,545,600	395,397,600
Southeastern	509,000	34,612,000	404,500	525,850,000	16,000	2,752,000	563,214,000
<b>Pennsylvania</b>	<b>1,160,000</b>	<b>78,880,000</b>	<b>1,610,000</b>	<b>2,093,000,000</b>	<b>98,000</b>	<b>16,856,000</b>	<b>2,188,736,000</b>

<sup>1</sup> Counties not shown separately included in Other Counties for that specific district. The district map and county listing can be found on the inside back cover of this publication.

<sup>2</sup> Totals may not add due to rounding. <sup>3</sup> All Livestock includes hogs, cattle and sheep.

Pennsylvania: Commercial Slaughter of Livestock, 2006-2007<sup>1</sup>

Month	Number of Head		Live Weight			
			Per Head		Total Pounds	
	2006	2007	2006	2007	2006	2007
<b>Cattle</b>	<i>Number</i>		<i>Number</i>		<i>1,000 Lbs.</i>	
January	68,100	80,500	1,262	1,272	85,156	101,664
February	63,200	69,300	1,255	1,259	78,580	86,714
March	77,200	77,200	1,259	1,256	96,278	96,280
April	65,200	77,700	1,241	1,243	80,114	96,056
May	72,000	78,200	1,228	1,239	87,657	96,383
June	70,900	79,100	1,222	1,235	85,811	97,084
July	68,900	79,900	1,208	1,243	82,569	98,715
August	76,600	86,200	1,209	1,243	91,803	106,399
September	72,600	77,000	1,228	1,246	88,412	95,313
October	78,800	89,400	1,232	1,250	96,380	110,938
November	73,100	77,500	1,251	1,275	90,828	98,054
December	72,000	73,400	1,269	1,270	90,838	92,421
<b>Annual</b>	<b>858,500</b>	<b>945,600</b>	<b>1,238</b>	<b>1,252</b>	<b>1,054,425</b>	<b>1,176,021</b>
<b>Calves</b>						
January	13,400	15,600	400	387	5,366	6,034
February	14,000	15,000	406	376	5,665	5,618
March	15,300	16,700	414	386	6,323	6,443
April	12,100	14,300	416	396	5,023	5,653
May	14,500	15,000	429	407	6,224	6,114
June	15,000	14,500	413	378	6,173	5,454
July	13,700	14,100	381	375	5,195	5,254
August	16,600	13,900	375	385	6,235	5,359
September	14,800	12,000	399	412	5,881	4,925
October	16,000	14,600	402	407	6,413	5,951
November	16,500	12,400	377	411	6,205	5,103
December	16,300	13,400	380	401	6,178	5,379
<b>Annual</b>	<b>178,100</b>	<b>171,500</b>	<b>399</b>	<b>393</b>	<b>70,882</b>	<b>67,285</b>
<b>Sheep &amp; Lambs</b>						
January	4,100	3,600	94	100	387	365
February	3,100	3,000	97	96	299	285
March	4,200	5,500	98	91	413	496
April	7,300	5,500	85	88	618	484
May	4,500	5,100	92	94	412	475
June	4,800	4,700	90	96	434	456
July	4,500	4,400	94	99	421	438
August	4,600	4,800	97	98	449	472
September	4,300	4,700	95	99	413	469
October	4,800	4,900	94	97	457	477
November	4,200	4,300	96	97	398	423
December	4,700	4,500	95	97	444	435
<b>Annual</b>	<b>55,000</b>	<b>55,000</b>	<b>93</b>	<b>96</b>	<b>5,142</b>	<b>5,273</b>
<b>Hogs &amp; Pigs</b>						
January	245,800	246,800	248	253	60,815	62,388
February	229,300	225,100	248	252	56,763	56,498
March	265,000	263,300	248	253	65,562	66,551
April	218,600	241,500	247	253	53,808	61,049
May	244,700	254,900	245	251	59,925	63,997
June	249,400	223,400	247	250	61,538	55,770
July	228,400	225,800	248	250	56,630	56,480
August	253,100	248,000	247	250	62,457	61,916
September	242,200	225,900	255	254	61,789	57,199
October	264,900	272,100	257	256	67,869	69,500
November	248,800	256,400	257	258	63,789	66,111
December	269,700	273,700	250	254	67,346	69,429
<b>Annual</b>	<b>2,959,900</b>	<b>2,956,900</b>	<b>250</b>	<b>253</b>	<b>738,291</b>	<b>746,889</b>

<sup>1</sup> Months may not add to annual due to rounding. Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms.



**Pennsylvania: Commercial Slaughter of Livestock, 1985-2007**

Year	Cattle		Calves		Sheep & Lambs		Hogs	
	Head	Total Live Weight	Head	Total Live Weight	Head	Total Live Weight	Head	Total Live Weight
	--- 1,000 ---							
1985	988.2	1,157,847	301.3	50,810	140.9	14,684	1,629.8	380,844
1990	961.7	1,148,528	234.6	55,167	119.7	12,337	1,909.4	447,534
1995	1,023.6	1,259,625	149.7	61,326	68.7	6,314	2,263.2	556,525
2000	991.7	1,259,998	182.5	65,940	60.3	5,327	2,474.2	610,062
2002	1,040.9	1,328,715	190.3	64,874	70.2	7,259	2,628.4	648,983
2003	1,052.0	1,336,146	189.5	64,372	82.0	8,688	2,734.1	681,516
2004	874.9	1,031,819	170.8	62,765	71.7	6,994	2,846.4	699,565
2005	840.8	1,026,338	153.1	62,753	58.6	5,618	2,841.1	695,632
2006	858.5	1,054,425	178.1	70,882	55.0	5,142	2,959.9	738,291
2007	945.6	1,176,021	171.5	67,285	55.0	5,273	2,956.9	746,889

**Pennsylvania: Cattle and Calves - Production, Disposition and Income, 1985-2007**

Year	Inventory January 1	Calf Crop	Inshipments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income <sup>1</sup>
				Cattle	Calves		Cattle	Calves		
	--- 1,000 ---									1,000 Dols.
1985	1,960	840	130	495	345	15	35	80	1,960	310,222
1990	1,820	770	100	480	295	11	24	60	1,820	460,870
1995	1,720	730	100	438	279	10	31	52	1,740	394,373
2000	1,650	670	100	448	246	10	29	47	1,640	410,373
2002	1,640	660	120	454	245	10	35	46	1,630	408,339
2003	1,630	650	125	441	228	10	34	52	1,640	460,210
2004	1,640	650	110	447	240	10	37	46	1,620	484,691
2005	1,620	610	100	427	225	10	33	45	1,590	492,113
2006	1,590	620	135	429	226	10	34	46	1,600	485,988
2007	1,600	630	135	428	226	10	36	55	1,610	492,260

<sup>1</sup> Value of marketings and home consumption.

**Pennsylvania: Hogs and Pigs - Production, Disposition and Income, 1985-2007**

Year	Inventory December 1 <sup>1</sup>	Pigs Saved	Inshipments	Marketings	Farm Slaughter	Deaths	Inventory December 1	Gross Income <sup>2</sup>
1985	800	1,071	30	1,001	30	90	780	110,123
1990	975	1,365	87	1,425	17	65	920	183,277
1995	1,100	1,466	70	1,566	10	60	1,000	138,259
2000	1,050	1,692	84	1,715	8.5	72	1,030	156,348
2002	1,060	1,881	215	1,940	8.5	78	1,130	141,250
2003	1,130	1,876	275	2,094	8.0	69	1,110	186,323
2004	1,110	1,778	390	2,110	8.0	80	1,080	243,619
2005	1,080	1,778	410	2,076	8.0	84	1,100	240,481
2006	1,100	1,676	529	2,127	7.0	91	1,080	219,545
2007	1,080	1,712	613	2,117	7.0	131	1,150	211,471

<sup>1</sup> December 1 preceding year. <sup>2</sup> Value of marketings and home consumption.

**Pennsylvania: Sheep and Lambs - Production, Disposition and Income, 1985-2007**

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income <sup>1</sup>
			Sheep	Lambs		Sheep	Lambs		
	--- 1,000 ---								1,000 Dols.
1985	88	75	6.0	42.0	4	8.0	10.0	93	3,217
1990	134	100	21.0	54.0	2	5.0	12.0	140	4,038
1995	110	85	14.0	59.0	1	4.0	10.0	107	5,248
2000	81	70	7.3	51.0	1.2	3.5	8.5	81	4,542
2002	98	84	12.3	64.2	1.7	4.0	9.0	95	5,872
2003	95	83	15.9	59.9	1.7	3.5	8.0	90	7,621
2004	90	84	1.6	58.7	1.7	4.0	9.0	100	6,639
2005	100	88	3.0	62.9	1.7	4.0	8.0	110	7,201
2006	110	92	4.2	74.8	1.7	4.5	10.0	108	8,065
2007	108	84	21.6	59.8	1.7	4.0	8.0	98	7,835

<sup>1</sup> Value of marketings and home consumption.

# Cattle Death Loss, 2005

By Pamela K. Kanagy

Cattle and calf losses from animal predators and non-predator causes in Pennsylvania totaled 78,000 head. This report provides breakouts of cattle and calf losses by predators and non-predator causes, as well as data on non-lethal predator control measures.

Cattle and calf losses from animal predators totaled 3,000 head. This represented 3.8 percent of the total losses from all causes and resulted in a loss of \$1.69 million to farmers and ranchers.

Cattle and calf losses from non-predator causes totaled 75,000 head or 96.2 percent of the total losses. Respiratory problems was the leading cause of non-

predator deaths accounting for 24.5 percent, followed by digestive problems at 21.1 percent.

Farmers and ranchers throughout Pennsylvania used many methods to control predators. Use of guard animal was the most common method at 46.0 percent. Exclusion fencing, frequent checking, and culling were the next most commonly used methods of preventing cattle and calf losses at 40.5 percent, 28.5 percent, and 22.4 percent respectively.

This report is released as a cooperative effort between the National Agricultural Statistics Service and Animal and Plant Health Inspection Service - Wildlife Services and Veterinary Services.

Pennsylvania: Losses of Cattle and Calves, By All Causes, Predators and Non-Predators, 2005

All Causes		Predators		Non-Predators	
Cattle	Calves	Cattle	Calves	Cattle	Calves
Head	Head	Head	Head	Head	Head
33,000	45,000	1,000	2,000	32,000	43,000

Pennsylvania: Losses of Cattle and Calves from Predators and Non-Predator Causes, Total Value per Head and Total Value, 2005

Value per Head		Total Value Predator Losses		Total Value Non-Predator Losses	
Cattle <sup>1</sup>	Calves <sup>2</sup>	Cattle	Calves	Cattle	Calves
Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
895	396	895	792	28,640	17,028

<sup>1</sup> Cattle value per head is based on a two-year straight average of the value of beef cows reported in the January 1 Cattle survey from 2005 and 2006.

<sup>2</sup> Calf value per head is based on the market year average calf price. An average weight of 300 pounds was used.

Pennsylvania: Losses of Cattle and Calves, Number from Specified Problems, 2005

Digestive Problems		Respiratory Problems		Metabolic Problems		Lameness/Injury	
Cattle	Calves	Cattle	Calves	Cattle	Calves	Cattle	Calves
Head	Head	Head	Head	Head	Head	Head	Head
3,200	12,600	4,400	14,000	3,000	1,000	3,700	1,400
Mastitis		Weather Related		Calving Problems		Poisoning	
Cattle	Calves	Cattle	Calves	Cattle	Calves	Cattle	Calves
Head	Head	Head	Head	Head	Head	Head	Head
3,800	<sup>1</sup>	400	900	5,100	6,500	300	300

<sup>1</sup> Data not published to avoid disclosure of individual operations or are less than 100 head.

Pennsylvania: Non-Lethal Methods Used to Prevent Losses of Cattle and Calves to Predators, 2005

Guard Animals	Exclusion Fencing	Herding	Night Penning	Frequent Checks	Fright Tactics	Livestock Carcass Removal	Culling
Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
46.0	40.5	9.0	17.9	28.5	2.9	18.2	22.4

# Sheep & Goat Death Loss, 2005

By Adam W. Pike

Non-ambulatory sheep and lambs totaled 39,000 head in the United States during 2005, a 5 percent increase from 2004. The number of non-ambulatory sheep one year and older in 2005 totaled 18,000 head, 2,000 more than the year before. Of the 18,000, 4,000 sheep recovered or were culled while 14,000 sheep died. The number of non-ambulatory lambs less than one year of age in 2005 totaled 21,000 head, no change from 2004. Of the 21,000, 2,000 lambs recovered or were culled while 19,000 died.

There were 6,900 operations in the U.S. reporting non-ambulatory sheep and lambs in 2005, an increase of 3 percent from 2004. There were 5,000 operations reporting non-ambulatory sheep, 200 more than the year before, and 4,000 operations reporting non-ambulatory lambs, 200 more as well.

Non-ambulatory goats and kids in the United States totaled 36,000 head during both 2004 and 2005. The number of non-ambulatory goats one year old and older in 2005 totaled 17,000 head, 1,000 more than the year before. The number of non-ambulatory kids less than one year of age in 2005 totaled 19,000, 1,000 less than the year before. Of the total operations in the United States, 6.1 percent reported having non-ambulatory goats and kids during 2005.

This report is released as a cooperative effort between the National Agricultural Statistics Service and Animal and Plant Health Inspection Service - Wildlife Services and Veterinary Services.

United States: Sheep and Lambs - Non-Ambulatory Number, 2004-2005<sup>1</sup>

Year and Item	Culled or Recovered	Died	Total
<b>2004</b>			
Sheep	3,000	13,000	16,000
Lambs	2,000	19,000	21,000
<b>Total</b>	<b>5,000</b>	<b>32,000</b>	<b>37,000</b>
<b>2005</b>			
Sheep	4,000	14,000	18,000
Lambs	2,000	19,000	21,000
<b>Total</b>	<b>6,000</b>	<b>33,000</b>	<b>39,000</b>

<sup>1</sup> Sheep refers to animals one year old and older while lambs refers to animals less than one year of age.

United States: Sheep and Lambs - Number of Operations with Non-Ambulatory Sheep and Lambs, 2004-2005<sup>1</sup>

Item	2004	2005
Sheep	4,800	5,000
Lambs	3,800	4,000
<b>Total<sup>2</sup></b>	<b>6,700</b>	<b>6,900</b>

<sup>1</sup> Sheep refers to animals one year old and older while lambs refers to animals less than one year of age. <sup>2</sup> Totals will not add because individual operation may report both sheep and lambs, and therefore be included in both the "sheep" and "lambs" categories.

United States: Goats and Kids - Non-Ambulatory Number, 2004-2005<sup>1</sup>

Item	2004	2005
Goats	16,000	17,000
Kids	20,000	19,000
<b>Total</b>	<b>36,000</b>	<b>36,000</b>

<sup>1</sup> Goats refers to animals one year old and older while kids refers to animals less than one year of age.

Pennsylvania and United States: Loss of Sheep and Lambs from Predators and Non-Predators – Number and Total Value, 2004

Cause of Death	Sheep		Lambs	
	Number	Total Value <sup>1</sup>	Number	Total Value <sup>2</sup>
<b>Pennsylvania</b>	<i>Head</i>	<i>1,000 Dollars</i>	<i>Head</i>	<i>1,000 Dollars</i>
Predators	600	88	1,200	83
Non-Predators	3,400	496	7,800	538
All Causes	4,000	584	9,000	
<b>United States</b>				
Predators	66,400	8,240	157,800	10,057
Non-Predators	148,900	19,051	227,200	14,233
All Causes	215,300	27,291	385,000	24,290

<sup>1</sup> Total value for sheep is based on a two-year straight average of the value of ewes for sheep value per head reported in the January 1 Sheep Survey from 2004 to 2005. <sup>2</sup> Total value for lambs is based on the market year average price for lamb value per head.

# Dairy, 2007

By Jillayne K. Weaver

**Milk Production Down Slightly:** Pennsylvania's milk production for 2007 was 10.7 billion pounds, 60 million pounds less than 2006 production. The 2007 average milk production per cow was 19,422 pounds for the year, 32 pounds more than 2006 production of 19,390 pounds per cow.

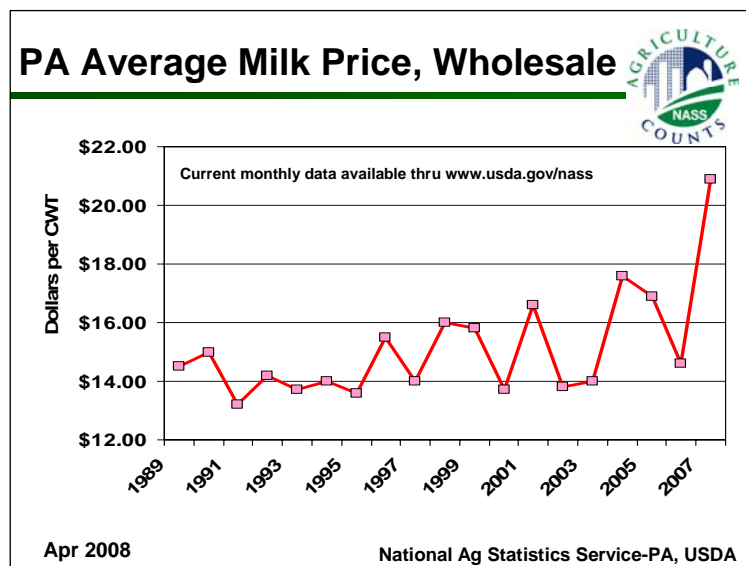
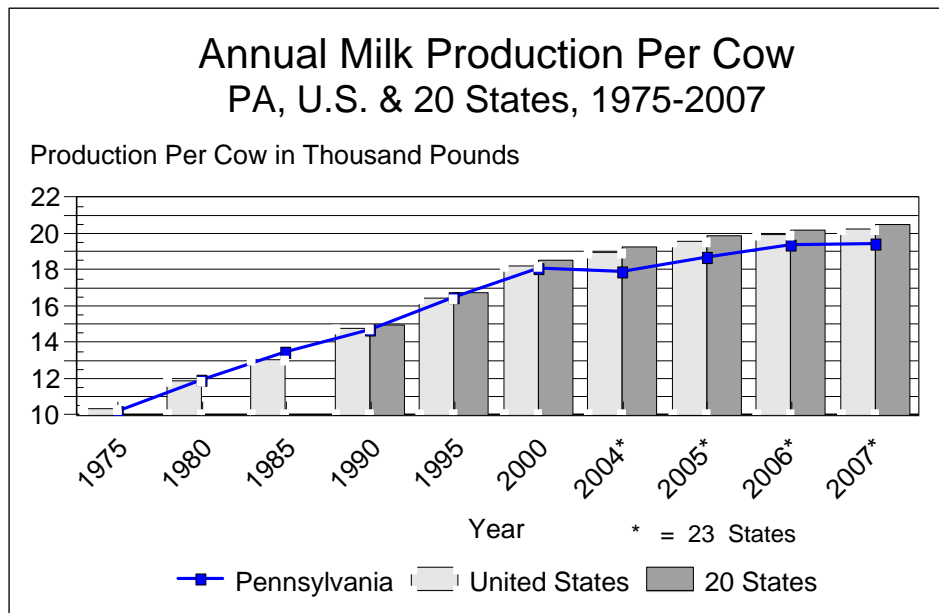
Pennsylvania held steady at 5th place in the nation's ranking in milk production, producing 5.8 percent of the nation's milk. California was 1st with 21.9 percent of the U.S. production, followed by Wisconsin, New York, and Idaho respectively.

The number of milk cows in the State averaged 550,000 head in 2007, 4,000 less than in 2006. The number of commercial dairy farms for 2007 is estimated at 8,200, down 200 from 2006. Commercial dairy farms are defined as farms with 10 or more milk cows in operation during the year.

**Milk Disposition & Income:** Gross income from marketings of Pennsylvania milk during 2007 totaled 2.23 billion dollars, up 664.2 million dollars from 2006. Marketings totaled 10.6 billion pounds in 2007, down 71 million pounds from 2006. Returns from both wholesale and retail sales in 2007 averaged \$20.90 per hundred pounds of milk, compared with \$14.60 per hundred pounds in 2006.

An estimated 64 million pounds of milk were used on farms where produced. Calves in the Commonwealth were fed 44 million pounds of milk, while 20 million pounds were used by producer's households as fluid milk, cream and butter.

**Production Costs:** Monthly cost of production statistics were discontinued in July 2005. Statistics prior to this time may be obtained by contacting this office.



**Pennsylvania: Milk Cows, Milk Production and Milk Price, By Months, 1997-2007**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Milk Cows on Farm <sup>1</sup> (1,000 Head)</b>													
1997	632	632	631	631	630	629	628	627	627	626	625	625	629
1998	625	625	624	624	623	623	623	623	623	621	620	619	623
1999	617	615	614	615	615	614	614	615	616	617	618	619	616
2000	617	617	618	615	615	617	619	619	619	618	616	613	617
2001	607	602	600	599	599	600	600	598	596	596	596	592	599
2002	587	583	581	581	580	582	584	585	587	591	591	590	585
2003	590	588	585	582	580	578	574	571	566	562	560	562	575
2004	563	564	564	561	557	557	559	560	562	563	563	565	562
2005	564	560	560	563	565	563	561	562	561	558	556	557	561
2006	557	555	555	557	556	555	555	554	553	552	550	549	554
2007	549	548	550	550	549	549	550	550	550	551	550	550	550
<b>Milk Production Per Cow (Pounds)</b>													
1997	1,400	1,315	1,470	1,450	1,495	1,430	1,420	1,410	1,360	1,410	1,370	1,430	16,951
1998	1,495	1,365	1,535	1,530	1,550	1,435	1,460	1,435	1,380	1,415	1,380	1,435	17,411
1999	1,475	1,375	1,565	1,545	1,605	1,495	1,470	1,455	1,415	1,450	1,420	1,480	17,745
2000	1,520	1,475	1,620	1,590	1,615	1,495	1,500	1,485	1,420	1,470	1,425	1,470	18,081
2001	1,520	1,420	1,580	1,540	1,600	1,520	1,510	1,480	1,450	1,500	1,460	1,540	18,112
2002	1,570	1,460	1,630	1,600	1,650	1,535	1,525	1,515	1,460	1,495	1,460	1,515	18,419
2003	1,540	1,430	1,600	1,575	1,600	1,480	1,500	1,480	1,415	1,455	1,420	1,480	17,979
2004	1,500	1,425	1,570	1,550	1,605	1,495	1,510	1,475	1,415	1,465	1,420	1,490	17,904
2005	1,540	1,420	1,600	1,600	1,675	1,595	1,590	1,575	1,500	1,550	1,500	1,580	18,722
2006	1,650	1,550	1,700	1,650	1,700	1,620	1,600	1,580	1,560	1,600	1,560	1,620	19,390
2007	1,640	1,500	1,710	1,690	1,720	1,590	1,610	1,610	1,550	1,610	1,580	1,620	19,422
<b>Total Milk Production (Million Pounds)</b>													
1997	885	831	928	915	942	899	892	884	853	883	856	894	10,662
1998	934	853	958	955	966	894	910	894	860	879	856	888	10,847
1999	910	846	961	950	987	918	903	895	872	895	878	916	10,931
2000	938	910	1,001	978	993	922	929	919	879	908	878	901	11,156
2001	923	855	948	922	958	912	906	885	864	894	870	912	10,849
2002	922	851	947	930	957	893	891	886	857	884	863	894	10,775
2003	909	841	936	917	928	855	861	845	801	818	795	832	10,338
2004	845	804	885	870	894	833	844	826	795	825	799	842	10,062
2005	869	795	896	901	946	898	892	885	842	865	834	880	10,503
2006	919	860	944	919	945	899	888	875	863	883	858	889	10,742
2007	900	822	941	930	944	873	886	886	853	887	869	891	10,682
<b>Wholesale Milk Price (Dollars Per Cwt.)</b>													
1997	13.90	13.90	14.30	14.60	13.80	13.80	12.80	13.10	13.00	14.70	15.50	15.60	14.00
1998	15.50	15.70	15.60	15.40	14.30	14.60	14.00	15.80	17.30	18.20	18.20	18.50	16.00
1999	18.80	17.70	17.70	13.30	14.00	14.50	14.60	15.00	16.50	16.90	17.20	13.50	15.80
2000	13.20	12.90	13.10	13.10	13.50	13.70	13.90	13.80	14.20	14.30	14.60	14.70	13.70
2001	14.50	14.60	15.70	16.30	17.00	17.70	17.60	17.80	18.50	17.30	16.80	14.90	16.60
2002	15.00	14.90	14.40	14.20	13.60	13.30	12.80	13.10	13.20	13.60	13.90	13.80	13.80
2003	13.70	13.00	12.50	12.50	12.50	12.50	13.00	13.90	15.90	16.70	16.30	15.90	14.00
2004	14.90	15.30	16.70	18.00	20.60	20.70	18.70	16.50	17.00	17.50	17.70	18.00	17.60
2005	17.90	16.90	17.50	16.60	16.50	15.90	16.30	16.60	17.00	17.30	17.10	16.60	16.90
2006	16.30	15.80	14.80	13.80	13.50	13.50	13.50	13.80	14.10	15.20	15.40	15.50	14.60
2007	16.20	16.50	17.20	18.00	19.30	21.30	23.40	23.70	23.80	23.50	23.90	23.10	20.90

<sup>1</sup> Average number of cows both dry and in milk.

**Pennsylvania: Milk Used and Marketed by Farmers, 1997-2007**

Year	Production of Milk and Milkfat			Milk Used Where Produced			Milk Marketed by Producers			Value of Milk Produced <sup>3 4</sup>
	Total		Percent of Fat, All Milk	Fed to Calves <sup>1</sup>	Used for Milk, Cream and Butter	Total	Sold to Plants and Dealers as Whole Milk	Sold Directly to Consumers <sup>2</sup>	Total	
	Milk	Milkfat								
	<i>Million Pounds</i>		<i>Percent</i>			<i>Million Pounds</i>			<i>1,000 Dols</i>	
1997	10,662	386.0	3.62	69	11	80	10,322	260	10,582	1,526.674
1998	10,847	397.0	3.66	65	11	76	10,506	265	10,771	1,735,520
1999	10,931	404.4	3.70	55	11	66	10,615	250	10,865	1,727,098
2000	11,156	415.0	3.72	50	5	55	10,993	108	11,101	1,528,372
2001	10,849	400.3	3.69	40	4	44	10,690	115	10,805	1,800,934
2002	10,775	399.8	3.71	30	3	33	10,632	110	10,742	1,486,950
2003	10,338	385.6	3.73	10	1	11	10,222	105	10,327	1,447,320
2004	10,062	368.3	3.66	7	1	8	9,954	100	10,054	1,770,912
2005	10,503	384.4	3.66	45	21	66	10,371	66	10,437	1,775,007
2006	10,742	399.6	3.72	35	18	53	10,640	49	10,689	1,568,332
2007	10,682	395.2	3.70	44	20	64	10,579	39	10,618	2,232,538

<sup>1</sup> Excludes milk sucked by calves. <sup>2</sup> Sales directly to consumers by producers who sell only milk from their own herds. <sup>3</sup> Value at average returns per 100 pounds of milk in combined marketings of milk and cream. <sup>4</sup> Includes value of milk fed to calves.

**Pennsylvania: Number of Milk Cows, Production and Value of Production, 2006, Revised <sup>1</sup>**

County & District	Number of Milk Cows		Production <sup>2</sup>		Value of Production <sup>3</sup>
	Jan. 1, 2007 Inventory	2006 Average	Per Cow	Total	
	<i>Number</i>		<i>Pounds</i>	<i>1,000 Lbs.</i>	<i>1,000 Dols.</i>
Adams	7,300	7,200	22,600	162,720	23,755
Armstrong	3,400	3,400	17,800	60,520	8,835
Beaver	2,000	2,000	18,200	36,400	5,314
Bedford	15,300	15,200	17,600	267,520	39,055
Berks	21,200	21,100	19,300	407,230	59,458
Blair	16,700	16,600	18,900	313,740	45,806
Bradford	24,100	24,100	19,215	463,090	67,615
Bucks	2,300	2,300	16,700	38,410	5,607
Butler	3,700	3,800	18,600	70,680	10,319
Cambria	2,500	2,400	16,700	40,080	5,852
Centre	12,300	12,300	17,800	218,940	31,966
Chester	18,000	17,900	22,500	402,750	58,805
Clarion	4,100	4,100	17,900	73,390	10,715
Clearfield	1,900	1,900	16,000	30,400	4,439
Clinton	5,900	5,900	18,400	108,560	15,850
Columbia	3,500	3,500	18,700	65,450	9,556
Crawford	13,000	13,000	18,315	238,100	34,763
Cumberland	16,800	16,500	20,200	333,300	48,660
Dauphin	6,100	6,100	19,900	121,390	17,724
Erie	7,400	7,400	17,200	127,280	18,582
Fayette	3,900	3,900	16,600	64,740	9,452
Franklin	44,200	43,900	19,744	866,740	126,540
Fulton	6,000	5,900	17,400	102,660	14,985
Huntingdon	12,200	12,300	19,300	237,390	34,658
Indiana	6,900	6,800	19,013	129,290	18,877
Jefferson	2,400	2,400	16,800	40,320	5,887
Juniata	7,600	7,400	18,300	135,420	19,772
Lackawanna	1,300	1,100	16,500	18,150	2,650
Lancaster	102,300	99,700	21,280	2121,640	309,770
Lawrence	5,500	5,500	18,000	99,000	14,453
Lebanon	20,700	20,900	23,300	486,970	71,101
Lehigh	1,000	1,200	19,042	22,850	3,336
Luzerne	1,400	1,400	16,700	23,380	3,413
Lycoming	6,800	6,800	17,800	121,040	17,672
McKean	1,400	1,400	19,100	26,740	3,904
Mercer	9,600	9,700	17,000	164,900	24,073
Mifflin	13,000	12,800	19,486	249,420	36,416
Montgomery	2,000	2,000	17,600	35,200	5,139
Montour	1,900	2,100	19,600	41,160	6,009
Northampton	2,600	2,500	17,700	44,250	6,459
Northumberland	4,500	4,500	17,900	80,550	11,760
Perry	7,700	7,700	21,700	167,090	24,395
Potter	4,800	4,800	19,800	95,040	13,876
Schuylkill	2,900	2,800	16,900	47,320	6,908
Snyder	8,200	8,200	17,100	140,220	20,472
Somerset	18,400	18,200	17,287	314,630	45,938
Sullivan	2,100	2,100	18,500	38,850	5,672
Susquehanna	10,900	10,600	17,519	185,700	27,111
Tioga	11,800	11,800	18,400	217,120	31,700
Union	8,900	8,700	18,500	160,950	23,499
Warren	4,700	4,700	16,400	77,080	11,251
Washington	3,800	3,800	16,100	61,180	8,932
Wayne	6,700	6,500	17,100	111,150	16,228
Westmoreland	6,200	6,100	17,500	106,750	15,586
Wyoming	3,100	3,800	19,000	72,200	10,541
York	9,400	9,300	20,200	187,860	27,425
Northwestern, Other Counties	1,800	1,700	16,318	27,740	4,051
North Central, Other Counties	600	600	17,600	10,560	1,541
East Central, Other Counties	600	600	16,833	10,100	1,474
Southwestern, Other Counties	700	1,000	17,000	17,000	2,482
Southeastern, Other Counties	-	100	17,000	1,700	248
Northwestern	36,500	36,500	17,400	635,100	92,720
North Central	57,500	57,500	18,800	1,081,000	157,830
Northeastern	22,000	22,000	17,600	387,200	56,530
West Central	28,000	28,000	18,200	509,600	74,400
Central	107,000	106,500	18,800	2,002,200	292,324
East Central	8,500	8,500	17,400	147,900	21,590
Southwestern	33,000	33,000	17,100	564,300	82,390
South Central	99,000	98,000	19,600	1,920,800	280,420
Southeastern	166,500	164,000	21,304	3,493,900	510,128
<b>Pennsylvania</b>	<b>558,000</b>	<b>554,000</b>	<b>19,390</b>	<b>10,742,000</b>	<b>1,568,332</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication.

<sup>2</sup> Excludes milk sucked by calves. <sup>3</sup> Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value fed to calves.

**Pennsylvania: Number of Milk Cows, Production and Value of Production, 2007 <sup>1</sup>**

County & District	Number of Milk Cows		Production <sup>2</sup>		Value of Production <sup>3</sup>
	Jan. 1, 2008 Inventory	2007 Average	Per Cow	Total	
	<i>Number</i>		<i>Pounds</i>	<i>1,000 Lbs.</i>	<i>1,000 Dols.</i>
Adams	7,200	7,300	21,438	156,500	32,709
Armstrong	3,300	3,300	18,424	60,800	12,707
Beaver	2,000	2,000	18,450	36,900	7,712
Bedford	15,200	14,900	17,517	261,000	54,549
Berks	20,800	21,300	19,624	418,000	87,362
Blair	16,400	16,600	19,410	322,200	67,339
Bradford	24,000	24,500	18,959	464,500	97,080
Bucks	2,200	2,000	20,000	40,000	8,360
Butler	3,600	3,700	19,351	71,600	14,964
Cambria	2,400	2,400	17,208	41,300	8,632
Centre	12,300	12,400	18,298	226,900	47,422
Chester	17,600	17,600	22,097	388,900	81,280
Clarion	4,000	3,800	18,026	68,500	14,317
Clearfield	1,900	2,000	16,300	32,600	6,813
Clinton	5,800	5,600	18,482	103,500	21,632
Columbia	3,500	3,500	18,343	64,200	13,418
Crawford	12,900	13,600	18,574	252,600	52,793
Cumberland	16,500	16,700	20,162	336,700	70,370
Dauphin	6,000	6,200	19,694	122,100	25,519
Erie	7,300	7,100	17,676	125,500	26,230
Fayette	3,800	3,700	16,595	61,400	12,833
Franklin	43,900	44,100	19,957	880,100	183,940
Fulton	5,900	5,600	17,393	97,400	20,357
Huntingdon	12,400	12,300	19,667	241,900	50,557
Indiana	6,800	6,700	19,284	129,200	27,003
Jefferson	2,400	2,300	17,435	40,100	8,381
Juniata	7,400	7,600	18,342	139,400	29,135
Lackawanna	1,100	1,200	15,000	18,000	3,762
Lancaster	100,500	97,300	21,077	2,050,800	428,617
Lawrence	5,400	5,200	17,865	92,900	19,416
Lebanon	20,000	20,500	23,707	486,000	101,574
Lehigh	1,300	1,200	17,417	20,900	4,368
Luzerne	1,400	1,400	16,500	23,100	4,828
Lycoming	6,700	6,800	18,044	122,700	25,644
McKean	1,300	1,300	19,538	25,400	5,309
Mercer	9,500	9,500	17,484	166,100	34,715
Mifflin	12,800	12,500	19,232	240,400	50,244
Montgomery	1,800	1,800	16,833	30,300	6,333
Montour	1,900	1,900	16,842	32,000	6,688
Northampton	2,400	2,000	19,850	39,700	8,297
Northumberland	4,500	4,800	18,167	87,200	18,225
Perry	7,700	8,300	21,241	176,300	36,847
Potter	4,800	4,600	19,261	88,600	18,517
Schuylkill	2,800	2,700	17,333	46,800	9,781
Snyder	8,100	7,900	17,177	135,700	28,361
Somerset	18,000	18,500	17,016	314,800	65,792
Sullivan	2,100	2,000	18,200	36,400	7,608
Susquehanna	10,500	10,500	18,286	192,000	40,128
Tioga	11,700	12,300	18,049	222,000	46,398
Union	8,700	8,600	18,930	162,800	34,025
Warren	4,600	4,600	17,022	78,300	16,364
Washington	3,700	4,400	16,409	72,200	15,090
Wayne	6,400	6,400	17,578	112,500	23,512
Westmoreland	6,000	6,300	17,794	112,100	23,429
Wyoming	3,500	3,400	16,324	55,500	11,600
York	9,300	9,400	20,351	191,300	39,982
Northwestern, Other Counties	1,700	1,700	16,176	27,500	5,748
North Central, Other Counties	600	400	17,250	6,900	1,442
East Central, Other Counties	600	700	16,429	11,500	2,404
Southwestern, Other Counties	1,000	1,100	17,727	19,500	4,076
Northwestern	36,000	36,500	17,808	650,000	135,850
North Central	57,000	57,500	18,609	1,070,000	223,630
Northeastern	21,500	21,500	17,581	378,000	79,002
West Central	27,500	27,000	18,519	500,000	104,500
Central	106,000	107,000	18,925	2,025,000	423,225
East Central	8,500	8,000	17,750	142,000	29,678
Southwestern	32,500	34,000	17,059	580,000	121,220
South Central	98,000	98,000	19,622	1,923,000	401,907
Southeastern	163,000	160,500	21,271	3,414,000	713,526
<b>Pennsylvania</b>	<b>550,000</b>	<b>550,000</b>	<b>19,422</b>	<b>10,682,000</b>	<b>2,232,538</b>

<sup>1</sup> Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication.

<sup>2</sup> Excludes milk sucked by calves. <sup>3</sup> Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value fed to calves.

# Annual Dairy Products, 2007

By Jillayne K. Weaber

**Ice Cream Production:** Pennsylvania manufacturers produced 33.4 million gallons of full fat regular hard ice cream in 2007, down 6.0 percent from 2006. Lowfat ice cream production totaled 16.7 million gallons, up 4.2 percent from 2006. Pennsylvania ranks seventh in lowfat ice cream production. Milk sherbet production, at 1,121,000 gallons, increased 12.4 percent from 2006.



**Butter Production:** The Commonwealth's 3 butter processors produced 70.5 million pounds of butter during 2007, down 2.3 percent from 2006.

**Cheese Production:** Production of all cheese, excluding cottage cheese, totaled 393.9 million pounds in 2007, up 4.3 percent from 2006. Production of all types of Italian cheeses increased 2.6 percent to 252.7 million pounds.



*Data are collected by mail, personal and telephone interviews following the close of each month. There were 75 manufacturers in the State that made 1 or more of these products in 2007.*

Pennsylvania: Specified Dairy Products Manufactured, Monthly, 2007

Product	Plants	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	<i>Number</i>	<i>(000) Pounds</i>												
Butter	3	6,890	6,174	7,176	7,448	7,325	5,171	4,350	2,780	3,882	5,733	5,726	7,807	70,462
Cheese, Italian, total	13	21,686	19,940	21,874	21,931	22,286	21,359	21,767	20,377	19,451	20,232	21,031	20,811	252,745
Cheese, total	33	31,688	29,235	34,068	32,105	33,795	32,092	33,531	32,387	32,095	33,982	34,610	34,277	393,865
		<i>(000) Gallons</i>												
Ice cream, regular, hard	30	2,718	2,020	2,542	3,072	3,327	3,508	3,275	3,278	2,562	2,853	2,206	2,060	33,421
Ice cream, lowfat, total <sup>1</sup>	-	995	1,089	1,241	1,525	1,810	1,877	1,904	1,697	1,232	1,272	972	1,040	16,654
Sherbet, hard	-	41	74	70	111	112	157	160	93	66	89	88	60	1,121
Ice cream mix, regular	20	1,446	1,105	1,464	1,697	1,932	1,994	1,875	1,892	1,449	1,597	1,151	1,107	18,709
Ice cream mix, lowfat <sup>2</sup>	12	316	345	423	502	651	636	646	481	432	404	312	333	5,481
Sherbet mix	9	26	40	41	71	56	81	86	50	35	45	49	32	612

<sup>1</sup> Includes hard, soft-serve, and freezer-made milkshake. <sup>2</sup> Includes milkshake mix.



Pennsylvania: Dairy Products Manufactured, 2000-2007

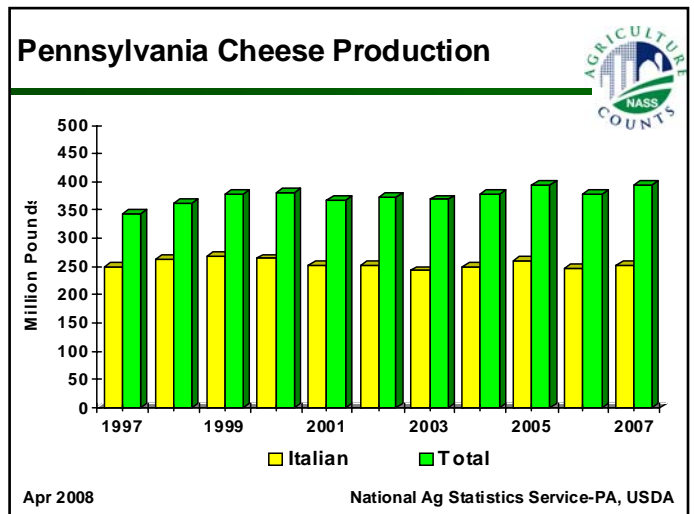
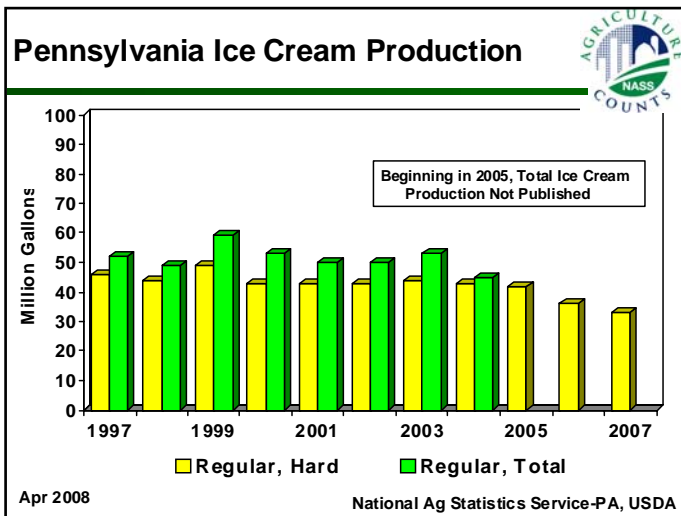
Manufactured Products	2000	2001	2002	2003	2004	2005	2006	2007
	<i>1,000 Pounds</i>							
Butter	84,869	74,378	80,603	61,928	60,327	71,616	72,151	70,462
Cheese, Italian, total	264,089	252,560	251,700	241,739	249,496	260,231	246,398	252,745
Cheese, total	379,671	366,972	374,051	368,945	376,730	395,003	377,540	393,865
	<i>1,000 Gallons</i>							
Ice cream, regular, total	49,039	50,056	49,698	52,574	n/p	n/p	n/p	n/p
Ice cream, regular hard	42,793	42,912	42,912	43,975	43,479	41,601	35,558	33,421
Ice cream, lowfat, total <sup>1</sup>	16,783	22,183	16,239	12,379	12,914	12,918	15,984	16,654
Ice cream, lowfat, soft	12,928	17,578	13,660	10,270	10,246	8,740	n/p	n/p
Ice cream, lowfat, hard	3,855	4,605	2,579	2,109	2,668	4,180	n/p	n/p
Sherbet, hard	1,772	2,369	2,067	1,388	1,449	1,448	997	1,121
Ice cream mix, regular	24,548	25,587	24,887	25,823	21,433	21,029	19,923	18,709
Ice cream mix, lowfat <sup>2</sup>	6,812	7,487	6,871	5,843	3,580	3,589	4,468	5,481
Sherbet mix	1,076	1,508	1,350	915	901	929	610	612

n/p = not published. <sup>1</sup> Includes hard, soft-serve, and freezer-made milkshake. <sup>2</sup> Includes milkshake mix.

Pennsylvania: Rank Among States in Manufactured Dairy Products, 2007 <sup>1</sup>

Item	1	2	3	4	5	6	7	8	9	10
Butter	CA	WI	<b>PA</b>	NY	-	-	-	-	-	-
All cheese	WI	CA	ID	NY	MN	NM	<b>PA</b>	SD	OH	IA
Italian cheese, total	CA	WI	NY	<b>PA</b>	ID	SD	-	-	-	-
Ice cream, lowfat, total	IN	TX	MO	IL	FL	CA	<b>PA</b>	MN	NY	UT
Milk sherbet	CA	IN	NY	NC	OH	TX	<b>PA</b>	UT	MA	TN

<sup>1</sup> States not included in the rankings when individual plant operations could be disclosed.



# Honey Production, 2007

By Tenopra M. Sheppard

Honey production for 2007 by producers with 5 or more colonies totaled 1,050,000 pounds, down 6 percent from 2006. Honey producers took honey from 25,000 colonies, with an average yield of 42 pounds per colony. Honey stocks on hand as of December 15th were 326,000 pounds, 54 percent less than the previous year.

Honey producers received an average price of \$1.63 per pound for the 2007 crop.



Total value of honey produced in 2007 honey is estimated at 1,712,000 dollars for Pennsylvania production. Pennsylvania is ranked 23rd in the nation for honey production for 2007.

A sample of honey producers were surveyed in December for information on number of colonies, honey production, honey stocks on hand for sale, and prices received for honey sold.

Pennsylvania: Number of Colonies, Yield, Production, Value and Stocks, 1980-2007 <sup>1</sup>

Year	Honey Producing Colonies	Yield Per Colony	Production	Average Price Per Pound <sup>2</sup>	Value of Production <sup>3</sup>	Stocks Dec 15 <sup>4</sup>
	<i>1,000</i>	<i>Pounds</i>	<i>1,000 Lbs.</i>	<i>Cents</i>	<i>1,000 Dols.</i>	<i>1,000 Lbs.</i>
1980	80	41	3,280	70	2,296	1,181
1986 <sup>5</sup>	50	32	1,600	55	880	624
1990	41	28	1,148	67	769	379
1997	22	48	1,056	100	1,056	528
1998	26	66	1,716	80	1,373	789
1999	28	60	1,680	76	1,277	790
2000	25	45	1,125	76	855	630
2001	26	57	1,482	87	1,363	785
2002	29	57	1,653	134	2,215	827
2003	27	50	1,350	144	1,944	419
2004	30	54	1,620	142	2,300	810
2005	28	56	1,568	113	1,772	800
2006	28	40	1,120	161	1,803	605
2007	25	42	1,050	163	1,712	326

<sup>1</sup> For producers with 5 or more colonies. Colonies which produced honey in more than one State were counted in each State. <sup>2</sup> Prices weighed by sales. <sup>3</sup> Value of production based on final State marketing year average price. <sup>4</sup> Stocks held by producers. <sup>5</sup> Survey discontinued after 1981 and reinstated in 1986.

Pennsylvania and Major States: Number of Colonies, Yield, Production, Value and Stocks, 2007 <sup>1</sup>

State	Honey Producing Colonies	Yield Per Colony	Production	Stocks Dec 15 <sup>2</sup>	Value of Production <sup>3</sup>
	<i>1,000</i>	<i>Pounds</i>	<i>1,000 Pounds</i>		<i>1,000 Dols.</i>
CA	340	40	13,600	3,672	14,144
FL	160	71	11,360	1,363	11,246
GA	60	58	3,480	522	3,967
ID	92	41	3,772	1,848	4,074
MI	72	64	4,608	2,350	5,253
MN	130	68	8,840	2,564	8,752
MT	135	68	9,180	2,203	8,629
NE	45	49	2,205	1,477	2,161
NY	56	57	3,192	1,947	4,533
ND	420	74	31,080	9,013	28,594
OR	44	43	1,892	1,041	2,289
PA	25	42	1,050	326	1,712
<b>SD</b>	<b>255</b>	<b>52</b>	<b>13,260</b>	<b>10,608</b>	<b>12,332</b>
TX	105	82	8,610	1,550	8,180
WA	46	44	2,024	648	2,530
WI	60	84	5,040	3,024	5,796
Oth Sts <sup>4</sup>	18	49	873	271	2,209
<b>U. S. Total</b>	<b>2,442</b>	<b>60.8</b>	<b>148,482</b>	<b>52,484</b>	<b>153,233</b>

<sup>1</sup> For producers with 5 or more colonies. Colonies which produced honey in more than one State were counted in each State. <sup>2</sup> Stocks held by producers. <sup>3</sup> Value of production based on final State marketing year average price. <sup>4</sup> Total colonies multiplied by total yield may not exactly equal production.

# Mink, 2007

By Daris J. Beitzel

Pennsylvania's mink ranchers produced 70,240 pelts in 2007, compared with 66,000 pelts in 2006. Pennsylvania ranked 10th in the nation in 2007 mink pelt production.

The number of females bred to produce kits for 2008 is estimated to be 16,450, down 13 percent from the previous year.

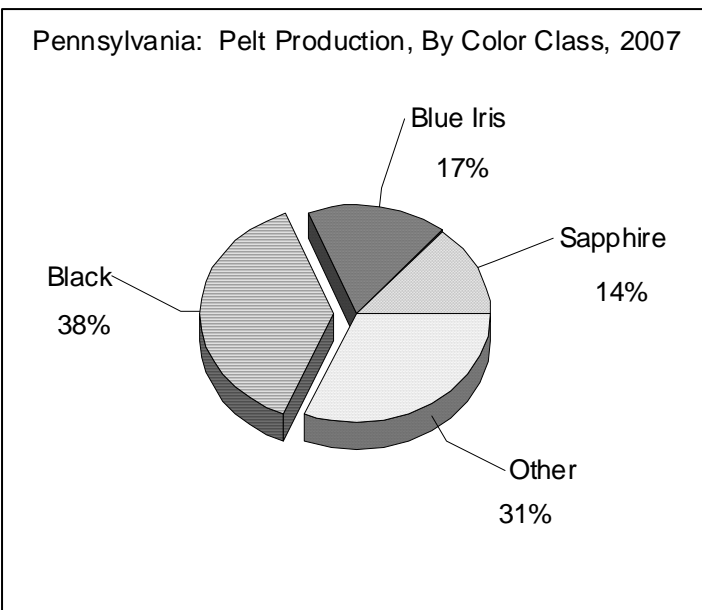
Forty percent of the females bred to produce kits are of the black color class.

The U.S. average marketing price per pelt produced for the 2007 crop year was \$65.70, up 36 percent from the price of \$48.40 in 2006. Average prices for Pennsylvania are not available.

**Pennsylvania: Mink Pelts Produced & Females Bred, By Color Class, 2005-2008**

Color Class	Pelts Produced			Females Bred to Produce Kits		
	2005	2006	2007	2006	2007	2008
	<i>Number</i>					
Black	22,700	25,000	27,000	4,800	7,000	6,500
Demi/Wild	1	1	1	1	1	1
Pastel	1	1	1	1	1	1
Sapphire	12,200	12,000	9,500	3,100	3,800	3,500
Blue Iris	13,400	14,000	12,000	3,700	4,000	3,300
Mahogany	1	1	1	1	1	1
Pearl	1	1	1	1	1	1
Lavender	1	1	1	1	1	1
Violet	1	1	1	1	1	1
White	1	1	1	1	1	1
Misc. & Unclassified	-	2,000	9,000	-	-	-
<b>Total</b>	<b>61,000</b>	<b>66,000</b>	<b>70,240</b>	<b>15,200</b>	<b>18,930</b>	<b>16,450</b>

<sup>1</sup> Included in total to avoid disclosing individual operations.



**Pennsylvania: Mink Historical Perspective, 1970-2008**

Year	Ranches Producing Pelts	Females Bred	Pelts Produced
	<i>Number</i>		
1970	106	58,000	159,000
1975	54	38,600	121,000
1980	47	44,500	156,600
1985	47	42,400	137,500
1990	24	27,100	95,400
1995	13	19,000	63,200
2000	10	18,300	68,100
2003	9	14,200	44,600
2004	9	14,900	55,900
2005	9	15,000	61,000
2006	10	15,200	66,000
2007	11	18,930	70,240
2008	-	16,450	-

# Poultry Production Summary, 2007

By Fred C. Granja

The combined value of Pennsylvania's poultry production from broilers, eggs, and turkeys, plus the value of other chicken sales in 2007, was \$864.0 million, a 30 percent increase from 2006. Of the combined total, 45.0 percent was from egg production, 43.3 percent from broiler production, 11.6 percent from turkey production, and less than 1 percent was from the sale of other chickens.

Inventory of all chickens, excluding broilers, on December 1, 2007 was 26.0 million. Hens and pullets of laying age numbered 22.5 million, 5 percent lower than the previous year. Pullets not of laying age totaled 3.9 million on December 1, a 4 percent decrease from 2006. Other chickens numbered 104,000. The total value of chicken inventory on December 1, 2006, was \$57.2 million. Pennsylvania ranked 5<sup>th</sup> in the United States for all chicken inventory on December 1, 2007.

Pennsylvania laying flocks produced 6.39 billion eggs from December 1, 2006, through November 30, 2007, down 4 percent from the 6.69 billion produced the previous year. The total value of egg production, based on an average price received by producers during the year of 73.1 cents per dozen for all egg, was \$389.1 million, up 63 percent from the previous year. An average of 22.0 million hens in Commonwealth flocks laid an average of 284 eggs each during the year. Pennsylvania ranked 4<sup>th</sup> in egg production in 2007.

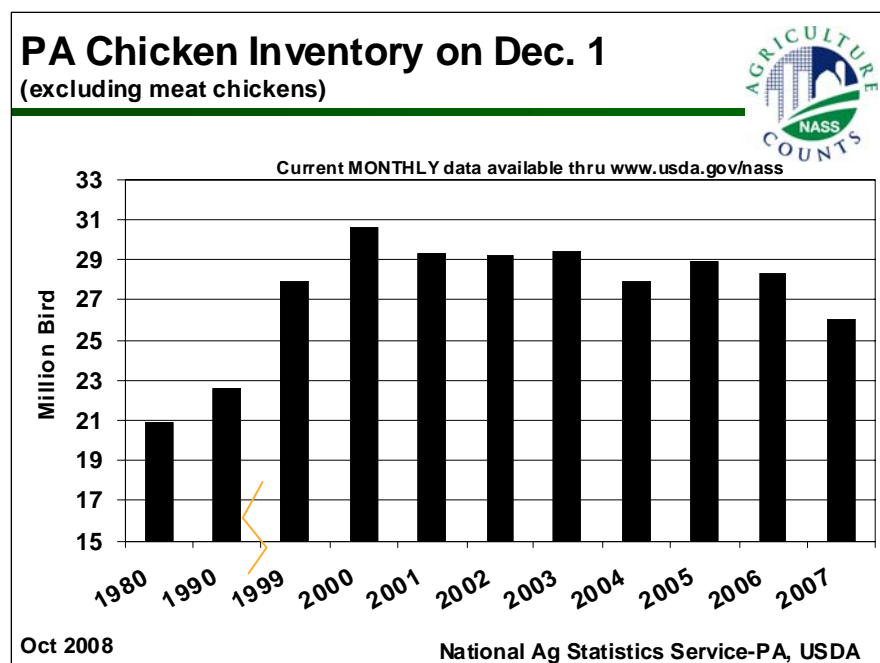
Broiler production from December 1, 2006, through November 30, 2007, was valued at \$374.2 million, up 22

percent from the previous year. A total of 151.2 million broilers were produced during the year. The average live weight of broilers produced was 5.5 pounds per bird, for a total production of 831.6 million pounds. The average price received per pound for live broilers was 45.0 cents. Pennsylvania ranked 14<sup>th</sup> in number of broilers produced in 2007.

Turkey producers raised 11.0 million poult during 2007, up 5 percent from 2006. Producers received an average of 50.0 cents per pound live weight for turkeys in 2007. Total value of turkey production from December 1, 2006, through November 30, 2007 (based on turkeys placed Sep 1 2006, through Aug 31, 2007) was \$100.1 million, a 5 percent decrease from the previous year. Pennsylvania was ranked 8<sup>th</sup> in the number of turkeys raised in 2007.

Commercial hatcheries hatched nearly 171.5 million broiler-type chicks during 2007, up 2 percent from the previous year. Egg-type chicks hatched totaled 54.3 million for 2007, 3 percent more than in 2005. Pennsylvania ranked 3<sup>rd</sup> in egg-type chicks hatched.

Data in the following tables result from voluntary responses from Pennsylvania poultry producers and agri-businesses. Primary surveys used for these tables include the Weekly & Monthly Hatchery Reports, Monthly Turkey Hatchery Report, Monthly Chicken & Egg Survey, and Annual Turkeys Raised Inquiry. Additional data are obtained from Quarterly Agriculture Surveys and Acreage & Livestock Surveys conducted throughout 2007.



**Pennsylvania: Commercial Broilers and Roasters – Production and Value, 1980-2007** <sup>1 2</sup>

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound <sup>3</sup>	Value of Production <sup>4</sup>
	<i>1,000 Head</i>	<i>Pounds</i>	<i>1,000 Lbs</i>	<i>Cents</i>	<i>1,000 Dollars</i>
1980	111,553	4.0	446,212	28.5	127,170
1985	94,696	4.2	397,723	31.0	123,294
1990	115,600	4.5	520,200	36.0	187,272
1995	121,400	5.0	607,000	33.5	203,345
2000	132,300	5.2	693,200	35.0	242,620
2001	133,200	5.3	701,200	41.0	287,492
2002	133,200	5.3	706,000	32.0	225,920
2003	129,600	5.3	686,900	36.0	247,284
2004	133,500	5.3	707,600	46.0	325,496
2005	148,100	5.4	799,700	45.0	359,865
2006	153,500	5.4	828,900	37.0	306,693
2007	151,200	5.5	831,600	45.0	374,220

<sup>1</sup> Marketing year ends November 30. <sup>2</sup> Broiler production including other domestic meat-type strains. <sup>3</sup> Live weight equivalent prices, derived from ready-to-cook (RTC) prices using the following formulas: RTC price minus processing cost X (dressing percentage) = live weight equivalent price. <sup>4</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Eggs – Production and Value, 1980-2007** <sup>1</sup>

Year	Eggs Produced	Price Per Dozen <sup>2</sup>	Value of Production <sup>3</sup>
	<i>Million</i>	<i>Cents</i>	<i>1,000 Dollars</i>
1980	4,251	51.0	180,668
1985	4,774	55.0	218,808
1990	4,976	61.0	252,947
1995	5,835	56.1	272,786
2000	6,313	54.6	287,242
2001	6,662	54.7	303,676
2002	6,520	51.4	279,273
2003	6,754	65.9	371,170
2004	6,585	61.9	339,744
2005	6,608	38.9	214,188
2006	6,687	42.8	238,351
2007	6,392	73.1	389,119

<sup>1</sup> Marketing year ends November 30. <sup>2</sup> Average of all eggs, including hatching eggs. <sup>3</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Turkeys – Production and Value, 1980-2007**

Year	Number Raised <sup>1</sup>	Pounds Per Bird	Pounds Produced	Price Per Pound <sup>2</sup>	Value of Production <sup>3</sup>
	<i>1,000 Head</i>	<i>Pounds</i>	<i>1,000 Lbs</i>	<i>Cents</i>	<i>1,000 Dollars</i>
1980	5,510	17.0	93,670	45.0	42,152
1985	7,100	19.0	134,900	50.0	67,450
1990	8,430	20.0	168,600	41.0	69,126
1995	11,500	20.0	230,000	40.0	92,000
2000	9,300	22.3	207,390	45.0	93,326
2001	9,500	22.5	213,750	46.0	98,325
2002	9,900	23.6	233,640	39.0	91,120
2003	9,500	22.7	215,650	47.0	101,356
2004	12,000	19.5	234,000	48.0	112,320
2005	10,500	19.7	206,850	49.0	101,357
2006	10,500	18.6	195,300	54.0	105,462
2007	11,000	18.2	200,200	50.0	100,100

<sup>1</sup> Based on turkeys placed September 1 through August 31. Excludes young turkeys lost. <sup>2</sup> Active live weight prices. <sup>3</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Layers, Egg Production, Egg Prices and Hatch Data, By Months, 1997-2007**

Year	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Annual Avg or Total
<b>Average Number of Layers – 1,000</b>													
1997	21,801	21,933	21,736	21,318	21,535	21,708	21,063	21,075	21,453	21,778	22,096	22,573	21,671
1998	22,763	22,415	22,238	22,248	21,944	21,592	21,605	21,598	21,564	21,639	22,274	22,721	22,049
1999	22,752	22,701	22,790	22,790	22,590	22,449	22,437	22,462	22,395	22,477	22,809	22,965	22,634
2000	22,720	22,739	23,250	23,530	23,116	22,552	22,491	23,061	23,578	23,908	24,292	24,353	23,298
2001	23,931	24,085	24,496	24,623	25,006	24,870	24,200	24,262	24,615	24,344	24,137	23,950	24,377
2002	23,820	23,938	23,656	23,379	23,336	23,450	23,466	23,457	23,717	23,709	23,727	24,042	23,641
2003	24,854	25,321	24,803	24,629	24,752	24,769	24,506	24,223	23,983	24,019	24,409	23,946	24,518
2004	23,504	23,643	23,938	24,063	23,949	24,082	24,189	24,139	23,964	23,774	23,835	23,630	23,893
2005	24,444	24,484	24,455	24,399	23,943	23,418	22,988	23,045	23,371	23,523	23,778	24,096	23,785
2006	24,444	24,255	23,667	23,818	23,947	23,914	23,788	23,503	23,260	23,180	23,497	23,827	23,758
2007	23,898	23,585	22,961	22,679	22,560	22,348	22,283	21,884	21,937	22,090	21,973	21,973	22,514
<b>Eggs Produced – Million</b>													
1997	510	513	458	502	489	502	467	478	489	478	505	509	5,900
1998	528	517	463	516	496	493	476	506	502	480	505	501	5,983
1999	531	530	476	530	508	513	489	503	512	506	528	509	6,135
2000	516	509	489	542	516	518	497	529	547	529	560	557	6,309
2001	557	553	517	585	557	560	541	561	572	552	564	543	6,662
2002	552	548	499	552	534	557	540	552	550	532	557	547	6,520
2003	581	593	529	587	563	575	556	569	562	541	562	536	6,754
2004	544	544	519	566	536	554	549	569	567	536	556	545	6,585
2005	567	572	522	585	551	559	538	549	543	527	551	542	6,608
2006	567	571	509	567	554	572	558	573	564	542	561	549	6,687
2007	569	565	502	548	527	536	517	529	529	511	532	527	6,392
<b>Average Price Received for Eggs – Cents Per Dozen</b>													
1997	75.0	72.0	67.0	64.0	59.0	55.0	50.0	55.0	55.0	60.0	58.0	70.0	61.8
1998	72.0	70.0	58.0	60.0	57.0	46.0	46.0	48.0	59.0	54.0	56.0	66.0	57.8
1999	61.0	59.0	53.0	57.0	50.0	38.0	45.0	46.0	49.0	44.0	40.0	58.0	50.1
2000	51.0	49.0	59.0	44.0	54.0	38.0	47.0	40.0	50.0	45.0	57.0	65.0	50.0
2001	75.0	57.0	55.0	58.0	55.0	37.0	42.0	40.0	45.0	44.0	46.0	52.0	50.5
2002	45.0	47.0	44.0	58.0	40.0	37.0	52.0	47.0	52.0	47.0	41.0	60.0	51.4
2003	60.0	50.0	52.0	59.0	61.0	46.0	60.0	60.0	69.0	70.0	74.0	95.0	65.9
2004	75.0	80.0	78.0	102.0	67.0	53.0	53.0	43.0	37.0	37.0	32.0	46.0	61.9
2005	55.0	38.0	36.0	33.0	26.0	24.0	22.0	32.0	26.0	43.0	33.0	46.0	34.5
2006	56.0	45.0	28.0	45.0	30.0	20.0	35.0	23.0	35.0	35.0	36.0	65.0	37.8
2007	60.0	69.0	60.0	63.0	51.0	56.0	46.0	76.0	68.0	93.0	77.0	115.0	69.4

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
<b>Egg-type Chicks Hatched – 1,000</b>													
1997	4,235	4,868	5,524	4,979	4,973	5,517	4,670	3,983	5,548	4,181	4,128	4,510	57,116
1998	5,317	4,901	5,647	5,570	4,967	6,003	5,462	3,953	6,386	5,354	4,621	6,096	64,277
1999	5,002	5,591	6,110	6,527	5,088	5,954	4,918	4,612	5,329	6,490	4,205	4,757	64,583
2000	4,943	4,609	6,300	5,148	5,455	4,907	4,772	5,688	5,700	5,668	5,493	5,418	64,101
2001	5,613	5,467	5,457	5,349	5,684	6,206	5,227	5,351	5,135	5,259	4,121	4,565	63,434
2002	4,540	4,094	4,867	4,402	4,200	4,884	3,815	4,661	4,381	3,569	3,544	4,349	51,306
2003	4,353	3,709	4,012	4,740	4,247	4,249	4,685	4,513	5,308	5,111	3,873	4,623	53,423
2004	4,935	4,849	5,261	6,117	5,251	5,349	4,491	4,497	5,141	5,183	5,787	5,291	62,152
2005	5,818	4,790	5,201	4,596	4,493	4,769	4,227	5,841	4,768	4,343	4,008	4,889	57,743
2006	4,231	4,269	5,054	3,787	4,630	4,741	3,736	5,076	4,940	4,566	3,318	4,447	52,795
2007	4,470	4,883	5,560	5,042	4,499	4,646	4,040	4,392	4,165	3,715	4,342	4,575	54,329
<b>Broiler-type Chicks Hatched – 1,000</b>													
1997	12,770	11,574	12,803	12,723	13,258	12,336	12,958	13,153	12,682	12,791	11,697	12,800	151,545
1998	12,784	11,730	13,227	12,407	13,269	12,650	13,198	12,507	12,532	12,317	11,435	12,811	150,867
1999	13,125	11,618	13,525	12,782	13,100	12,790	13,306	12,634	12,357	11,944	11,383	12,795	151,359
2000	13,307	12,008	12,803	12,880	13,226	12,669	12,809	13,077	11,576	12,683	11,053	13,044	151,135
2001	12,567	11,665	13,158	12,893	13,429	12,937	13,604	13,430	12,784	13,301	11,865	13,549	155,182
2002	13,264	11,171	13,688	13,081	13,366	13,394	13,361	13,218	12,717	12,538	11,345	12,688	153,831
2003	12,471	11,185	12,085	12,800	13,025	13,023	13,030	13,544	12,313	12,277	11,588	13,414	150,755
2004	12,642	12,003	13,039	13,104	13,668	12,629	13,747	13,742	13,345	12,877	12,964	14,060	157,820
2005	14,168	12,975	14,870	14,343	15,008	13,974	14,384	15,184	14,439	14,644	13,602	14,716	172,307
2006	13,942	12,976	14,202	14,340	14,604	14,090	14,600	14,618	13,158	14,322	12,986	14,718	168,556
2007	14,372	12,581	14,142	13,833	14,528	14,026	14,267	14,331	14,704	15,168	14,251	15,257	171,460

<sup>1</sup> Marketing year.

**Pennsylvania: Chicken Inventory on Farms December 1, 1991-2007**

Year	Layers on Hand	Pullets Not of Laying Age	Other Chickens	Total Chickens <sup>1</sup>	
				Number	Value
	1,000	1,000	1,000	1,000	1,000 Dols.
1991	19,600	4,580	120	24,300	46,170
1992	21,700	5,870	130	27,700	44,320
1993	20,640	6,440	120	27,200	54,400
1994	21,910	4,500	120	26,530	45,101
1995	21,805	4,600	115	26,520	45,084
1996	21,600	4,600	115	26,315	44,736
1997	23,005	4,550	115	27,670	47,039
1998	22,655	5,694	105	28,454	48,372
1999	22,788	4,982	115	27,885	50,193
2000	24,179	6,355	85	30,619	48,990
2001	23,677	5,573	78	29,328	46,925
2002	24,180	4,985	92	29,257	52,663
2003	23,380	5,935	93	29,408	55,875
2004	23,290	4,532	110	27,932	53,071
2005	24,305	4,511	110	28,926	54,959
2006	24,097	4,092	114	28,303	50,945
2007	21,993	3,912	104	26,009	57,220

<sup>1</sup> Excludes commercial broilers.

**Pennsylvania: Total Chickens, Number of Layers, Egg Production and Value of Production, 2006, Revised <sup>1</sup>**

County	All Chickens, December 1 <sup>2</sup>		Average Number of Layers	Total Egg Production	Value of Production <sup>3</sup>
	Number	Value			
	<i>Number</i>	<i>Dollars</i>	<i>Number</i>	<i>1,000</i>	<i>1,000 Dollars</i>
Adams	1,830,000	3,294,000	1,746,000	493,000	17,572
Berks	3,423,400	6,162,120	2,786,000	785,000	27,980
Chester	996,000	1,792,800	657,000	184,000	6,558
Dauphin	959,200	1,726,560	776,000	218,000	7,770
Franklin	1,878,300	3,380,940	1,662,000	466,000	16,610
Lancaster	9,190,000	16,542,000	7,677,000	2,160,000	76,991
Lebanon	3,165,100	5,697,180	2,393,000	674,000	24,024
Northumberland	758,200	1,364,760	664,000	187,000	6,665
Schuylkill	957,200	1,722,960	803,000	226,000	8,056
York	1,498,200	2,696,760	1,367,000	385,000	13,723
Other Counties	3,647,400	6,565,320	3,227,000	909,000	32,400
<b>Pennsylvania</b>	<b>28,303,000</b>	<b>50,945,400</b>	<b>23,758,000</b>	<b>6,687,000</b>	<b>238,351</b>

<sup>1</sup> All other counties are not published to avoid disclosure of individual operations or have less than 500,000 total chickens. Counties not shown separately included in 'Other Counties'. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Excludes broilers. <sup>3</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Total Chickens, Number of Layers, Egg Production and Value of Production, 2007 <sup>1</sup>**

County	All Chickens, December 1 <sup>2</sup>		Average Number of Layers	Total Egg Production	Value of Production <sup>3</sup>
	Number	Value			
	<i>Number</i>	<i>Dollars</i>	<i>Number</i>	<i>1,000</i>	<i>1,000 Dollars</i>
Berks	2,069,000	4,552,000	1,765,000	500,000	30,438
Franklin	1,425,000	3,135,000	958,000	270,000	16,436
Lancaster	8,900,000	19,580,000	7,969,000	2,247,000	136,788
Lebanon	2,025,000	4,455,000	1,570,000	445,000	27,090
Perry	595,000	1,309,000	460,000	131,000	7,975
York	1,450,000	3,190,000	1,050,000	300,000	18,263
Other Counties	9,545,000	20,999,000	8,742,000	2,499,000	152,129
<b>Pennsylvania</b>	<b>26,009,000</b>	<b>57,220,000</b>	<b>22,514,000</b>	<b>6,392,000</b>	<b>389,119</b>

<sup>1</sup> All other counties are not published to avoid disclosure of individual operations or have less than 500,000 total chickens. Counties not shown separately included in 'Other Counties'. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Excludes broilers. <sup>3</sup> Value of production based on final State marketing year average price.

**Pennsylvania: Broiler-Type Eggs Set, Chicks Hatched and Placements By Weeks, 2006-2007**

Year, Week Ending	Eggs Set <sup>1</sup>	Chicks Hatched	Broilers Placed <sup>2</sup>	Year, Week Ending	Eggs Set <sup>1</sup>	Chicks Hatched	Broilers Placed <sup>2</sup>
		--- 1,000 ---				--- 1,000 ---	
<b><u>2005</u></b>				<b><u>2006</u></b>			
Nov 5	3,903	3,269	3,167	Nov 4	3,595	3,169	2,956
Nov 12	4,260	3,078	2,886	Nov 11	3,897	3,052	2,826
Nov 19	4,256	3,060	3,035	Nov 18	3,999	2,792	2,786
Nov 26	3,997	3,182	3,152	Nov 25	4,124	3,041	2,989
Dec 3	3,943	3,412	3,172	Dec 2	4,023	3,210	3,062
Dec 10	4,118	3,430	3,106	Dec 9	3,901	3,360	3,130
Dec 17	3,791	3,251	2,965	Dec 16	3,985	3,441	3,157
Dec 24	3,701	3,170	2,878	Dec 23	3,862	3,297	3,118
Dec 31	3,799	3,401	3,211	Dec 30	3,926	3,230	2,936
<b><u>2006</u></b>				<b><u>2007</u></b>			
Jan 7	3,729	3,156	3,000	Jan 6	3,849	3,303	3,222
Jan 14	3,915	3,092	3,012	Jan 13	3,972	3,195	3,170
Jan 21	3,983	3,167	3,101	Jan 20	3,946	3,258	3,172
Jan 28	3,971	3,139	3,122	Jan 27	3,679	3,193	3,190
Feb 4	3,721	3,235	3,066	Feb 3	3,929	3,318	3,180
Feb 11	4,063	3,323	3,076	Feb 10	3,352	3,299	3,095
Feb 18	3,333	3,283	3,198	Feb 17	4,104	3,038	2,954
Feb 25	4,214	3,087	2,977	Feb 24	3,890	3,238	3,111
Mar 4	3,974	3,347	3,054	Mar 3	3,999	2,772	2,740
Mar 11	4,118	2,759	2,748	Mar 10	3,967	3,349	3,110
Mar 18	4,191	3,438	3,120	Mar 17	3,961	3,137	3,081
Mar 25	3,809	3,221	3,060	Mar 24	3,789	3,238	3,137
Apr 1	4,186	3,352	3,147	Mar 31	3,964	3,229	3,184
Apr 8	4,276	3,468	3,161	Apr 7	4,114	3,230	2,996
Apr 15	4,351	3,131	2,855	Apr 14	4,197	3,083	2,902
Apr 22	3,922	3,324	3,038	Apr 21	4,143	3,215	2,995
Apr 29	3,819	3,437	3,135	Apr 28	3,836	3,330	3,156
May 6	4,093	3,500	3,086	May 5	3,998	3,409	3,262
May 13	4,013	3,240	3,121	May 12	4,017	3,399	3,172
May 20	4,142	3,124	2,797	May 19	4,024	3,124	2,838
May 27	4,073	3,372	3,107	May 26	4,116	3,250	3,124
Jun 3	3,950	3,272	3,057	Jun 2	3,927	3,251	3,024
Jun 10	4,011	3,384	3,095	Jun 9	4,261	3,256	3,050
Jun 17	4,110	3,307	3,029	Jun 16	4,086	3,306	2,989
Jun 24	3,991	3,205	2,941	Jun 23	4,294	3,177	3,026
Jul 1	3,920	3,255	3,128	Jun 30	3,944	3,357	3,060
Jul 8	4,088	3,364	3,098	Jul 7	4,053	3,293	3,067
Jul 15	4,085	3,243	3,166	Jul 14	3,995	3,369	3,138
Jul 22	4,229	3,213	3,074	Jul 21	4,090	3,096	2,873
Jul 29	4,246	3,340	3,042	Jul 28	4,029	3,132	3,050
Aug 5	3,962	3,408	3,246	Aug 4	3,940	3,209	3,136
Aug 12	3,753	3,428	3,390	Aug 11	4,232	3,321	3,051
Aug 19	3,857	3,424	3,265	Aug 18	4,341	3,252	3,067
Aug 26	3,794	3,192	3,035	Aug 25	4,484	3,096	2,794
Sep 2	4,094	2,998	2,931	Sep 1	4,397	3,302	3,018
Sep 9	3,791	2,999	2,984	Sep 8	4,204	3,395	3,123
Sep 16	3,567	2,996	2,973	Sep 15	4,058	3,568	3,254
Sep 23	4,255	3,259	3,122	Sep 22	4,297	3,453	3,139
Sep 30	4,119	3,047	2,973	Sep 29	4,432	3,350	3,210
Oct 7	4,069	2,891	2,660	Oct 6	4,368	3,258	2,992
Oct 14	3,814	3,430	3,133	Oct 13	4,187	3,468	3,154
Oct 21	3,721	3,337	3,050	Oct 20	4,117	3,520	3,184
Oct 28	3,388	3,304	3,084	Oct 27	4,026	3,472	3,289
<b>TOTAL<sup>3</sup></b>	<b>170,710</b>	<b>139,491</b>	<b>131,457</b>	<b>TOTAL<sup>4</sup></b>	<b>209,920</b>	<b>169,100</b>	<b>159,439</b>

<sup>1</sup> Eggs set and chicks hatched for all broiler type chicks, those to be raised as broilers and those to be raised for breeder flock replacement. <sup>2</sup> Placements for broiler production in Pennsylvania only. <sup>3</sup> Production year 2006 includes weeks ending November 5, 2005 through October 28, 2006. <sup>4</sup> Production year 2007 includes weeks ending November 4, 2006 through October 27, 2007.



**Pennsylvania: Broiler Production and Value, 2006, Revised <sup>1</sup>**

County	Number Produced	Pounds Produced	Value of Production <sup>2</sup>
	<i>1,000 Head</i>	<i>1,000 Lbs.</i>	<i>1,000 Dollars</i>
Adams	754	4,072	1,506
Berks	9,650	52,110	19,281
Chester	2,141	11,561	4,278
Columbia	1,014	5,476	2,026
Cumberland	3,652	19,721	7,297
Dauphin	4,357	23,528	8,705
Franklin	5,225	28,215	10,440
Juniata	13,662	73,775	27,297
Lancaster	59,016	318,686	117,914
Lebanon	14,524	78,430	29,019
Lycoming	578	3,121	1,155
Mifflin	1,363	7,360	2,723
Montour	749	4,045	1,497
Northumberland	3,163	17,080	6,320
Perry	4,571	24,683	9,133
Schuylkill	3,882	20,963	7,756
Snyder	13,728	74,131	27,429
Union	8,812	47,585	17,606
York	2,373	12,814	4,741
Other Counties	286	1,544	571
<b>Pennsylvania <sup>3</sup></b>	<b>153,500</b>	<b>828,900</b>	<b>306,693</b>

<sup>1</sup> December 1, 2005, through November 30, 2006. Counties not shown separately included in 'Other Counties'. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> Totals may not add due to rounding.

**Pennsylvania: Broiler Production and Value, 2007 <sup>1</sup>**

County	Number Produced	Pounds Produced	Value of Production <sup>2</sup>
	<i>1,000 Head</i>	<i>1,000 Lbs.</i>	<i>1,000 Dollars</i>
Adams	737	4,054	1,824
Berks	9,900	54,450	24,503
Chester	1,640	9,020	4,059
Columbia	1,600	8,800	3,960
Cumberland	2,800	15,400	6,930
Dauphin	4,745	26,098	11,744
Franklin	5,495	30,223	13,600
Juniata	13,600	74,800	33,660
Lancaster	51,387	282,629	127,183
Lebanon	14,996	82,478	37,115
Lycoming	452	2,486	1,119
Mifflin	1,595	8,773	3,948
Montour	955	5,253	2,364
Northumberland	4,801	26,406	11,883
Perry	4,465	24,558	11,051
Schuylkill	5,992	32,956	14,830
Snyder	14,950	82,225	37,001
Union	7,435	40,893	18,402
York	2,656	14,608	6,574
Other Counties	999	5,490	2,470
<b>Pennsylvania <sup>3</sup></b>	<b>151,200</b>	<b>831,600</b>	<b>374,220</b>

<sup>1</sup> December 1, 2006, through November 30, 2007. Counties not shown separately included in 'Other Counties'. The district map and county listing can be found on the inside back cover of this publication. <sup>2</sup> Value of production based on final State marketing year average price. <sup>3</sup> Totals may not add due to rounding.

# Trout and Aquaculture Census, 2007

By Mark A. Linstedt & Tyler D. Heep

Pennsylvania's 54 commercial trout growers produced trout valued at \$27.36 million in 2007. Thirty-nine producers sold 1.57 million pounds of trout, valued at \$5.06 million during 2007, ranking fourth nationally behind Idaho, North Carolina, and California, while 19 producers distributed trout valued at \$22.3 million for conservation and recreational purposes. Note that there were a few Pennsylvania trout operations that both sold and distributed trout in 2007.

Pennsylvania ranks first in the nation for the value of trout distributed for conservation and recreational purposes. With an estimated value of \$22.3 million, Pennsylvania accounts for 22.2 percent of the value of the nation's distributed trout. This dollar value includes trout released by state hatcheries, cooperative nurseries, and private fishing clubs.

Trout were distributed for restoration or conservation purposes by 19 operations in Pennsylvania, primarily by the state fish commission and its cooperative nurseries, but also by private fishing clubs. These trout included 16,000 fish 12" or longer, and 8.8 million 6-12" fish, compared to 5.1 million 6-12" fish a year ago.

Sales of trout 12 inches or longer by Pennsylvania's growers totaled 1.36 million pounds, or 87 percent of the total production sold during the period. Averaging \$2.87 per pound, compared to \$2.67 last year and \$1.15 nationally, the 12 inch and larger trout were valued at \$3.90 million. Fee fishing and recreational sales accounted for 51 percent of the production, and sales to processors accounted for another 20 percent.

Sales of trout 6 to 12 inches long by Pennsylvania growers totaled 400,000 fish, or 200,000 pounds live weight during the period. This was down 210,000 lbs. or 34 percent from the same period a year ago. At an average price of \$5.11 a pound, up \$.46/lb from last year, and \$2.95 nationally, sales of 6 to 12 inch trout were valued at \$1,022,000, with 76 percent of the volume sold to fee fishing and recreational establishments.

Total losses of all Pennsylvania trout intended for sale were 553,000 fish during 2007, with 49 percent being lost to predators, 16 percent to disease, and 35 percent to various other causes such as equipment malfunctions.

The National Agricultural Statistics Service surveyed all known commercial trout growers in Pennsylvania and 19 other states: Arkansas, California, Colorado, Connecticut, Georgia, Idaho, Maine, Massachusetts, Michigan, Missouri, New York, North Carolina, Oregon, Tennessee, Utah, Virginia, Washington, West Virginia, and Wisconsin. Information was collected by mail, telephone and personal interview.

For the 20 selected states, the total value of all trout sales during 2007 totaled \$87.5 million. Sales of trout 12" and longer accounted for 97 percent of the pounds sold, with 67 percent of that amount purchased by processors.

Pennsylvania: Trout Sales, 2006-2007

Type	Number of Fish		Total Pounds Sold		Total Value of Sales		Average Value	
	2006	2007	2006	2007	2006	2007	2006	2007
	1,000				1,000 Dollars		Dollars	
12" or longer	1,290	1,040	1,400	1,360	3,738	3,903	2.67/lb.	2.87/lb.
6" - 12"	610	400	200	200	930	1,022	4.65/lb.	5.11/lb.
1" - 6"	390	380	10	10	122	132	313.00/thou	348.00/thou
<b>Total</b>	<b>2,290</b>	<b>1,820</b>	<b>1,610</b>	<b>1,570</b>	<b>4,790</b>	<b>5,057</b>	-	-

United States: Trout Sales, 2006-2007

Type	Number of Fish		Total Pounds Sold		Total Value of Sales		Average Value	
	2006 <sup>1</sup>	2007	2006 <sup>1</sup>	2007	2006 <sup>1</sup>	2007	2006 <sup>1</sup>	2007
	1,000				1,000 Dollars		Dollars	
12" or longer	52,452	59,729	65,346	69,343	72,733	80,013	1.11/lb.	1.15/lb.
6" - 12"	6,249	4,994	2,503	1,978	6,388	5,838	2.55/lb.	2.95/lb.
1" - 6"	8,725	9,563	205	237	1,544	1,695	177.00/thou	177.00/thou
<b>Total</b>	<b>67,426</b>	<b>74,286</b>	<b>68,054</b>	<b>71,558</b>	<b>80,665</b>	<b>87,546</b>	-	-

<sup>1</sup> Revised.

United States: Trout Egg Sales, 2006-2007

Item	Number of Eggs		Total Value of Sales		Average Price per 1,000 Eggs	
	2006 <sup>1</sup>	2007	2006 <sup>1</sup>	2007	2006 <sup>1</sup>	2007
	1,000				1,000 Dollars	
Eggs	*	392,973	*	7,460	*	19.00

<sup>1</sup> Revised. \* Not published to avoid disclosure of individual operations.

**AQUACULTURE CENSUS:** Pennsylvania producers of aquaculture products reported sales totaling \$9.94 million in a census of aquaculture conducted in April 2008.

Sales of food fish comprised 81 percent of the total aquaculture sales. The remainder of the sales made up of sport and game fish, baitfish, crustaceans, mollusks, ornamental fish, and other animal aquaculture (tadpoles, frogs, trout eggs, etc.).

Pennsylvania: Aquaculture Products by Type - Number of Operations and Value of Sales, 2005-2007 <sup>1</sup>

Class	Number of Operations with Sales <sup>2</sup>			Value of Sales <sup>3</sup>			Percent change from 2006
	2005	2006	2007	2005	2006	2007	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>
Trout	40	36	41	4,819,000	4,644,276	5,004,075	8
Non-trout foodfish	14	12	16	2,608,000	1,817,897	3,028,008	67
Baitfish	8	7	14	283,000	581,340	669,334	15
Ornamental and aquarium fish	11	7	17	(D)	(D)	(D)	(D)
Sport/game fish	8	6	11	98,000	121,057	176,956	46
Mollusks	2	3	2	(D)	(D)	(D)	(D)
Crustaceans	-	3	4	-	(D)	(D)	(D)
Other aquaculture (includes trout eggs)	3	9	7	(D)	14,555	24,850	71
<b>All aquaculture</b>	<b>56</b>	<b>55</b>	<b>67</b>	<b>8,951,000</b>	<b>7,916,264</b>	<b>9,943,317</b>	<b>26</b>

(D) = Cannot be disclosed due to confidentiality rules that do not allow disclosure of individual sales data. <sup>1</sup> Includes only operations that had at least \$1,000 in aquaculture sales during the 2007 calendar year. <sup>2</sup> The sum of operations number for specific categories is greater than the total number of operations due to some operations producing multiple species in different categories. <sup>3</sup> Total value of sales includes the value of non-disclosed categories.

**Foodfish** - Farm raised for food, or for either food or sport such as carp, catfish, hybrid striped bass, perch, salmon, sturgeon, tilapia, and walleye.

**Baitfish** - Fish used for bait such as fathead minnows, golden shiners, feeder goldfish, suckers, killifish, chubs, and other types of minnows.

**Ornamental/aquarium fish** - Various fish raised for water gardens such as koi, ornamental goldfish, and ornamental catfish. Examples of fish in the Aquarium fish category include angelfish, guppies, and tropical fish. Ornamental fish are divided into two categories: Aquarium species may not be propagated in open air facilities; Ornamental species can be propagated outdoors.

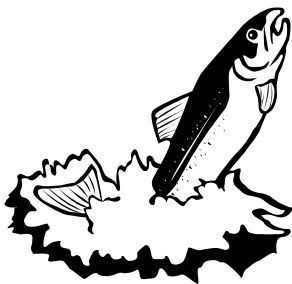
**Sport/game fish** - Farm-raised fish for sport or game fishing, such as largemouth bass, bluegill, crappie, sunfish, muskie, northern pike, and small mouth bass.

**Mollusks** - Invertebrate animals with soft body coverings and shells of 1-18 parts or sections. This category includes the production of clams, mussels, oysters, and snails.

**Crustaceans** - Invertebrate animals with many jointed legs and a hard external shell, such as crawfish, shrimp, and soft-shell crabs.

**Other aquaculture** - The production of frogs, tadpoles, turtles, and egg and seed stock not listed separately.

*NOTE: Due to differences in survey methodology, the State mandated reporting nature of this State-sponsored census and various rounding rules, the number of trout operations and their value of sales differs slightly from the Trout Production report published in February 2008 by the National Agricultural Statistics Service, USDA.*



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# Economics



# Price and Income, 2007

By Tenopra M. Shepphard

Market year average prices received by Pennsylvania farmers for products they sold in 2007 were generally higher. While prices improved for corn, oats, barley, winter wheat, soybeans, other hay, all hay, alfalfa hay, sorghum, tobacco, apples, broilers, lambs, slaughter cows, wholesale milk, eggs and wool; prices declined for potatoes, hogs, steers and heifers, calves, slaughter cows, milk cows, turkeys and sheep.

Preliminary cash receipts from marketings in 2007 was \$5.76 billion. Total cash income from crops was estimated at \$1.93 billion, up 9 percent from 2006.

Cash income received from livestock and livestock products, at \$3.83 billion, was up 29 percent from last year. Net farm income in 2007 was \$2,142.7 million, up 45 percent from the previous year.

The USDA's Economic Research Service no longer computes gross farm income. The value-added format presented on Page 102 is now used to present the agricultural sector income account. Underlying accounting and concepts remain the same under the new format.

Pennsylvania: Prices Received By Farmers, Monthly, 2007

Commodity	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		<i>Dollars</i>											
Corn	Bu.	4.04	4.03	3.98	3.97	4.20	4.32	4.18	3.98	4.02	3.80	4.01	4.28
Oats	Bu.	2.60	2.35	2.45	2.56	2.28	2.17	2.39	2.13	2.51	2.64	3.25	3.26
Barley <sup>1</sup>	Bu.	-	-	-	-	-	-	-	-	-	-	-	-
Winter wheat <sup>1</sup>	Bu.	-	-	-	-	-	-	-	-	-	-	-	-
Soybeans <sup>1</sup>	Bu.	-	-	-	-	-	-	-	-	-	-	-	-
Potatoes, all <sup>3</sup>	Cwt.	-	-	-	-	-	-	-	-	-	-	-	-
Alfalfa hay, baled	Ton	156.00	159.00	159.00	159.00	161.00	156.00	161.00	171.00	191.00	195.00	206.00	219.00
Other hay, baled	Ton	130.00	136.00	137.00	136.00	139.00	132.00	137.00	147.00	167.00	169.00	182.00	190.00
All hay, baled	Ton	134.00	140.00	140.00	139.00	147.00	140.00	147.00	151.00	170.00	172.00	185.00	195.00
Apples, fresh market	Lb.	.237	.238	.264	.277	-	-	-	.360	.360	.330	.260	.220
Barrows and gilts	Cwt.	40.10	44.70	41.00	43.30	48.30	49.80	47.60	46.10	41.10	36.60	33.10	35.10
Steers and heifers	Cwt.	84.00	86.40	90.40	92.80	94.50	89.00	86.70	87.90	88.50	86.50	82.60	84.50
Cows, slaughter	Cwt.	45.20	48.60	47.90	48.20	52.70	50.70	50.70	51.70	49.40	47.00	44.20	46.40
Calves	Cwt.	110.00	111.00	112.00	115.00	116.00	117.00	118.00	119.00	120.00	120.00	119.00	118.00
Milk cows <sup>2</sup>	Cwt.	1700	-	-	1,700	-	-	2,000	-	-	2,100	-	-
Milk, wholesale	Cwt.	16.20	16.50	17.20	18.00	19.30	21.30	23.40	23.70	23.80	23.50	23.90	23.10
Eggs, market	Doz.	.690	.600	.630	.510	.560	.460	.760	.680	.930	.770	1.150	1.160

<sup>1</sup> Price not published to avoid disclosure of individual firms. <sup>2</sup> Estimated quarterly. <sup>3</sup> Monthly estimates discontinued in 2005.

Pennsylvania: Market Year Average Prices Received By Farmers, 2000-2007

Commodity	Unit	Marketing Year	2000	2001	2002	2003	2004	2005	2006	2007
			<i>Dollars</i>							
Corn <sup>2</sup>	Bu.	Sep 1 - Aug 31	2.09	2.33	2.97	2.96	2.25	2.30	3.54	4.35
Oats	Bu.	Jul 1 - Jun 30	1.45	1.72	2.08	1.81	1.89	2.28	2.07	2.50
Barley	Bu.	Jun 1 - May 31	1.51	1.51	1.70	2.13	2.20	1.87	1.77	2.90
Winter wheat	Bu.	Jul 1 - Jun 30	2.19	2.68	3.40	3.31	3.40	3.50	3.52	6.60
Soybeans <sup>3</sup>	Bu.	Sep 1 - Aug 31	4.37	4.26	5.90	7.33	5.43	5.60	6.25	9.75
Potatoes	Cwt.	Aug 1 - May 31	7.75	8.05	9.15	7.05	7.45	11.40	10.40	9.30
Alfalfa hay, dry baled	Ton	May 1 - Apr 30	124.00	132.00	151.00	156.00	143.00	153.00	161.00	180.00
Other hay, dry baled	Ton	May 1 - Apr 30	100.00	105.00	122.00	123.00	112.00	125.00	131.00	166.00
All hay, dry baled	Ton	May 1 - Apr 30	109.00	117.00	134.00	137.00	122.00	134.00	136.00	169.00
Sorghum <sup>2</sup>	Cwt.	Sep 1 - Aug 31	3.20	3.75	4.79	4.64	4.16	4.75	5.86	6.60
Tobacco, all	Lb.	Oct 1 - Sep 30	0.900 <sup>1</sup>	1.550	1.379	1.367	1.352	1.399	1.650	1.650
Apples, all	Lb.	Jul 1 - Jun 30	.114	.096	.101	.103	.101	.100	.128	
Apples, fresh market	Lb.	Jul 1 - Jun 30	.247	.201	.215	.213	.172	.185	.257	0.294
Hogs, all	Cwt.	Dec 1 - Nov 30	38.80	40.40	30.30	35.50	46.70	47.30	41.90	40.90
Steers and heifers	Cwt.	Jan 1 - Dec 31	67.40	71.10	65.20	79.70	81.90	84.20	83.20	87.90
Cows, slaughter	Cwt.	Jan 1 - Dec 31	38.60	42.20	38.80	42.10	49.20	51.00	47.10	48.40
Calves	Cwt.	Jan 1 - Dec 31	109.00	115.00	112.00	116.00	111.00	132.00	133.00	116.00
Sheep	Cwt.	Jan 1 - Dec 31	35.50	34.20	30.00	39.10	43.50	51.40	45.20	43.00
Lambs	Cwt.	Jan 1 - Dec 31	88.80	78.70	90.00	107.00	115.00	116.00	109.00	116.00
Milk cows	Hd.	Jan 1 - Dec 31	1,330.00	1,530.00	1,590.00	1,350.00	1,550.00	1,730.00	1750.00	1900.00
Farm chickens	Lb.	Dec 1 - Nov 30	.075	.010	.010	.010	.009	.010	.011	.011
Broilers and roasters	Lb.	Dec 1 - Nov 30	.350	.410	.320	.36	.46	.45	.37	.45
Turkeys	Lb.	Jan 1 - Dec 31	.451	.460	.390	.47	.48	.49	.54	.50
Milk, wholesale	Cwt.	Jan 1 - Dec 31	13.70	16.60	13.80	14.00	17.60	16.90	14.60	20.90
Eggs, market	Doz.	Dec 1 - Nov 30	.500	.505	.514	.628	.585	.345	.378	.694
Wool	Lb.	Jan 1 - Dec 31	.28	.25	.25	.27	.27	.27	.30	.31

<sup>1</sup> PA type 41 tobacco price for 2000 is not published to avoid disclosure. Price includes type 32 only. <sup>2</sup> Preliminary market year average price. Final State market year average price will be published November 28, 2008. <sup>3</sup> Preliminary market year average price. Final State market year average price will be published September 29, 2008.

Prices Paid By Farmers for Feed, April 2006-2008

Item	Unit	Northeast Region			United States		
		2006	2007	2008	2006	2007	2008
<i>Dollars</i>							
Alfalfa Meal	Cwt	19.00	20.50	24.30	16.40	18.20	21.10
Alfalfa Pellets	Cwt	19.50	20.90	25.30	16.40	18.70	21.30
Bran	Cwt	15.50	16.90	19.30	16.10	17.40	19.10
Beef Cattle Conc. 32-36% Protein	Ton	349	335	451	336	370	433
Corn Meal	Cwt	11.20	14.00	15.70	10.10	12.30	13.70
Cottonseed Meal, 41%	Cwt	18.40	26.60	20.00	18.20	20.00	23.00
<b>Dairy Feed</b>							
16% Protein <sup>1</sup>	Ton	207	239	300	210	249	313
18% Protein <sup>1</sup>	Ton	217	259	312	221	267	324
20% Protein <sup>1</sup>	Ton	231	260	326	226	258	320
32-38% Protein Conc.	Ton	331	355	405	341	378	469
<b>Hog Feed</b>							
14-18% Protein <sup>1 2</sup>	Ton	290	330	376	228	305	345
38-42% Protein Conc.	Ton	423	438	566	361	398	490
Molasses, Liquid	Cwt	20.00	18.80	18.70	17.90	19.20	17.50
<b>Poultry Feed <sup>1</sup></b>							
Broiler Grower	Ton	250	336	505	255	306	387
Chick Starter	Ton	274	357	512	273	327	416
Laying Feed	Ton	237	288	332	240	278	371
Turkey Grower	Ton	259	300	490	302	337	434
Soybean Meal, 44%	Cwt.	18.30	20.00	26.90	16.90	18.20	23.40
Stock Salt	50 Lb	6.06	6.20	6.86	4.67	5.02	5.45
Trace Mineral Blocks	50 Lb	6.90	7.25	7.90	5.68	6.15	6.60

<sup>1</sup> Complete ration feed, fed without mixing or supplementation. <sup>2</sup> Excluding pig starter.

Prices Paid By Farmers for Fuels, April 2006-2008

Item	Northeast Region			United States		
	2006	2007	2008	2006	2007	2008
<i>Dollars per Gallon</i>						
Fuels, bulk delivery						
Unleaded Gasoline <sup>1</sup>	2.60	2.728	3.282	2.597	2.638	3.331
Diesel Fuel <sup>2 3</sup>	2.35	2.355	3.773	2.275	2.430	3.619
L.P. Gas <sup>2</sup>	2.20	2.186	2.621	1.690	1.727	2.281

<sup>1</sup> Includes Federal, State and local per gallon taxes. <sup>2</sup> Excludes State road taxes, but includes State and local per gallon taxes where applicable. <sup>3</sup> Excludes Federal excise tax.

Prices Paid By Farmers for Fertilizer and Agricultural Limestone, April 2006-2008

Item	Northeast Region <sup>1</sup>			United States		
	2006	2007	2008	2006	2007	2008
<i>Dollars per Ton</i>						
0-20-20	281	296	506	281	331	573
5-10-10	221	257	410	216	246	386
6-24-24	311	365	673	321	371	691
10-6-4	266	267	404	266	267	404
10-10-10	249	294	468	259	298	449
10-20-10	283	331	623	280	329	616
10-20-20	312	364	644	315	365	632
10-34-0	304	349	615	318	358	650
11-52-0	345	469	988	348	445	902
15-15-15	313	366	581	326	380	588
18-46-0 (DAP)	342	444	987	337	442	850
19-19-19	354	422	707	340	413	693
Ammonium Nitrate	403	394	570	366	382	509
Limestone, Spread	31.90	32.30	38.40	22.30	23.00	25.60
Nitrogen Solution 30%	256	297	439	232	277	401
Superphosphate 44-46%	385	435	931	324	418	800
Urea 44-46%	403	480	598	362	453	552

<sup>1</sup> Northeast Region: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT, WV.

# Farm Production Expenditures, 2007

By Julie A. Donahoe

U.S. Farm Production Expenditures totaled \$260 billion in 2007, up 9.3 percent from the revised 2006 total of \$238 billion. The largest percentage contributors to the increase were Fertilizer, Lime, and Soil Conditioners, up 26 percent; Feed, up 21 percent; Fuels, up 14 percent; Agricultural Chemicals, up 11 percent; and Tractors and Self Propelled Equipment, up 11 percent. For the first year ever, the trend for all expense items was higher than the previous year, except for Miscellaneous Capital Expenses, which were unchanged.

Fuel prices and weather were two large factors affecting farm production expenditures, during the year. One component affecting production expenditures in 2007 was increasing petroleum cost. This translated into rising fuel cost directly, as well as fertilizer products, chemicals and transportation costs. Indirectly, fuel prices and ethanol production have contributed to higher crop prices and increased feed costs. Frost damaged citrus in California, apples in Washington, and other crops in the Southeast. Spring and summer drought hindered production in the South, and continued throughout the Mid-Atlantic into the fall. Hot summer temperatures across the U.S. produced the sixth hottest summer on record.

In 2007, the average per farm U.S. Total Farm Expenditure was \$125,648 compared with \$114,186 an increase of 10 percent over 2006. On average, U.S. farm operations spent: \$18,412 on Feed,

\$16,575 on Farm Services, \$12,903 on Livestock and Poultry Purchases, \$12,564 on Labor, \$8,988 on Rent, and \$8,070 on Fertilizer, Lime, and Soil Conditioners. Revised estimates for 2006 indicate U.S. farms spent an average of: \$15,365 on Farm Services, \$15,077 on Feed, \$12,532 on Livestock and Poultry Purchases, \$11,764 on Labor, and \$8,787 on Rent. Average Total Expenditures for large farms (\$1 million and over in sales) was \$3.06 million, 4.3 times larger than the next largest economic class. The average Total Expenditure for a Crop farm was \$151,978 compared with \$106,742 per Livestock farm.

Total Expenditures by Farm Production Expenditure Region were up for four of the five regions in 2007. The Plains had the highest increase at 16 percent, followed by the Midwest up 14 percent. The West remained almost steady with a slight decrease of 0.7 percent.

The Atlantic Region (CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, PA, RI, TN, VA, VT, WV) contributed \$32.3 billion or 12 percent of the 2007 U.S. total for farm production expenditures. The total expenditures for the five regions were: the Midwest (IL, IN, IA, MI, MN, MO, OH, WI) at \$74.4 billion; Plains (KS, NE, ND, OK, SD, TX) at \$64.3 billion; West (AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY) at \$58.7 billion; Atlantic at \$32.3 billion; and South (AL, AR, FL, GA, LA, MS, SC) at \$30.2 billion.

Farm Production Expenditures: Major Input Items, Average per Farm and Total, Atlantic Region<sup>13</sup> & U.S.<sup>1</sup>, 2006-2007

Expenditure - Farm Share	Farms Reporting <sup>11</sup>		Average per Farm <sup>12</sup>		Total Expenditures	
	2006	2007	2006	2007	2006	2007
	Percent		Dollars		Million Dollars	
<b>Atlantic<sup>13</sup></b>						
Total Farm Production Expenditures <sup>2</sup>	100.0	100.0	72,375	76,535	30,850	32,340
Livestock, Poultry & Related Expenses <sup>3</sup>	28.0	23.4	6,428	5,798	2,740	2,450
Feed	65.5	67.2	12,364	15,146	5,270	6,400
Farm Services <sup>4</sup>	94.9	95.3	9,079	9,585	3,870	4,050
Rent <sup>5</sup>	24.8	20.8	2,229	2,343	950	990
Agricultural Chemicals <sup>6</sup>	36.2	37.7	1,947	2,201	830	930
Fertilizer, Lime & Soil Conditioners <sup>6</sup>	54.7	53.5	3,284	3,550	1,400	1,500
Interest	31.4	32.8	2,956	3,384	1,260	1,430
Taxes (Real Estate & Property)	100.0	100.0	3,191	3,503	1,360	1,480
Labor	29.3	29.3	8,493	8,212	3,620	3,470
Fuels	87.5	86.8	3,425	3,739	1,460	1,580
Farm Supplies & Repairs <sup>7</sup>	83.9	86.3	4,716	5,064	2,010	2,140
Farm Improvements & Construction <sup>8</sup>	62.2	58.3	6,076	6,106	2,590	2,580
Tractors & Self-Propelled Farm	17.4	18.1	2,393	2,367	1,020	1,000
Other Farm Machinery	20.1	21.7	1,361	1,349	580	570
Seeds & Plants <sup>9</sup>	40.0	40.0	2,909	2,911	1,240	1,230
Trucks & Autos	16.8	14.7	1,478	1,160	630	490
Miscellaneous Capital Expenses <sup>10</sup>	2.8	7.5	47	118	20	50
<b>United States<sup>1</sup></b>						
Total Farm Production Expenditures <sup>2</sup>	100.0	100.0	114,186	125,648	237,810	260,010
Livestock, Poultry & Related Expenses <sup>3</sup>	28.4	25.0	12,532	12,903	26,100	26,700
Feed	62.2	60.7	15,077	18,412	31,400	38,100
Farm Services <sup>4</sup>	94.6	93.5	15,365	16,575	32,000	34,300
Rent <sup>5</sup>	30.7	29.4	8,787	8,988	18,300	18,600
Agricultural Chemicals <sup>6</sup>	47.4	46.7	4,321	4,832	9,000	10,000
Fertilizer, Lime & Soil Conditioners <sup>6</sup>	55.8	52.4	6,386	8,070	13,300	16,700
Interest	40.5	38.3	5,138	5,557	10,700	11,500
Taxes (Real Estate & Property)	99.8	99.7	4,321	4,736	9,000	9,800
Labor	31.5	32.1	11,764	12,564	24,500	26,000
Fuels	83.8	80.7	5,330	6,137	11,100	12,700
Farm Supplies & Repairs <sup>7</sup>	82.8	79.9	6,434	6,910	13,400	14,300
Farm Improvements & Construction <sup>8</sup>	57.1	53.8	6,098	6,330	12,700	13,100
Tractors & Self-Propelled Farm	19.9	22.4	3,505	3,914	7,300	8,100
Other Farm Machinery	23.9	23.8	1,873	1,933	3,900	4,000
Seeds & Plants <sup>9</sup>	43.4	40.1	5,282	5,751	11,000	11,900
Trucks & Autos	20.8	21.9	1,873	1,933	3,900	4,000
Miscellaneous Capital Expenses <sup>10</sup>	11.0	14.9	101	101	210	210

See footnotes on next page.



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Footnotes from previous table:

- <sup>1</sup> Excludes AK and HI.
  - <sup>2</sup> Includes landlord and contractor share of farm production expenses. Totals may not add due to rounding.
  - <sup>3</sup> Includes purchases and leasing of livestock and poultry. Edit procedures have been upgraded over the last three years to better identify cattle farm records where not all livestock are owned. These 'custom feeding' operations are now correctly recorded as production contracts, resulting in increased livestock purchases for contractors.
  - <sup>4</sup> Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, general and miscellaneous business expenses, and utilities.
  - <sup>5</sup> Includes public and private grazing fees.
  - <sup>6</sup> Includes material and application costs.
  - <sup>7</sup> Includes bedding and litter, marketing containers, power farm shop equipment, oils and lubricants, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry.
  - <sup>8</sup> Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.
  - <sup>9</sup> Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.
  - <sup>10</sup> A zero in this line-item denotes less than 5 million dollars. Average value derived from expenditure rounding to zero will also be zero. Miscellaneous Capital Expense was estimated for the first time in 2005.
  - <sup>11</sup> Number of farms reporting item divided by total number of farms.
  - <sup>12</sup> Total expenditures divided by total number of farms. Items may not sum to total due to rounding.
  - <sup>13</sup> Atlantic Region consists of CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, **PA**, RI, TN, VA, VT, WV.
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**Pennsylvania: Farm Income Indicators, 2002-2007 <sup>1</sup>**

Item	2002	2003	2004	2005	2006	2007
	<i>1,000 Dollars</i>					
Value of crop production	1,393,296	1,613,238	1,669,465	1,519,785	1,859,293	1,897,478
Food grains	30,818	24,160	22,253	22,010	32,824	48,505
Feed crops	249,583	290,207	443,639	321,425	454,515	616,358
Cotton	-	-	-	-	-	-
Oil crops	52,787	74,232	107,932	90,214	90,975	132,742
Tobacco	22,154	9,401	9,466	10,936	14,969	26,309
Fruits and tree nuts	99,447	105,251	99,654	103,274	118,570	126,229
Vegetables	108,866	105,197	127,652	127,038	164,175	141,344
All other crops	879,678	856,022	841,202	836,587	900,213	837,626
Home consumption	7,968	5,194	4,668	4,121	4,003	3,113
Value of inventory adjustment <sup>2</sup>	(58,005)	143,574	12,999	(22,820)	79,049	(34,748)
Value of livestock production	2,677,447	2,874,782	3,305,384	3,195,481	2,981,356	3,849,577
Meat animals	538,373	635,593	714,347	718,507	692,734	689,646
Dairy products	1,482,396	1,445,780	1,769,504	1,763,853	1,560,594	2,219,162
Poultry and eggs	596,902	720,313	778,096	676,049	651,174	864,067
Miscellaneous livestock	58,422	57,214	59,481	57,759	58,878	58,427
Home consumption	7,234	8,228	8,125	8,816	9,429	8,621
Value of inventory adjustment <sup>2</sup>	(5,880)	7,654	(24,169)	(29,503)	8,547	9,654
Revenues from services and forestry	645,000	682,903	768,752	791,603	848,657	978,501
Machine hire and customwork	42,267	72,057	67,322	59,788	44,547	46,455
Forest products sold	4,000	4,000	4,000	4,000	4,000	4,000
Other farm income	187,181	180,281	214,536	185,975	168,259	223,598
Gross imputed rental value of farm dwelling	411,552	426,565	482,894	541,840	631,851	704,458
Value of agricultural sector production	4,715,743	5,170,924	5,743,602	5,506,869	5,689,306	6,725,556
<b>Less:</b> Purchased inputs	2,860,276	2,571,699	2,726,022	2,481,678	2,758,780	3,071,842
Farm origin	1,205,559	1,110,992	1,162,701	975,957	1,088,406	1,268,083
Feed purchased	882,572	782,062	851,895	666,657	722,177	903,446
Livestock and poultry purchased	145,655	143,766	140,521	153,894	204,210	209,231
Seed purchased	177,332	185,164	170,285	155,406	162,019	155,406
Manufactured inputs	499,723	444,335	491,168	524,710	575,969	612,595
Fertilizers and lime	131,335	131,057	141,829	158,495	175,326	181,308
Pesticides	94,583	87,606	92,060	87,606	90,576	102,454
Petroleum fuel and oils	123,340	132,835	163,334	184,391	210,395	227,951
Electricity	150,465	92,837	93,945	94,218	99,672	100,882
Other purchased inputs	1,154,994	1,016,372	1,072,153	981,011	1,094,405	1,191,164
Repair and maintenance of capital items	312,211	266,325	275,666	255,302	317,010	322,395
Machine hire and customwork	101,992	44,403	55,904	45,058	52,837	45,419
Marketing, storage, and transportation ex.	208,452	154,757	177,325	138,915	140,041	172,662
Contract labor	21,063	36,542	37,474	36,998	33,845	39,955
Miscellaneous expenses	511,276	514,345	525,784	504,738	550,672	610,733
<b>Plus:</b> Net government transactions	(66,967)	(22,056)	(123,759)	(117,749)	(149,737)	(226,777)
+ Direct Government payments	129,405	183,722	91,433	140,242	134,491	77,192
- Motor vehicle registration and licensing fee	9,214	8,612	8,637	11,533	9,603	12,914
- Property taxes	187,158	197,166	206,555	246,458	274,625	291,055
Gross value added	1,788,501	2,577,169	2,893,821	2,907,442	2,780,790	3,426,937
<b>Less:</b> Capital consumption	601,238	614,846	667,071	726,368	762,506	787,748
Net value added	1,187,263	1,962,323	2,226,750	2,181,074	2,018,284	2,639,189
<b>Less:</b> Payments to stakeholders	627,636	558,316	499,044	459,704	543,774	496,463
Employee compensation (total hired labor)	557,218	503,611	497,583	422,270	488,868	421,605
Net rent received by nonoperator landlords	(142,002)	(136,337)	(187,556)	(177,038)	(188,554)	(183,374)
Real estate and nonreal estate interest	212,420	191,042	189,017	214,472	243,460	258,232
<b>Net farm income</b>	<b>559,627</b>	<b>1,404,007</b>	<b>1,727,706</b>	<b>1,721,370</b>	<b>1,474,510</b>	<b>2,142,726</b>

<sup>1</sup> Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. <sup>2</sup> A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

Source: Economic Research Service (ERS), USDA.

**Pennsylvania: Cash Receipts from Farm Marketing and Government Payments, 1940-2007**

Year	Cash Income from Farm Marketings			USDA Government Payments	Total Marketings and Government Payments <sup>1</sup>
	Crops	Livestock and Livestock Products	Total Crops and Livestock <sup>1</sup>		
			--- Million Dollars ---		
1940	75.8	192.9	268.7	6.7	275.4
1950	170.3	531.7	702.0	6.3	708.3
1960	206.0	601.0	807.0	11.8	818.8
1970	260.9	775.9	1,036.8	25.2	1,062.0
1980	689.3	1,943.4	2,632.7	8.3	2,641.0
1990	1,033.8	2,697.8	3,731.6	41.4	3,773.0
1997	1,388.2	2,807.6	4,195.8	35.5	4,231.3
1998	1,328.8	2,909.2	4,238.0	45.6	4,283.6
1999	1,279.6	2,892.7	4,172.3	95.7	4,268.0
2000	1,369.2	2,764.6	4,133.8	147.9	4,281.7
2001	1,371.4	3,149.0	4,520.4	103.5	4,623.9
2002	1,443.3	2,676.1	4,119.4	129.4	4,248.8
2003	1,464.5	2,858.9	4,323.4	183.7	4,507.1
2004	1,651.8	3,321.4	4,973.2	91.4	5,064.6
2005	1,538.5	3,216.2	4,754.7	140.2	4,894.9
2006	1,776.2	2,963.4	4,739.6	134.5	4,874.1
<b>2007<sup>2</sup></b>	<b>1,929.1</b>	<b>3,831.3</b>	<b>5,760.4</b>	<b>77.2</b>	<b>5,837.6</b>

<sup>1</sup> May not add due to rounding. <sup>2</sup> Preliminary.

**Pennsylvania: Farm Business Balance Sheet (Excluding Farm Households), December 31, 1998-2003, Revised**

Item	1998	1999	2000	2001	2002	2003
<b>Farms</b>	<b>60,000</b>	<b>59,300</b>	<b>59,000</b>	<b>58,500</b>	<b>58,200</b>	<b>58,200</b>
	<i>Number</i>					
	<i>Thousand Dollars</i>					
Farm assets	21,266,930	22,604,920	23,442,172	24,381,367	25,125,183	26,635,511
Real estate	15,873,965	17,270,874	18,032,824	18,731,279	19,683,717	20,825,372
Livestock and poultry <sup>1</sup>	1,492,002	1,583,313	1,640,015	1,886,561	1,652,211	1,888,193
Machinery and motor vehicles <sup>2</sup>	2,288,751	2,251,697	2,279,907	2,365,776	2,389,744	2,450,064
Crops <sup>3</sup>	590,280	472,266	527,424	411,716	356,233	392,973
Purchased inputs	127,694	102,067	124,127	106,802	142,795	142,661
Financial	894,237	924,702	837,874	879,234	900,484	936,247
Farm debt <sup>4</sup>	2,576,326	2,616,508	2,827,559	2,988,608	3,128,511	3,230,000
Real estate	1,361,888	1,413,121	1,512,439	1,595,048	1,718,144	1,805,652
Farm Credit System	362,500	355,928	400,457	443,112	510,016	540,760
Farm Service Agency	68,226	61,275	59,021	58,148	55,252	49,473
Commercial banks	688,588	753,794	813,328	849,547	903,601	960,064
Life insurance companies	296	316	287	291	297	301
Individuals and others	242,278	241,808	239,346	243,950	248,978	255,054
Non-real estate	1,214,438	1,203,387	1,315,120	1,393,560	1,410,367	1,424,348
Farm Credit System	380,787	374,252	420,432	484,478	497,220	506,339
Farm Service Agency	123,591	109,938	119,702	121,385	116,182	111,333
Commercial banks	286,665	280,982	304,779	305,941	301,310	295,841
Individuals and others	423,395	438,214	470,208	481,755	495,656	510,835
Equity	18,690,603	19,988,412	20,614,613	21,392,759	21,996,672	23,405,511
Ratio:						
Debt/equity	13.8	13.1	13.7	14.0	14.2	13.8
Debt/assets	12.1	11.6	12.1	12.3	12.5	12.1

<sup>1</sup> The U.S. total exceeds the sum of the states because NASS does not release state data for some minor producing states due to disclosure issues. Horses, mules, and broilers are not included. <sup>2</sup> Includes only farm share value for trucks and autos. <sup>3</sup> All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. <sup>4</sup> Excludes debt for nonfarm purposes. Source: **Farm Business Balance Sheet**, November 18, 2004, Economic Research Service (ERS), USDA.

**NOTE:** ERS will continue to publish aggregate sector wide balance sheet estimates at the National level. However, data needed to construct State level balance sheets are no longer available. Based on a thorough review of data used to construct aggregate sector wide farm balance sheets at the State level, ERS has concluded that insufficient data are available to continue to make reliable estimates.

**Pennsylvania: Leading Commodities for Cash Receipts to Farmers, 2007**

Items	Value of receipts 1,000 dollars	Percent of total receipts Percent	Cumulative percent Percent	Percent of U.S. value Percent	U.S. Rank	Value of U.S. receipts 1,000 dollars
ALL COMMODITIES	5,760,415	100.0	–	2.0	18	284,843,650
LIVESTOCK AND PRODUCTS	3,831,302	66.5	–	2.8	13	137,889,448
CROPS	1,929,113	33.5	–	1.3	23	146,954,202
DAIRY PRODUCTS	2,219,162	38.5	38.5	6.3	4	35,425,015
CATTLE AND CALVES	471,595	8.2	46.7	0.9	23	49,721,888
MUSHROOMS, AGARICUS	406,828	7.1	53.8	61.4	1	662,796
CORN	402,520	7.0	60.8	1.2	15	33,922,784
GREENHOUSE/NURSERY	402,111	7.0	67.8	2.3	8	17,178,517
CHICKEN EGGS	389,119	6.8	74.6	5.8	5	6,678,147
BROILERS	374,220	6.5	81.1	1.7	17	21,460,211
HOGS	210,439	3.7	84.8	1.4	13	14,785,505
HAY	198,231	3.4	88.2	3.2	7	6,280,990
SOYBEANS	132,742	2.3	90.5	0.6	20	21,113,437
TURKEYS	100,100	1.7	92.2	2.7	11	3,710,846
APPLES	65,404	1.1	93.3	3.0	5	2,174,500
WHEAT	47,771	0.8	94.1	0.4	28	10,686,156
TOMATOES	40,622	0.7	94.8	1.9	7	2,188,405
TOBACCO	26,309	0.5	95.3	2.1	7	1,276,630
GRAPES	20,913	0.4	95.7	0.6	6	3,451,844
PEACHES	17,524	0.3	96.0	3.5	na	504,566
POTATOES	15,041	0.3	96.3	0.5	18	2,960,336
STRAWBERRIES	11,407	0.2	96.5	0.7	5	1,749,079
AQUACULTURE	9,189	0.2	96.7	0.8	na	1,126,387
BEANS, SNAP	7,941	0.1	96.8	1.5	na	521,543
OATS	7,913	0.1	96.9	6.7	na	117,536
SHEEP AND LAMBS	7,612	0.1	97.0	1.6	na	484,598
BARLEY	6,867	0.1	97.1	1.1	na	653,987
CORN, SWEET	1/	--	--	--	--	--
Government payments	77,192	--	--	0.6	33	11,903,128
Net farm income	2,142,726	--	--	2.5	13	86,035,331

na = not available

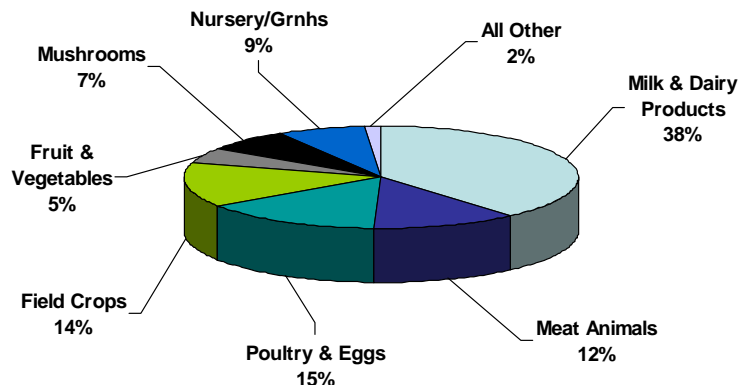
Numbers may not add due to rounding.

1/ Data excluded to avoid disclosure of individual operations.

**PA Agricultural Cash Receipts, 2007**



**\$5.8 billion in 2007**



Aug 2008

National Ag Statistics Service-PA, USDA

Pennsylvania: Cash Receipts from Sale of Agricultural Products from Farms by Commodities, 2002-2007 <sup>1</sup>

Commodity	2002	2003	2004	2005	2006	2007
	<i>1,000 Dollars</i>					
<b>All commodities</b>	<b>4,119,426</b>	<b>4,323,370</b>	<b>4,973,226</b>	<b>4,754,652</b>	<b>4,739,621</b>	<b>5,760,415</b>
Livestock and products	2,676,093	2,858,900	3,321,428	3,216,168	2,963,380	3,831,302
Meat animals	538,373	635,593	714,347	718,507	692,734	689,646
Cattle and calves	392,381	442,939	465,743	472,382	466,354	471,595
Hogs	140,344	185,301	242,205	239,132	218,513	210,439
Sheep and lambs	5,648	7,353	6,399	6,993	7,867	7,612
Dairy products	1,482,396	1,445,780	1,769,504	1,763,853	1,560,594	2,219,162
Poultry/eggs	596,902	720,313	778,096	676,049	651,174	864,067
Broilers	225,920	247,284	325,496	359,865	306,693	374,220
Farm chickens	529	443	476	579	608	568
Chicken eggs	279,273	371,170	339,744	214,188	238,351	389,119
Turkeys	91,120	101,356	112,320	101,357	105,462	100,100
Other poultry	60	60	60	60	60	60
Miscellaneous livestock	58,422	57,214	59,481	57,759	58,878	58,427
Honey	2,215	1,944	2,300	1,772	1,826	1,712
Wool	108	111	119	124	120	133
Aquaculture	9,393	9,187	10,923	8,939	8,922	9,189
Trout	4,865	4,678	4,223	4,807	4,790	5,057
Other aquaculture	4,528	4,509	6,700	4,132	4,132	4,132
Other livestock	46,706	45,972	46,139	46,924	48,010	47,393
Mink pelts	2,509	1,640	1,788	2,633	3,715	3,088
All other livestock	44,197	44,332	44,351	44,291	44,295	44,305
Crops	1,443,333	1,464,470	1,651,798	1,538,484	1,776,241	1,929,113
Food grains	30,818	24,160	22,253	22,010	32,824	48,505
Wheat	30,241	23,672	21,862	21,503	32,180	47,771
Feed crops	249,583	290,207	443,639	321,425	454,515	616,358
Barley	4,197	6,074	6,345	3,908	5,393	6,867
Corn	119,459	131,855	265,479	169,126	255,390	402,520
Hay	120,535	144,034	167,011	141,675	182,253	198,231
Oats	4,864	7,486	3,841	6,057	10,698	7,913
Sorghum grain	529	759	963	658	781	827
Tobacco	22,154	9,401	9,466	10,936	14,969	26,309
Oil crops	52,787	74,232	107,932	90,214	90,975	132,742
Soybeans	52,452	73,900	107,700	90,141	90,975	132,742
Vegetables	108,866	105,197	127,652	127,038	164,175	141,344
Potatoes, fall	19,625	18,980	19,843	16,712	31,834	15,041
Beans, snap, processing	4,365	4,589	10,158	6,067	6,730	7,941
Cabbage, fresh	3,538	3,135	3,998	4,022	5,980	4,601
Corn, sweet	22,648	29,374	31,516	32,380	NA	NA
Fresh	22,133	29,033	30,763	31,752	39,494	28,688
Processing	515	341	753	628	NA	NA
Tomatoes, fresh	17,398	14,553	25,364	26,163	35,403	40,622
Misc. vegetables	34,497	28,526	34,120	37,578	39,754	38,925
Cantaloups	2,420	2,321	2,653	4,116	4,365	4,824
Fruits/nuts	99,447	105,251	99,654	103,274	118,570	126,229
Apples	42,857	42,581	41,539	44,159	55,971	65,404
Fresh	21,722	20,148	19,204	21,184	29,702	38,800
Processing	21,135	22,434	22,335	22,975	26,270	26,604
Cherries	3,001	2,496	2,103	819	1,474	1,392
Sweet	880	802	1,043	NA	NA	NA
Tart	2,121	1,694	1,060	819	1,474	1,392
Grapes	15,615	15,741	18,460	19,221	20,607	20,913
Peaches	19,792	23,397	16,114	19,011	19,454	17,524
Pears, Bartlett	1,681	3,414	2,482	1,254	2,706	2,869
Strawberries, spring	10,001	11,122	12,956	12,810	12,358	11,407
Other berries	3,000	3,000	3,000	6,000	6,000	6,000
Misc. fruits & nuts	3,500	3,500	3,000	NA	NA	720
All other crops	879,678	856,022	841,202	863,587	900,213	837,626
Maple products	1,602	1,425	1,740	1,922	2,145	1,612
Other seeds	740	740	740	920	920	920
Other field crops	16,055	3,500	3,500	3,500	3,500	3,500
Greenhouse/nursery	438,382	424,885	426,448	439,656	483,873	402,111
Floriculture	191,886	185,544	185,715	174,313	171,121	161,378
Nursery	NA	113,771	NA	NA	113,919	NA
Christmas trees	28,000	28,000	28,000	28,000	10,710	28,000
Other greenhouse	218,496	97,570	212,733	237,343	188,123	212,733
Mushrooms, agaricus	383,544	394,572	385,673	391,391	385,226	406,828

NA = not available. <sup>1</sup> USDA estimates and publishes individual cash receipt values only for major commodities and major producing States. The U.S. receipts for individual commodities, computed as the sum of the reported States, may understate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of underestimation in some of the minor commodities can be substantial. **Source: USDA, Economic Research Service.**

Pennsylvania: Cash Receipts from the Sale of Agricultural Crops, 2007

County & District	Crops				Total All Crops
	Field	Vegetables & Potatoes	Fruits	Horticulture & Mushrooms	
			<i>1,000 Dols.</i>		
Adams	16,802	1,312	53,849	9,256	81,219
Allegheny	1,265	2,346	282	18,868	22,761
Armstrong	9,118	413	82	32,923	42,536
Beaver	3,990	670	190	5,102	9,952
Bedford	13,169	504	2,608	306	16,587
Berks	33,544	2,685	4,877	120,592	161,698
Blair	12,837	1,814	76	2,199	16,926
Bradford	13,726	926	267	1,707	16,626
Bucks	9,788	4,000	1,154	27,930	42,872
Butler	14,425	3,528	177	12,133	30,263
Cambria	7,947	2,893	61	4,007	14,908
Cameron	163	16	73	-	252
Carbon	1,974	989	125	1,437	4,525
Centre	15,829	8,232	1,007	1,421	26,489
Chester	32,692	2,859	1,208	336,586	373,345
Clarion	7,189	978	105	1,198	9,470
Clearfield	4,132	172	69	2,489	6,862
Clinton	7,309	957	88	417	8,771
Columbia	13,682	8,372	1,631	11,728	35,413
Crawford	22,241	1,292	148	1,253	24,934
Cumberland	21,421	2,327	1,459	7,117	32,324
Dauphin	13,817	1,366	266	4,098	19,547
Delaware	598	80	88	20,779	21,545
Elk	845	209	63	-	1,117
Erie	15,914	5,876	20,518	16,650	58,958
Fayette	7,902	1,728	169	4,959	14,758
Forest	432	65	40	-	537
Franklin	27,203	2,023	11,558	3,141	43,925
Fulton	5,315	54	149	86	5,604
Greene	4,378	201	79	1,665	6,323
Huntingdon	11,961	1,098	150	48	13,257
Indiana	15,493	3,095	342	16,981	35,911
Jefferson	5,775	517	130	1,488	7,910
Juniata	9,069	174	280	848	10,371
Lackawanna	1,329	2,369	166	1,117	4,981
Lancaster	122,774	15,704	3,585	49,952	192,015
Lawrence	10,697	787	112	3,462	15,058
Lebanon	29,550	3,856	250	8,755	42,411
Lehigh	17,005	1,747	3,221	8,310	30,283
Luzerne	5,101	4,881	754	4,357	15,093
Lycoming	12,269	3,052	1,073	8,983	25,377
McKean	1,481	122	59	520	2,182
Mercer	23,645	1,997	182	13,280	39,104
Mifflin	10,084	546	124	783	11,537
Monroe	2,311	675	208	930	4,124
Montgomery	5,848	2,700	310	21,144	30,002
Montour	4,295	450	74	2,395	7,214
Northampton	19,571	1,548	653	3,801	25,573
Northumberland	18,461	5,377	272	3,267	27,377
Perry	13,228	943	147	465	14,783
Philadelphia	71	-	-	-	71
Pike	581	10	26	1,483	2,100
Potter	3,991	5,555	91	-	9,637
Schuylkill	11,037	6,139	1,724	1,707	20,607
Snyder	7,764	2,344	1,685	738	12,531
Somerset	14,881	694	145	2,891	18,611
Sullivan	1,931	44	91	-	2,066
Susquehanna	6,160	191	188	246	6,785
Tioga	8,256	342	67	323	8,988
Union	7,464	759	218	403	8,844
Venango	3,929	258	55	427	4,669
Warren	3,515	320	143	392	4,370
Washington	10,110	1,584	542	4,673	16,909
Wayne	3,130	248	149	867	4,394
Westmoreland	15,164	2,828	325	8,609	26,926
Wyoming	3,199	553	123	999	4,874
York	63,332	8,950	6,099	12,935	91,316
Northwestern	69,676	9,808	21,086	32,002	132,572
North Central	49,971	11,223	1,872	11,950	75,016
Northeastern	13,818	3,361	626	3,229	21,034
West Central	66,687	9,988	1,138	73,287	151,100
Central	150,570	34,540	6,060	34,889	226,059
East Central	57,580	15,989	6,711	22,025	102,305
Southwestern	53,700	9,381	1,542	41,665	106,288
South Central	147,242	15,170	75,722	32,841	270,975
Southeastern	234,865	31,884	11,472	585,738	863,959
<b>Pennsylvania</b>	<b>844,109</b>	<b>141,344</b>	<b>126,229</b>	<b>837,626</b>	<b>1,949,308</b>

Pennsylvania: Cash Receipts from the Sale of Livestock, Livestock Products, and Total Cash Receipts, 2007

County & District	Livestock & Products			USDA Government Payments	Total All Crops, Livestock Products and USDA Government Payments
	Poultry <sup>1</sup> , Meat Animals & Miscellaneous Livestock	Dairy	Total Livestock & Products		
			1,000 Dols.		
Adams	81,507	33,616	115,123	2,713	199,055
Allegheny	1,378	-	1,378	52	24,191
Armstrong	5,157	12,503	17,660	1,198	61,394
Beaver	16,067	7,520	23,587	628	34,167
Bedford	16,462	55,266	71,728	3,294	91,609
Berks	85,261	84,129	169,390	5,654	336,742
Blair	11,395	64,815	76,210	2,849	95,985
Bradford	26,053	95,669	121,722	6,139	144,487
Bucks	4,838	7,935	12,773	1,185	56,830
Butler	7,363	14,602	21,965	1,702	53,930
Cambria	4,327	8,280	12,607	1,270	28,785
Cameron	117	-	117	-	369
Carbon	450	-	450	396	5,371
Centre	12,347	45,230	57,577	2,999	87,065
Chester	27,360	83,203	110,563	3,136	487,044
Clarion	5,093	15,161	20,254	1,202	30,926
Clearfield	2,690	6,280	8,970	516	16,348
Clinton	5,852	22,427	28,279	1,163	38,213
Columbia	10,410	13,521	23,931	3,041	62,385
Crawford	25,454	49,188	74,642	3,244	102,820
Cumberland	30,968	71,356	102,324	3,949	138,597
Dauphin	34,294	25,078	59,372	1,881	80,800
Delaware	92	-	92	63	21,700
Elk	785	-	785	78	1,980
Erie	7,463	26,294	33,757	2,315	95,030
Fayette	6,653	13,374	20,027	1,175	35,960
Forest	204	-	204	-	741
Franklin	92,880	181,858	274,738	6,390	325,053
Fulton	12,626	21,208	33,834	1,644	41,082
Greene	5,710	-	5,710	218	12,251
Huntingdon	17,217	49,042	66,259	2,840	82,356
Indiana	7,053	26,710	33,763	2,453	72,127
Jefferson	3,616	8,330	11,946	672	20,528
Juniata	53,483	27,976	81,459	2,248	94,078
Lackawanna	1,757	3,750	5,507	340	10,828
Lancaster	405,827	444,864	850,691	9,661	1,052,367
Lawrence	6,051	20,452	26,503	1,362	42,923
Lebanon	102,985	100,602	203,587	3,147	249,145
Lehigh	5,181	4,721	9,902	1,538	41,723
Luzerne	2,725	4,830	7,555	1,136	23,784
Lycoming	14,750	25,005	39,755	3,346	68,478
McKean	1,394	5,524	6,918	500	9,600
Mercer	11,950	34,066	46,016	2,662	87,782
Mifflin	22,560	51,527	74,087	2,148	87,772
Monroe	775	-	775	267	5,166
Montgomery	3,900	7,272	11,172	587	41,761
Montour	5,703	8,503	14,206	1,537	22,957
Northampton	2,027	9,141	11,168	2,049	38,790
Northumberland	38,118	16,641	54,759	3,985	86,121
Perry	42,452	34,519	76,971	2,456	94,210
Philadelphia	-	-	-	-	71
Pike	213	-	213	-	2,313
Potter	5,371	19,634	25,005	1,785	36,427
Schuylkill	58,213	9,776	67,989	2,331	90,927
Snyder	76,386	28,968	105,354	1,787	119,672
Somerset	16,031	66,999	83,030	3,421	105,062
Sullivan	1,587	8,026	9,613	558	12,237
Susquehanna	9,307	38,363	47,670	2,364	56,819
Tioga	16,232	44,854	61,086	3,120	73,194
Union	36,479	33,250	69,729	1,457	80,030
Venango	2,559	-	2,559	548	7,776
Warren	4,330	15,924	20,254	645	25,269
Washington	14,183	12,639	26,822	1,189	44,920
Wayne	5,238	22,962	28,200	926	33,520
Westmoreland	8,554	22,053	30,607	2,116	59,649
Wyoming	2,638	14,916	17,554	848	23,276
York	63,471	38,810	102,281	6,374	199,971
Northwestern, Total	51,960	125,472	177,432	9,414	319,418
North Central, Total	72,141	221,139	293,280	16,689	384,985
Northeastern, Total	18,940	79,991	98,931	4,478	124,443
West Central, Total	50,400	105,278	155,678	9,217	315,995
Central, Total	367,861	413,630	781,491	31,014	1,038,564
East Central, Total	69,584	28,468	98,052	7,717	208,074
Southwestern, Total	52,509	115,065	167,574	8,171	282,033
South Central, Total	297,914	402,114	700,028	24,364	995,367
Southeastern, Total	630,263	728,005	1,358,268	23,433	2,245,660
<b>Pennsylvania</b>	<b>1,611,572</b>	<b>2,219,162</b>	<b>3,830,734</b>	<b>134,497</b>	<b>5,914,539</b>

<sup>1</sup> Poultry combined with "Meat Animals & Miscellaneous Livestock" due to disclosure issues.

# Farm Labor, 2007

By Brijette L. Robinson

Pennsylvania farmers voluntarily participate in quarterly agricultural labor surveys in April, July, and October. These surveys provide data concerning the number of hired farm workers, hours worked, and wage rates. The survey reference week is the seven-day period (Sunday through Saturday) which includes the 12<sup>th</sup> day of the month. Results for Pennsylvania are published as part of Northeast Region II, which includes Delaware, Maryland, and New Jersey.

The total number of workers hired by farm operators in the Northeast II Region during 2007 ranged between a low of

33,000 in April to a high of 38,000 in October. The average hours worked during the survey week by all hired workers varied from 37.1 hours in April 2007 to 42.0 hours in July 2007.

In 2007, all hired workers earned between \$10.55 per hour in April to \$10.78 per hour in July. During the same period, field workers' hourly wage rates ranged between \$9.62 in July to \$10.34 in April. In contrast, livestock workers' hourly wage rates ranged from \$8.56 in April to \$10.04 in July.

Northeast II: Hired Farm Labor, Quarterly, 2003-2007 <sup>1 2 3</sup>

Year & Survey Week	All Hired Workers				Wage Rates by Type of Worker			
	Total	Expected to be Employed		Hours Worked During the Week	Field	Livestock	Field & Livestock	All Hired Workers
		150 Days or More	149 Days or Less					
	<i>1,000 Workers</i>			<i>Hours</i>	<i>Dollars Per Hour</i>			
<b>2003</b>								
January 12-18	23	19	4	37.2	9.16	8.34	8.83	9.83
April 6-12	30	23	7	39.3	8.75	8.20	8.63	9.68
July 6-12	45	33	12	40.5	8.18	8.56	8.25	8.93
October 12-18	34	26	8	38.5	8.79	8.27	8.66	9.59
<b>2004</b>								
January 11-17	19	16	3	37.2	8.79	7.73	8.38	9.26
April 11-17	31	25	6	39.3	8.68	8.87	8.73	9.25
July 11-17	52	35	17	37.2	7.90	8.79	8.09	8.81
October 10-16	35	28	7	41.2	8.84	8.90	8.85	9.59
<b>2005</b>								
January 9-15	18	14	4	33.7	8.47	8.76	8.62	9.66
April 10-16	26	22	4	39.8	9.24	8.62	9.05	9.65
July 10-16	50	40	10	39.1	8.71	9.37	8.90	9.79
October 9-15	39	32	7	39.6	9.21	8.62	9.09	10.00
<b>2006</b>								
January 8-14	24	21	3	38.1	9.89	7.79	9.29	10.56
April 9-15	25	20	5	40.2	10.54	8.80	10.10	10.75
July 9-15	49	30	19	39.8	9.26	9.03	9.20	9.90
October 8-14	42	31	11	38.0	9.17	7.91	8.86	9.65
<b>2007</b>								
January 8-14 <sup>4</sup>	-	-	-	-	-	-	-	-
April 9-15	33	25	8	37.1	10.34	8.56	9.80	10.55
July 8-14	36	26	10	42.0	9.62	10.04	9.74	10.78
October 7-13	38	30	8	41.8	9.81	9.86	9.82	10.63

<sup>1</sup> Northeast II Region includes DE, MD, NJ, and PA. <sup>2</sup> Hired workers include field, livestock, supervisory, and other workers. <sup>3</sup> Farm labor excludes Agricultural Service Workers. <sup>4</sup> No Farm Labor Survey was conducted in January 2007.

Northeast II: Annual Average Wage Rates for Hired Workers, 2003-2007 <sup>1 2</sup>

Year	All Hired	Field	Field and Livestock
	<i>Dollars per Hour</i>		
2003	9.51	8.72	8.59
2004	9.23	8.55	8.59
2005	9.78	8.91	8.92
2006	10.22	9.72	9.36
2007	10.65	9.92	9.79

<sup>1</sup> Excludes Agricultural Service Workers. <sup>2</sup> Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States, Regions, and the U.S. is based on data collected for January, April, July, and October.



# Special Features

## Charts and Graphs of Pennsylvania Agriculture

The following pages display a few of the Microsoft PowerPoint slides, which can be found on our website at [www.ars.usda.gov](http://www.ars.usda.gov). These slides describe various facets of Pennsylvania's agriculture. Many, many more can be found there!



From the Pennsylvania homepage, click on the 'Pennsylvania charts or maps' link located on the right-hand side under More State Features. Please note that download times vary for each PowerPoint File. They can range from 10 seconds to 5 minutes depending on your computer processing speed and Internet connection. A leftor rightclick may work better depending on the setup of your Internet software.

The charts include demographics from the Census of Agriculture, which is done every 5 years, and annual statistics for major commodities grown in Pennsylvania. The slides are updated monthly on our site to capture the latest published statistics. A reference date is shown on the bottom of each slide.

You can find slides available on Dairy, Demographics & Economics, Field Crops, Livestock and Poultry, and Specialty Crops. A few slides from each category are shown on the next few pages.

# Agricultural Exports, 2007

By Julie A. Donahoe



**Pennsylvania:** U.S. agricultural exports from the Keystone State during the fiscal year (FY) October 2006-September 2007 were valued at \$1,473.5 million. This represents an increase of 13 percent from the \$1,299.0 million worth of commodities exported in FY 2006.

Pennsylvania exports ranked seventh in dairy products; eighth in unmanufactured tobacco; eleventh in prepared fruits, fats and oils, and hides and skins; and fourteenth in live animals and meat.

**United States:** The value of agricultural exports for the U.S. during FY 2006 totaled \$81.9 billion, up 19 percent from FY 2006.

California was the leading export state in FY 2007. The total value of their exports was \$11.3 billion. Other leading states and their value were: Iowa and Texas, \$5.2 billion; Illinois, \$4.7 billion; Nebraska, \$4.0 billion; Kansas, \$3.8 billion; and Minnesota with \$3.6 billion.

**Methodology:** The Economic Research Service estimates State export shares based primarily on production share of the commodity. The estimated export value for each State should not be interpreted as actual measurements of a State's exports. An agricultural commodity is likely to pass through several States before being exported, little data exists on shipments between States, and the State origin is lost as commodities move from farmgate to port.

U.S. and PA Agricultural Exports: Estimated Value By Commodity Group, Fiscal Years 2003-2007 <sup>1</sup>

Commodity	Shipped to Other Countries									
	Pennsylvania					United States				
	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
	<i>Million Dollars</i>									
Wheat and products	117.4	141.4	146.1	166.0	187.9	5,307.7	6,626.1	5,880.0	6,140.8	8,457.7
Soybeans and products	51.8	56.4	49.5	44.0	73.5	8,269.8	9,059.3	8,805.8	8,244.3	11,027.2
Tobacco unmd.	30.1	21.5	26.7	58.1	40.6	1,001.2	1,049.6	988.4	1,058.4	1,143.9
Fruits and preps. <sup>2</sup>	20.2	21.0	24.7	30.5	31.7	3,554.0	3,839.3	4,093.7	4,580.3	5,026.3
Vegetables and preps.	15.1	15.0	15.6	14.8	13.2	3,097.8	3,291.3	3,631.9	3,908.6	4,296.7
Live animals and meat, excl. poultry	180.5	113.5	125.8	151.4	179.8	6,279.7	4,417.5	4,922.7	5,832.2	6,787.0
Hides and skins	51.7	51.8	43.9	48.2	57.1	1,785.4	1,763.3	1,748.1	1,978.2	2,159.3
Poultry and products	49.9	56.9	73.2	72.5	87.8	2,103.7	2,519.2	3,028.7	2,966.9	3,776.9
Fats, oils and grease	16.3	14.6	12.1	11.8	20.1	539.4	574.1	479.4	477.8	749.1
Dairy products <sup>3</sup>	45.8	57.4	64.1	61.7	86.3	1,030.2	1,325.0	1,744.5	1,820.2	2,518.0
Feeds and fodders	42.6	40.4	42.3	65.4	55.1	1,998.6	2,032.2	2,210.6	2,493.2	2,886.1
Seeds	4.1	3.7	3.8	3.7	3.1	802.9	865.4	916.3	870.7	936.3
Other <sup>4</sup>	369.0	400.0	425.1	478.5	529.1	7,791.8	8,535.2	8,963.9	10,005.8	11,033.5
<b>Total</b>	<b>1,058.3</b>	<b>1,083.8</b>	<b>1,122.5</b>	<b>1,299.0</b>	<b>1,473.5</b>	<b>56,014.0</b>	<b>62,408.8</b>	<b>62,516.3</b>	<b>68,592.7</b>	<b>81,947.1</b>

<sup>1</sup> Source: USDA, Economic Research Service (ERS) Totals may not add due to rounding. <sup>2</sup> Apples, apple juice, and apple products, as well as other misc. fruits, assumed to equal the previous year; current year production data is not released until July or later. <sup>3</sup> Methodology revised starting in 2007 to estimate shares based on state production of cheese, butter, dry whey, ice cream, and sherbet. <sup>4</sup> Other = Sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and misc. vegetable products.

# Machinery Custom Rates, 2008

By Adam W. Pike

The custom rates shown are averages from voluntary reports by custom operators and farmers throughout Pennsylvania. Most of the rates are stated per acre, cwt., ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Acreage rates are shown separately for two regions of the state, labeled "**Mountain**" and "**Valley**". The differences in rates between regions reflect differences in terrain, soils and

alternative opportunities for the labor and equipment used. Figures labeled "**State**" represent the straight average of all reports used regardless of geographic location.

Of the 82 rates reported with year-to-year comparisons, 76 increased, 4 decreased, and 2 are virtually unchanged from last year. Overall, custom rates were up about 8 percent from the previous year. Because of the potential variation in size and overall productivity of equipment, a range of reported rates for each job has been added. The range represents the middle 80 percent of all reported rates for each job, thus the lowest 10 percent and the highest 10 percent of all reported values were excluded.

## Custom Rates: Selected Farming Operations, Pennsylvania, 2007-2008

Job	Basis of Charge	2008 (Dollars)				2007 State (Dollars)
		Mountain Section	Valley Section	Range <sup>1</sup>	State	
----- Harvesting -----						
Corn Picking.....	Acre	26.40	25.80	20.00 – 30.00	26.00	24.50
Corn Combining.....	Acre	30.20	28.40	25.00 – 32.00	28.70	27.60
Corn Drying (23 Percent).....	Bu.	0.39	0.40	0.17 – 0.60	0.40	0.36
Combining Small Grains.....	Acre	28.20	27.80	24.00 – 31.00	27.90	26.90
Combining Soybeans.....	Acre	30.20	28.50	25.00 – 32.00	28.80	27.60
Hay Making:						
Mowing.....	Acre	12.60	13.70	9.00 – 18.00	13.40	13.10
Mowing & Conditioning.....	Acre	14.40	14.40	10.00 – 18.00	14.40	13.40
Raking.....	Acre	8.95	8.40	5.00 – 12.00	8.55	7.80
Small Square Baling.....	Bale	0.86	0.71	0.46 – 1.20	0.75	0.67
Cut, Rake, Bale & Store.....	Bale	1.90	1.75	1.00 – 2.50	1.80	1.60
Large Round Baling.....	Bale	7.25	6.65	5.00 – 9.00	6.85	6.60
Size.....	Lbs.	900 lbs.	840 lbs.	600 – 1,200 lbs.	860 lbs.	860 lbs.
Large Square Baling.....	Bale	7.70	7.70	6.00 – 10.00	7.70	7.70
Size.....	Lbs.	840 lbs.	840 lbs.	650 – 1,100 lbs.	840 lbs.	850 lbs.
Wrapping Bales.....	Bale	6.20	6.25	4.00 – 8.00	6.20	6.30
Silage Making:						
Pull-Type Chopper & Tractor.....	Hour	68.10	90.50	40.00 – 120.00	82.30	78.70
Self-Propelled Chopper.....	Hour	229.00	204.00	100.00 – 300.00	208.00	195.00
Less than 365 HP.....	Hour	-	-	100.00 – 280.00	185.00	160.00
Greater than 365 HP.....	Hour	-	-	160.00 – 325.00	238.00	223.00
Blower.....	Hour	15.60	14.90	6.00 – 25.00	15.00	12.60
1 Man, 2 Wagons, 1 Tractor.....	Hour	46.00	59.40	40.00 – 80.00	55.60	50.10
2 Men, 2 Wagons, 2 Tractors.....	Hour	77.60	95.00	50.00 – 125.00	90.80	87.40
1 Man, 1 Truck.....	Hour	54.30	57.50	45.00 – 65.00	56.70	53.60
Field Chop, Haul & Fill Silo.....	Ton	10.20	9.65	4.50 – 12.00	9.80	9.10
Bagging Silage.....	Foot	5.95	4.50	3.00 – 7.50	4.75	4.70
Less than 9.0.....	Foot	-	-	3.00 – 5.00	4.10	4.40
Greater than 9.0.....	Foot	-	-	3.00 – 8.75	5.35	5.00
----- Plowing & Cultivating -----						
Plowing, Moldboard Plow:						
Stubble.....	Acre	17.50	18.40	12.00 – 25.00	18.00	16.40
Sod.....	Acre	19.60	20.20	13.00 – 26.00	20.00	17.70
Plowing, Deep (10 Inches or More).....	Acre	21.00	22.70	15.00 – 30.00	22.30	19.30
Plowing, Chisel.....	Acre	17.70	15.60	11.00 – 20.00	16.10	14.90
Plowing, Disk.....	Acre	17.90	16.50	12.00 – 20.00	16.90	16.00
Disking, Tandem.....	Acre	15.60	14.80	10.00 – 20.00	15.10	13.50
With Harrow or Cultipacker.....	Acre	17.20	15.70	11.50 – 22.00	16.10	14.70
Harrowing:	Acre	14.00	13.80	8.00 – 20.00	13.90	12.30
Cultivating.....	Acre	13.20	14.80	9.00 – 20.00	14.40	12.50

See footnote at end of table.

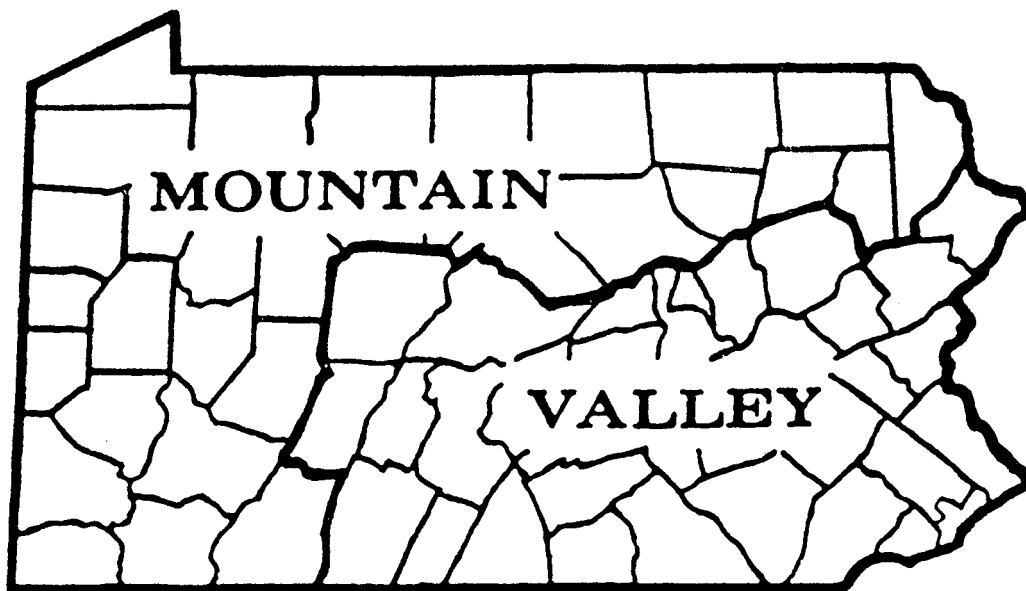
## Custom Rates: Selected Farming Operations, Pennsylvania, Continued, 2007-2008

Job	Basis of Charge	2008 (Dollars)				2007
		Mountain Section	Valley Section	Range <sup>1</sup>	State	State (Dollars)
<b>----- Planting &amp; Drilling -----</b>						
Planting Corn, With Fertilizer:						
Conventional-Till .....	Acre	17.20	17.20	12.00 – 20.00	17.20	16.70
Minimum-Till.....	Acre	19.20	17.80	14.00 – 22.00	18.10	17.20
No-Till.....	Acre	23.50	18.20	15.00 – 24.00	19.10	18.40
Planting Corn, Without Fertilizer:						
Conventional-Till .....	Acre	17.00	16.50	12.00 – 20.00	16.70	15.30
Minimum-Till.....	Acre	18.60	16.70	12.58 – 20.00	17.10	16.50
No-Till.....	Acre	22.00	17.50	14.00 – 22.00	18.20	17.30
Planting Soybeans, Without Fertilizer:						
Conventional-Till .....	Acre	14.90	16.50	12.00 – 20.00	16.20	15.00
Minimum-Till.....	Acre	15.90	17.50	14.00 – 20.00	17.30	16.20
No-Till.....	Acre	20.40	17.80	14.50 – 22.00	18.10	16.90
Drilling .....	Acre	17.10	17.70	14.00 – 22.00	17.60	16.10
Drilling Small Grain, Without Fertilizer						
Conventional-Till .....	Acre	14.70	15.50	10.00 – 20.00	15.30	14.30
Minimum-Till.....	Acre	18.00	16.80	12.00 – 20.00	17.10	16.00
No-Till.....	Acre	19.20	17.00	11.00 – 20.00	17.30	16.40
Seeding Alfalfa, Clover, Etc.....	Acre	17.20	16.40	10.00 – 20.00	16.60	15.80
Broadcast Seeding (On Grain Fields).....	Acre	10.50	11.10	8.00 – 15.00	10.80	9.80
Cleaning Grain Seed:						
With Treatment.....	Bu.	1.55	1.40	0.85 – 2.00	1.45	1.41
Without Treatment.....	Bu.	0.75	0.83	0.43 – 1.25	0.80	0.77
<b>----- Spraying -----</b>						
Ground Equipment:						
Spraying for Weed Control Excl. Material	Acre	10.60	9.20	7.00 – 12.00	9.50	8.80
Spraying for Corn Borer .....	Acre	10.90	9.70	7.00 – 15.00	9.90	9.80
Spraying for Spittle Bug or Alfalfa Weevil	Acre	9.70	9.05	6.95 – 12.00	9.10	8.40
<b>----- Miscellaneous -----</b>						
Grain Hauling:						
Local .....	Bu.	0.21	0.19	0.12 – 0.25	0.19	0.18
Long Distance .....	Bu.	0.46	0.35	0.25 – 0.55	0.37	0.32
Local .....	Mile	-	-	0.50 – 3.50	1.95	1.55
Long Distance .....	Mile	-	-	0.75 – 3.00	1.90	1.60
Grain Storage.....	Bu. Per Month	0.06	0.05	0.03 – 0.10	0.05	0.05
Stalk Shredding, P.T.O.....	Acre	16.50	12.80	7.00 – 20.00	13.40	13.90
Bushhogging .....	Acre	25.20	19.60	10.00 – 40.00	21.40	21.20
Spreading Bulk Fertilizer:						
Dry .....	Acre	9.75	8.90	5.00 – 12.50	9.15	7.70
Liquid .....	Acre	12.10	10.10	7.00 – 15.00	10.40	9.00
Side Dressing.....	Acre	9.70	9.75	8.00 – 12.50	9.75	8.90
Lime .....	Acre	15.00	11.30	5.00 – 25.00	12.40	10.10
Grinding Feed:						
Corn, Oats or Barley.....	Cwt.	0.98	0.92	0.30 – 1.50	0.94	0.85
Corn & Cobs.....	Cwt.	0.88	1.00	0.30 – 1.44	0.97	0.84
Cobs.....	Cwt.	0.86	0.80	0.70 – 1.00	0.82	0.81
Additional Charge for Mixing .....	Cwt.	0.44	0.60	0.22 – 1.00	0.53	0.51
Machine Tiling (No Tile) .....	Foot	-	-	0.30 – 1.50	0.86	0.97
Back Hoe .....	Hour	54.70	60.60	40.00 – 75.00	58.80	54.80
Sawing Wood, Chain Saw.....	Hour	21.00	26.50	13.00 – 40.00	24.20	21.20
Post Hole Digging .....	Hole	4.15	3.35	1.00 – 8.00	3.65	2.70
Manure Loading, Solid .....	Hour	37.70	46.40	25.00 – 65.00	44.10	39.40
Manure Spreading, Solid.....	Hour	36.90	51.10	20.00 – 80.00	47.30	44.20
Manure Pumping.....	Hour	29.80	35.20	10.00 – 78.00	34.40	28.30
Manure Spreading, Liquid.....	Hour	64.40	77.40	55.00 – 100.00	75.80	70.60
Bulldozing .....	Hour	71.70	79.20	50.00 – 100.00	76.80	73.00
Average Size.....	HP	100 HP	110 HP	50 – 165 HP	107 HP	106 HP
Tractor Rental Rates:						
Less than 80 HP.....	Hour	29.80	26.90	15.00 – 45.00	27.70	24.70
80 to 120 HP .....	Hour	41.10	29.40	15.00 – 50.00	32.30	29.50
120 to 160 HP .....	Hour	48.10	35.70	18.50 – 60.00	37.80	34.50
Greater than 160 HP.....	Hour	55.10	47.20	30.00 – 72.50	48.70	42.10

<sup>1</sup> The range represents the middle 80 percent of all reported rates for each job, thus the lowest 10 percent and the highest 10 percent of all reported values were excluded.

# Machinery Custom Rates, 2008

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Acreage rates on the previous pages are shown separately for two regions of the state, labeled "**Mountain**" and "**Valley**".

The differences in rates between regions reflect differences in terrain, soils and alternative opportunities for the labor and equipment used. Figures labeled "**State**" represent the straight average of all reports used regardless of geographic location.

# Food Consumption & Population

By Julie A. Donahoe

## Pennsylvania:

**44,817 sq. mi.**  
**28.68 million acres**

**1 sq. mi. = 640 acres**

## Pennsylvania: Total Population, July 1, 1900-2007<sup>1</sup>

Year	Total Population	Year	Total Population	Year	Total Population
	1,000		1,000		1,000
1900	6,313	1950	10,507	2000	12,287
1910	7,706	1960	11,329	-----	
1920	8,740	1970	11,801	2005	12,405
1930	9,649	1980	11,864	2006	12,403
1940	9,896	1990	11,882	2007	12,433

<sup>1</sup> U.S. Department of Commerce, Bureau of Census, Current Population Reports.

## United States: Per Capita Consumption of Major Food Commodities, 1999-2006<sup>1</sup>

Commodity	1999	2000	2001	2002	2003	2004	2005	2006
	<i>Lbs.</i>							
Red meat <sup>2,3,4</sup>	115.1	113.7	111.4	114.0	111.7	112.1	110.2	109.9
Beef	64.3	64.5	63.1	64.5	61.9	63.0	62.4	62.7
Veal	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
Lamb and mutton	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8
Pork	49.3	47.8	46.9	48.2	48.4	47.9	46.5	46.0
Poultry <sup>2,3,4</sup>	67.4	67.9	67.8	70.7	71.2	72.7	73.6	74.8
Chicken	53.6	54.2	54.0	56.8	57.5	59.3	60.5	61.4
Turkey	13.8	13.7	13.8	14.0	13.7	13.4	13.2	13.3
Fish and shellfish <sup>3</sup>	14.8	15.2	14.7	15.6	16.3	16.5	16.1	16.5
Eggs <sup>4</sup>	32.2	32.3	32.5	32.8	32.8	33.0	32.8	32.4
Dairy products								
Cheese (excluding cottage) <sup>2,5</sup>	29.0	29.8	30.0	30.5	30.4	31.2	31.5	32.4
American	12.6	12.7	12.8	12.8	12.5	12.9	12.6	13.0
Italian	11.6	12.1	12.4	12.5	12.6	12.9	13.3	13.7
Other cheeses <sup>6</sup>	4.8	5.0	4.8	5.2	5.4	5.4	5.6	5.7
Cottage cheese	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Beverage milks <sup>2</sup>	197.6	193.8	189.9	188.8	186.2	183.4	181.1	181.6
Fluid whole milk <sup>7</sup>	70.1	69.2	67.2	66.5	65.5	62.7	59.6	57.7
Fluid lower fat milk <sup>8</sup>	95.2	94.7	93.9	94.4	93.7	93.9	94.2	95.7
Fluid skim milk	32.2	29.9	28.8	27.9	26.8	26.5	26.9	27.8
Fluid cream products <sup>9</sup>	9.4	9.8	10.7	10.5	11.8	12.5	12.8	12.9
Yogurt (excluding frozen)	6.2	6.5	7.0	7.4	8.2	9.2	10.3	11.0
Ice cream	16.7	16.7	16.3	16.7	16.4	13.8	14.5	14.4
Lowfat ice cream <sup>10</sup>	7.5	7.3	7.3	6.5	7.5	7.3	6.7	6.8
Frozen yogurt	1.9	2.0	1.5	1.5	1.5	1.3	1.3	1.4
All dairy products, milk equivalent, milkfat basis	584.1	592.2	586.3	585.9	593.6	592.7	596.5	605.0
Fats and oils -- total fat content	65.6	81.8	82.9	87.7	87.0	86.4	85.5	84.3
Butter and margarine (product weight)	12.5	12.7	11.4	10.9	9.7	9.7	8.5	9.3
Shortening	21.1	31.6	32.6	33.3	32.8	32.6	29.1	24.8
Lard and edible tallow (direct use)	4.2	4.8	4.2	4.7	5.1	4.7	5.3	5.5
Salad and cooking oils	28.8	33.7	35.5	39.6	40.1	39.9	42.6	44.4
Fruits and vegetables <sup>12</sup>	704.2	709.0	701.5	681.2	701.6	700.5	685.9	676.0
Fruit	288.7	285.6	288.4	268.5	279.9	279.0	270.6	269.6
Fresh fruits	130.2	128.5	125.8	126.7	128.2	128.0	126.3	129.1
Canned fruit	19.2	17.5	17.6	16.7	17.2	16.9	16.5	15.4
Dried fruit	10.1	10.4	9.8	10.4	9.8	9.2	10.0	10.0
Frozen fruit	5.0	4.2	7.1	4.1	5.5	4.9	5.2	5.0
Selected fruit juices	123.7	124.6	127.9	110.3	118.9	119.4	112.2	109.4
Vegetables	415.5	423.4	413.1	412.7	421.6	421.5	415.3	406.4
Fresh	192.9	199.3	196.2	195.4	200.0	201.3	198.0	196.0
Canning	102.9	103.2	96.4	100.6	100.9	102.8	104.9	94.8
Freezing	80.8	79.3	79.4	76.9	78.8	79.0	75.7	74.6
Dehydrated and chips	30.5	33.2	33.4	32.3	34.7	31.8	29.7	33.9
Legumes	8.4	8.5	7.7	7.5	7.3	6.7	7.0	7.2
Peanuts (shelled)	6.0	5.8	5.9	5.8	6.3	6.6	6.6	6.5
Tree nuts (shelled)	2.8	2.5	2.8	3.1	3.4	3.4	2.7	3.4
Flour and cereal products <sup>13</sup>	196.0	199.3	195.0	192.1	193.5	191.7	191.5	192.5
Wheat Flour	144.0	146.3	141.0	136.6	136.5	134.3	133.9	134.2
Rice (milled basis)	18.7	19.1	19.3	20.1	20.9	20.7	20.5	20.6
Caloric sweeteners <sup>14</sup>	151.2	148.8	147.0	146.1	141.3	141.4	141.9	138.6
Coffee (green bean equiv.)	9.8	10.3	9.5	9.2	9.5	9.6	9.4	9.5
Cocoa (chocolate liquor equiv.)	4.5	4.7	4.5	3.9	4.2	4.8	5.2	5.2

-- = Not available. <sup>1</sup> In pounds, retail weight unless otherwise stated. Consumption normally represents total supply minus exports, nonfood use, and ending stocks. Calendar-year data, except fresh citrus fruits, peanuts, tree nuts, and rice, which are on crop-year basis. <sup>2</sup> Totals may not add due to rounding. <sup>3</sup> Boneless, trimmed weight. <sup>4</sup> Excludes shipments to the U.S. territories. <sup>5</sup> Whole and part-skim milk cheese. Natural equivalent of cheese and cheese products. <sup>6</sup> Includes Swiss, Brick, Muenster, cream, Neufchatel, Blue, Gorgonzola, Edam, and Gouda. <sup>7</sup> Plain and flavored. <sup>8</sup> Plain and flavored, and buttermilk. <sup>9</sup> Heavy cream, light cream, half and half, eggnog, sour cream, and dip. <sup>10</sup> Formerly known as ice milk. <sup>11</sup> Includes condensed and evaporated milk and dry milk products. <sup>12</sup> Farm weight. <sup>13</sup> Includes rye, corn, oats, and barley products. Excludes quantities used in alcoholic beverages, corn sweeteners, and fuel. <sup>14</sup> Dry weight equivalent. **Source: Economic Research Service (ERS), USDA.**

# Charts and Graphs of Pennsylvania Agriculture

The following pages display a few of the Microsoft PowerPoint slides, which can be found on our website at [www.nass.usda.gov/pa/](http://www.nass.usda.gov/pa/). These slides describe various facets of Pennsylvania's agriculture. Many, many more can be found there!

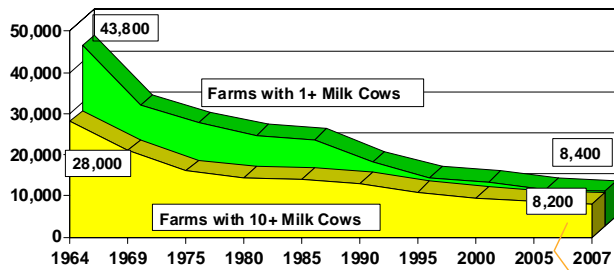
The screenshot shows a web browser window titled "NASS - Pennsylvania Charts and Maps - Windows Internet Explorer". The address bar shows the URL "http://www.nass.usda.gov/Statistics\_by\_State/Pennsylvania/Charts\_and\_Maps/index.asp". The page content includes the USDA logo and "National Agricultural Statistics Service" header. A navigation menu at the top lists: Home, About NASS, Newsroom, Publications, Data and Statistics, Census, Surveys, Help, Contact Us. A search box is on the left. The main content area is titled "Pennsylvania office of USDA-NASS" and "Charts and Maps". It contains text explaining that the links are Microsoft PowerPoint presentations describing various facets of Pennsylvania's agriculture, including demographics from the Census of Agriculture, annual statistics for major commodities, and updates every 5 years. It also includes a "Left or Right Click?" warning and a list of links: Dairy (updated Feb 2008), Demographics & Economics (updated Feb 2008), Field Crops (updated May 2008), Livestock and Poultry (updated Apr 2008), and Specialty Crops (updated Jul 2008). On the right, there are sections for "I Want To..." with links like "Search for Pennsylvania Data and Statistics" and "Contact the Pennsylvania Field Office", and "More State Features" with links like "2007 Ag Census Promotion" and "Census Legislative District Profiles". At the bottom right, there is a "Tripartite site for North American Agricultural Statistics" logo.

From the Pennsylvania homepage, click on the 'Pennsylvania charts or maps' link located on the right-hand side under More State Features. Please note that download times vary for each PowerPoint File. They can range from 10 seconds to 5 minutes depending on your computer processing speed and internet connection. A left or right click may work better depending on the setup of your Internet software.

The charts include demographics from the Census of Agriculture, which is done every 5 years, and annual statistics for major commodities grown in Pennsylvania. The slides are updated monthly on our site to capture the latest published statistics. A reference date is shown on the bottom of each slide.

You can find slides available on Dairy, Demographics & Economics, Field Crops, Livestock and Poultry, and Specialty Crops. A few slides from each category are shown on the next few pages.

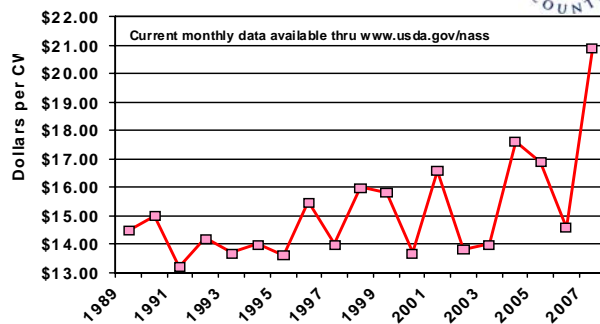
## Number of PA Milk Operations



Feb 2008

National Ag Statistics Service-PA, USDA

## PA Average Milk Price, Wholesale



Apr 2008

National Ag Statistics Service-PA, USDA

## Percent of Principal Operator's Total Household Income from Farming



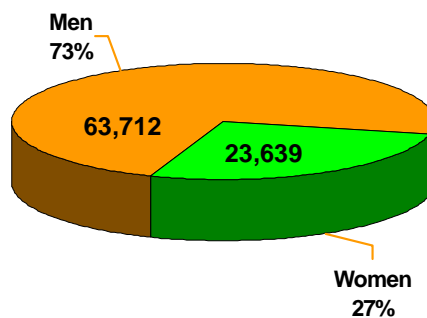
Percent income from farming	Number of Farms	Percent
Less than 25%	35,071	62%
25 to 49%	4,565	8%
50 to 74%	4,738	8%
75 to 99%	4,394	8%
100%	7,883	14%



2002 Census of Agriculture

National Ag Statistics Service-PA, USDA

## ALL Operators of PA Farms, 2002 by Gender on 58,105 farms



2002 Census of Agriculture

National Ag Statistics Service-PA,

## Direct Sales, Human Consumption, 2002



### TOP 100 COUNTIES in the USA

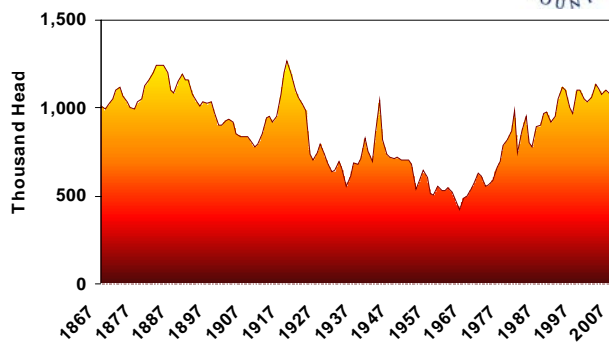
#1 - Yolo, CA	#31 - Chester, PA
#2 - San Joaquin, CA	#43 - Bucks, PA
#3 - Fresno, CA	#55 - Berks, PA
#4 - Worcester, MA	#57 - Erie, PA
#5 - San Diego, CA	#79 - Butler, PA
#7 - Lancaster, PA	#96 - Cumberland, PA
#27 - York, PA	#98 - Westmoreland, PA

2002 Census of Agriculture

National Ag Statistics Service-PA, USDA

## Hog Inventory December 1

Pennsylvania, 1867-2007

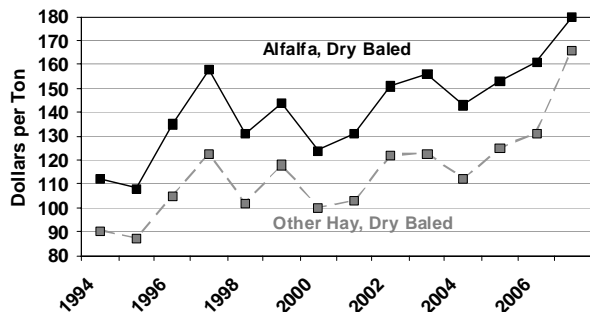


Jan 2008

National Ag Statistics Service-PA, USDA



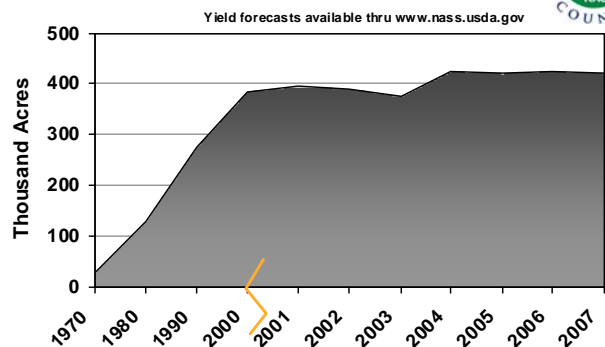
### PA Dry Hay: Market Year Average Price



Feb 2008

National Ag Statistics Service-PA, USDA

### PA Soybean Acres Harvested



Jan 2008

National Ag Statistics Service-PA, USDA

### Grape Acres by Variety & Percent Fr. Hybrid + Vinifera on PA Commercial Fruit Orchards

	1978	1997	2002
Catawba	915	329	254
Concord	11,751	9,819	9,247
Cayuga	na	na	34
Fredonia	59	14	15
Niagara	471	602	714
Other Native	150	84	37
French Hybrids	506	394	352
Vinifera	46	212	284
Unclassified	-	8	84

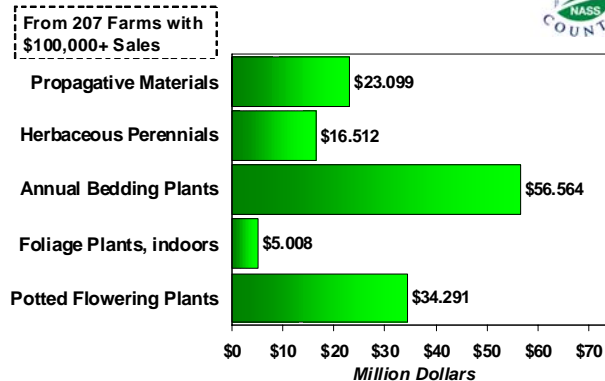
Percent Fr. Hybrid + Vinifera: 3.9% (1978), 5.3% (1997), 5.8% (2002)

2002 Orchard & Vineyard Survey

National Ag Statistics Service-PA, USDA

### PA Floriculture Crops, 2007

Wholesale Value of Sales = \$136.9 million

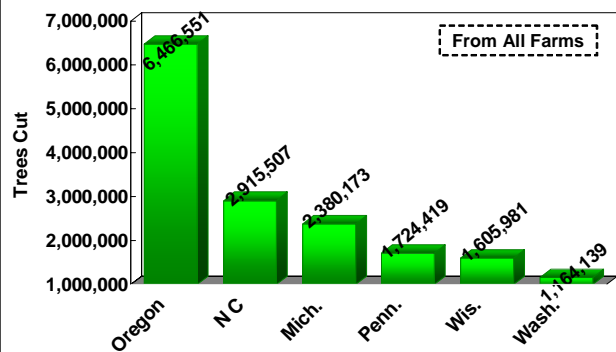


Apr 2008

National Ag Statistics Service-PA, USDA

### Cut Christmas Trees, 2002

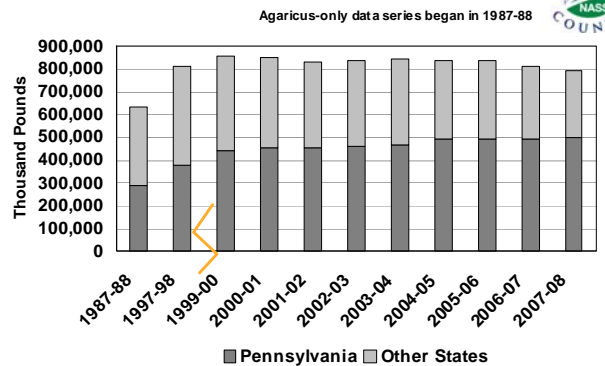
Number of Trees Cut, States > 1 million



2002 Census of Agriculture

National Ag Statistics Service-PA, USDA

### All Agaricus Mushrooms: Volume of Sales, PA & U.S.



Aug 2008

National Ag Statistics Service-PA, USDA

# Agricultural Chemical Usage

## Postharvest Applications – Oats Summary

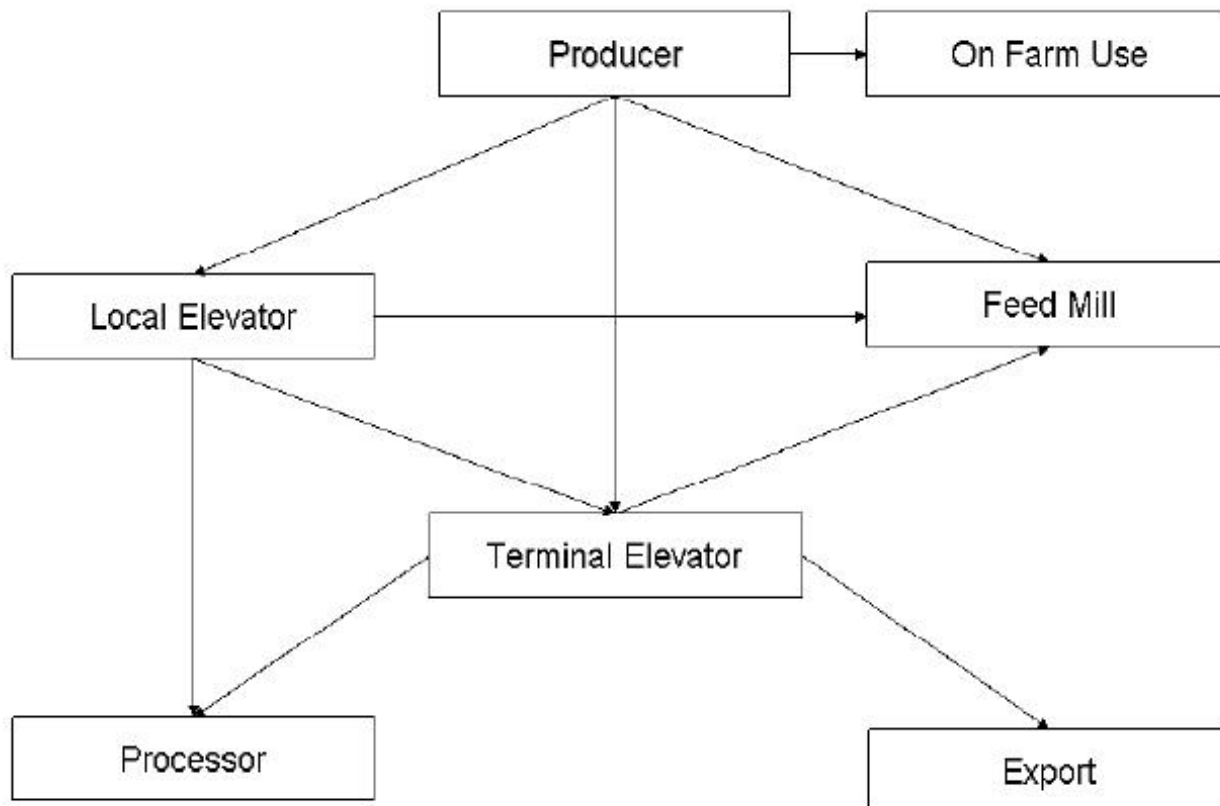
By Pamela K. Kanagy

After harvest, oats are generally marketed through local and/or terminal elevators, except those which are used on the farm. The diagram below shows the traditional postharvest marketing channels for oats. Most oats are used for livestock feed. This grain may be pulled out of the marketing channel at any point. Processors are also recipients of the grain at any point along the marketing channel.

Oats moving from a local elevator to a terminal elevator were duplicated in the total amount handled. The intent of the survey was to obtain the entire amount of chemicals applied to the stored oats; therefore, this duplication in quantity handled is necessary.

In addition to chemical applications, grain storage operators were also asked a series of questions pertaining to their pest management practices. Answers to these questions are summarized and included in the report.

### Oat Postharvest Market Channels



Oats: Postharvest Chemical Applications,  
Program States, 2005-06 Marketing Year

Agricultural Chemical	Volume Treated	Applications	Rate Per Application	Rate Per Market Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds Per 1,000 Bu.</i>		<i>1,000 Lbs.</i>
Insecticides:					
Aluminum phosphide	5.1	1.0	0.057	0.057	0.4
Malathion	0.7	1.0	0.415	0.415	0.4

Pennsylvania: Oats - Postharvest Chemical Applications,  
Percent Treated and Total Applied, 2005-06 Marketing Year <sup>1</sup>

Volume Handled	Percent Treated and Total Applied					
	Insecticide		Fungicide		Other Chemical	
<i>1,000 Bu.</i>	<i>Percent</i>	<i>1,000 Lbs.</i>	<i>Percent</i>	<i>1,000 Lbs.</i>	<i>Percent</i>	<i>1,000 Lbs.</i>
2,867	*	*				

\* Insufficient reports to publish data. <sup>1</sup> Blank cells represent no data reported for the item.

Pennsylvania: Oats – All Grains Handled: Pest Management Practices,  
Percent of Operations Utilizing Practice, 2005-06 Marketing Year <sup>1</sup>

Practice	Percent of Acres Receiving Practice
	<i>Percent</i>
Mechanical Devices:	
Aeration controller	13
Deep bin sampler	
Grain spreader	13
Phosphine pellet dispenser	4
Protein analyzer	1
Power probe	
Re-circulation fumigation device	
Temperature cable	1
Cleaning Activities:	
Clean aeration ducts	38
Control vegetation around bins	78
Core bins after filling	16
Fumigate empty bins	34
Hose down empty warehouse bins	6
Pick up spilled grain	87
Sweep or vacuum empty bins	81
Other cleaning activities	4

<sup>1</sup> Blank cells represent no data reported for the item.

Pennsylvania: Oats – All Grains Handled: Pest Management Practices,  
Percent of Operations Utilizing Practice, 2005-06 Marketing Year <sup>1 2</sup>

Practice	Spring and Summer	Fall and Winter
Inspected for insects:		
Concrete Silos:		
Daily	3	3
Twice a week		
Weekly	3	1
Every two weeks	1	1
Monthly	1	3
Other		
Do not monitor	3	3
Do not have structure	89	89
Steel Bins and Tanks:		
Daily	11	11
Twice a week	5	5
Weekly	17	15
Every two weeks	8	7
Monthly	13	16
Other	8	8
Do not monitor	8	9
Do not have structure	30	30
Other Structures:		
Daily	12	12
Twice a week	1	1
Weekly	11	8
Every two weeks	5	5
Monthly	9	11
Other	3	3
Do not monitor	9	11
Do not have structure	49	49

<sup>1</sup> Numbers for each type of structure may not add to 100 due to rounding.

<sup>2</sup> Blank cells represent no data reported for the item.

Pennsylvania: Oats – Pest Management Practices, Percent of Operations  
Utilizing Practice, 2005-06 Marketing Year, Continued <sup>1 2</sup>

Practice	Spring and Summer	Fall and Winter
Measured Grain Temperature:		
Concrete Silos:		
Daily		
Twice a week		
Weekly		
Every two weeks		
Monthly	3	3
Other		
Do not monitor	11	11
Do not have structure	87	87
Steel Bins and Tanks:		
Daily	3	3
Twice a week		
Weekly	8	5
Every two weeks	1	3
Monthly	7	7
Other	1	1
Do not monitor	50	52
Do not have structure	30	30
Other Structures:		
Daily	1	1
Twice a week		
Weekly	5	1
Every two weeks	1	1
Monthly	5	7
Other	1	1
Do not monitor	36	37
Do not have structure	49	50

<sup>1</sup> Numbers for each type of structure may not add to 100 due to rounding.

<sup>2</sup> Blank cells represent no data reported for the item.

Oats - All Grains Handled: Pest Management Practices, Strategies Used in  
Determining Fumigation Schedule, 2005-06 Marketing Year <sup>1</sup>

Practice	State						
	ND	OH	PA	SD	TX	WI	ALL
	<i>Percent of Operations</i>	<i>Percent of Operations</i>	<i>Percent of Operations</i>	<i>Percent of Operations</i>	<i>Percent of Operations</i>	<i>Percent of Operations</i>	<i>Percent of Operations</i>
Preset calendar date		24	6	4		7	6
Bin samples	25	6	13	33	35	32	28
Combined with other handling operations	5		31	14	35	7	12
Insect trap counts	5	6	6	8			3
Visual grain inspection	65	65	31	41	29	47	49
Other			13			8	2

<sup>1</sup> Blank cells represent no data reported for the item.

# Agricultural Chemical Usage

## 2005 Selected Field Crops

By Pamela K. Kanagy

(for the complete report, go to [www.nass.usda.gov](http://www.nass.usda.gov) and click on 'Environmental' on the gray column on the left)

### Oats

#### Pesticides, Fertilizers, Pest Management Practices:

**Nitrogen:** Pennsylvania farmers applied nitrogen to 90 percent of the 140,000 acres of oats planted in 2005. Total nitrogen applied to oats in 2005 was 4.5 million pounds. The average rate per application was 33 pounds per acre with the average number of applications of 1.1.

**Potash:** Oat growers in the State applied potash to 82 percent of the 140,000 acres planted in 2005. The total amount applied was 5.1 million pounds at a rate of 45 pounds per acre per crop year.

**Phosphate:** Phosphate was applied to 81 percent of Pennsylvania's oat acres planted in 2005. Total phosphate applied to oats in 2005 was 4.9 million pounds.

**Pesticides:** Herbicides were applied to 58 percent of the oat acreage planted. 2,4-D was the most common herbicide applied with a total amount applied of 9,000 pounds on 16 percent of Pennsylvania's oat acreage.

Pennsylvania: Oats - Planted Acreage, Pesticide, Percent of Area Receiving Applications and Total Applied, 2005<sup>1</sup>

Crop	Planted Acreage	Area Receiving and Total Applied					
		Herbicide		Insecticide		Fungicide	
	1,000 Acres	Percent	1,000 Lbs.	Percent	1,000 Lbs.	Percent	1,000 Lbs.
Oats	140	58	46	-	-	-	-

<sup>1</sup> Insufficient reports to publish data for one or more pesticide classes.

Pennsylvania: Oats - Fertilizer Primary Nutrient Applications, 2005

Primary Nutrient	Planted Acreage	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	1,000 Acres	Percent	Number	Pounds Per Acre		Million Lbs.
<b>Oats</b>	140					
Nitrogen		90	1.1	33	36	4.5
Phosphate		81	1.0	43	43	4.9
Potash		82	1.0	45	45	5.1
Sulfur		2	1.0	34	34	0.1

Pennsylvania: Oats - Agricultural Chemical Applications, 2005<sup>1</sup>

Active Ingredient	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	Percent	Number	Pounds Per Acre	Pounds Per Acre	1,000 Lbs.
<b>Herbicides</b>					
2,4-D, dimeth. salt	16	1.0	0.378	0.387	9
2,4-DB, dimeth. salt	8	1.0	0.580	0.580	6
MCPA, dimethyl. salt	15	1.0	0.350	0.350	8

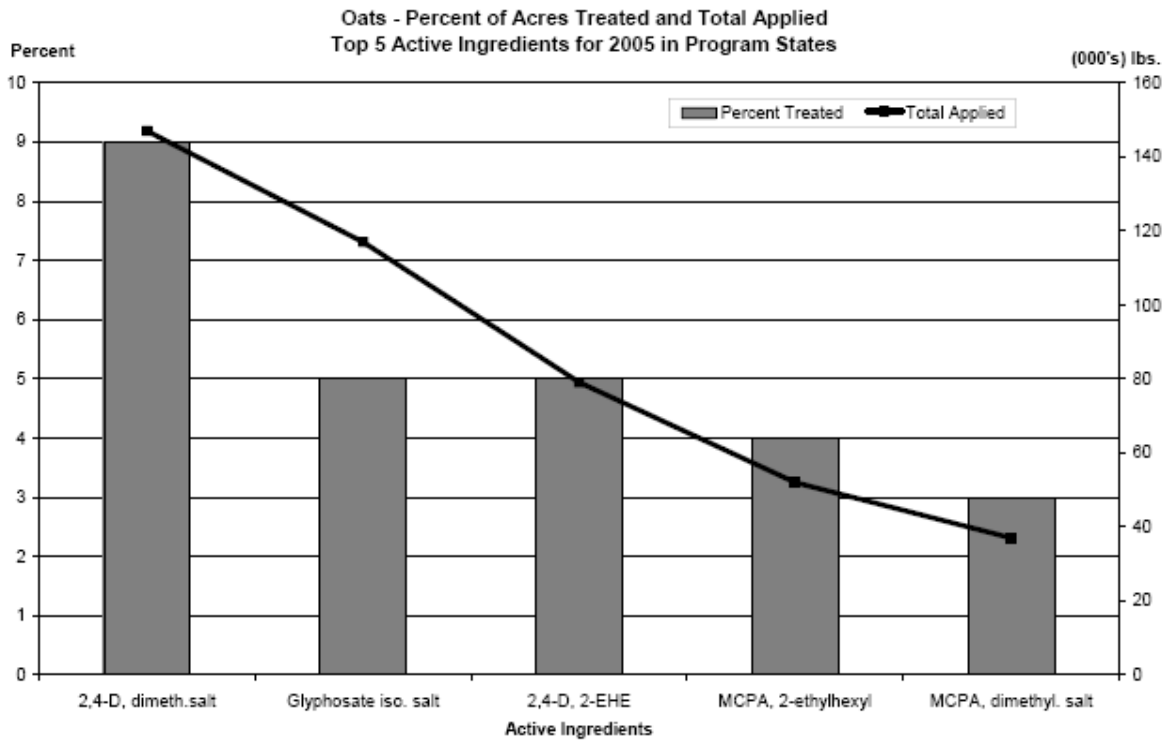
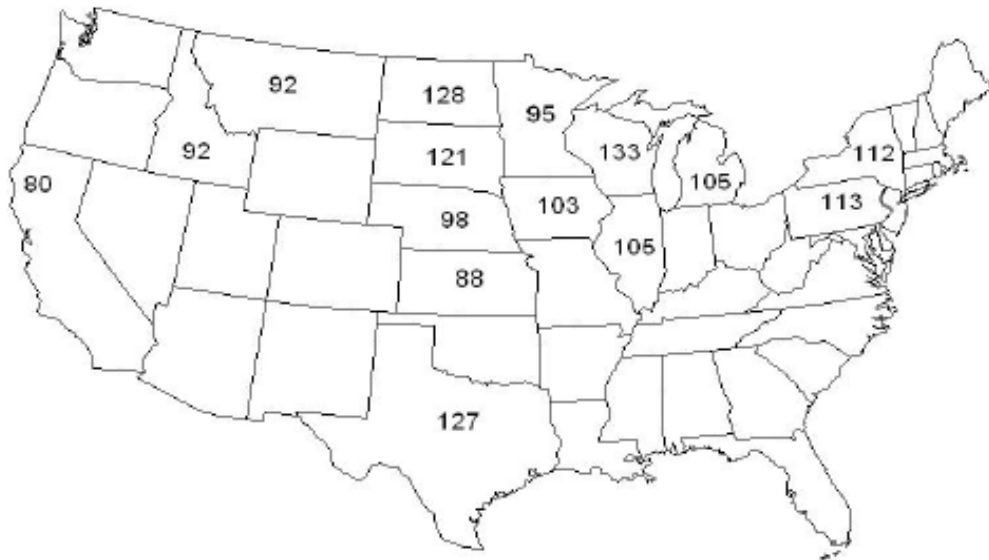
<sup>1</sup> Planted acreage in 2005 for Pennsylvania was 140,000 acres.

Pennsylvania: Pest Management Practices - Percent of Acres Receiving Practice  
and Percent of Farms Receiving Practice for Oats, 2005

Practice	Percent of Acres Receiving Practice		Percent of Farms Receiving Practice	
	PA	US	PA	US
	<i>Percent of Acres</i>		<i>Percent of Farms</i>	
<b>Prevention Practice:</b>				
No-till or minimum till used to manage pests	21	38	16	37
Plow down crop residue	54	39	53	37
Remove crop residue	17	15	20	15
Clean implements after fieldwork	21	32	16	26
Field edges/etc. chopped, mowed/etc.	24	24	19	23
Water management practices		2		2
<b>Avoidance Practices:</b>				
Adjust planting/harvesting dates	11	12	11	11
Rotate crops to control pests	88	62	87	71
Crop variety chosen for pest resistance	4	11	2	11
Planting locations planned to avoid pests	12	10	12	10
<b>Monitoring Practices:</b>				
Scouting by general observation	42	40	42	42
Deliberate scouting activities	23	24	20	19
Field was not scouted	35	37	39	38
Scouted for pests	3	4	1	3
Scouting due to pest advisory warning		1		1
Scouting due to pest development model	*	3	*	2
Scouted for weeds	63	60	59	59
Scouting for weeds was done by:				
Operator, partner, or family member	92	88	96	92
An employee		5		1
Farm supply or chemical dealer	3	5	2	6
Indep. crop consultant or comm. scout	5	2	3	2
Scouted for insects or mites	29	38	26	33
Scouting for insects or mites was done by:				
Operator, partner, or family member	84	83	91	88
An employee		8		1
Farm supply or chemical dealer	7	6	4	9
Indep. crop consultant or comm. scout	9	3	5	2
Scouted for diseases	26	30	24	27
Scouting for diseases was done by:				
Operator, partner, or family member	83	82	92	87
An employee		9		1
Farm supply or chemical dealer	7	6	4	10
Indep. crop consultant or comm. scout	9	3	4	2
Field mapping of weed problems	4	4	3	4
Soil/plant tissue analysis to detect pests	5	2	2	1
Records kept to track pests	12	6	10	6
Weather monitoring	52	53	55	53
<b>Suppression Practices:</b>				
Biological pesticides				
Scouting used to make decisions	4	5	3	4
Maintain ground cover or physical barriers	31	33	31	36
Adjust planting methods	6	9	4	7
Alternate pesticides with different MOA	16	13	14	14

\* Percentage is less than 0.5 percent.

## Oats: Number of Usable Reports 2005





# Corn

## Pesticides, Fertilizers, Pest Management Practices:

**Nitrogen:** Pennsylvania farmers applied nitrogen to 88 percent of the 1,350,000 acres of corn planted in 2005. Total nitrogen applied to corn in 2005 was 108.4 million pounds. The average rate per application was 62 pounds per acre with the average number of applications of 1.5.

**Phosphate:** Phosphate was applied to 64 percent of Pennsylvania's corn acres planted in 2005. Total phosphate applied to corn in 2005 was 40.7 million pounds.

**Potash:** Corn growers in the State applied potash to 58 percent of the 1,350,000 acres planted in 2005. The total amount

applied was 37.4 million pounds at a rate of 44 pounds per acre per crop year.

**Pesticides:** Herbicides were applied to 97 percent of the corn acreage planted. The herbicide Atrazine was the leading agricultural chemical applied with a total applied of 1,291,000 pounds on 87 percent of Pennsylvania's corn acreage. Insecticides were applied to 21 percent of corn acreage in Pennsylvania for the 2005 crop year. Chlorpyrifos was the most common insecticide applied to corn with a total amount applied of 128,000 pounds on 9 percent of Pennsylvania's corn acreage.

Pennsylvania: Corn - Planted Acreage, Pesticide, Percent of Area Receiving Applications and Total Applied, 2005

Crop	Planted Acreage	Area Receiving and Total Applied							
		Herbicide		Insecticide <sup>2</sup>		Fungicide		Other	
	1,000 Acres	Percent	1,000 Lbs.	Percent	1,000 Lbs.	Percent	1,000 Lbs.	Percent	1,000 Lbs.
Corn	1,350	97	3,346	21	154	-	-	-	-

Pennsylvania: Corn - Fertilizer Primary Nutrient Applications, 2005

Primary Nutrient	Planted Acreage	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	1,000 Acres	Percent	Number	Pounds per Acre	Pounds per Acre	Million Lbs.
<b>Corn</b>	1,350					
Nitrogen		88	1.5	62	92	108.4
Phosphate		64	1.1	44	47	40.7
Potash		58	1.1	44	48	37.4
Sulfur		6	1.1	33	37	3.0

Pennsylvania: Corn - Agricultural Chemical Applications 2005<sup>1</sup>

Active Ingredient	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	Percent	Number	Pounds per Acre	Pounds per Acre	1,000 Lbs.
<b>Herbicides</b>					
2,4-D, 2-EHE	5	1.0	0.597	0.597	40
2,4-D, dimeth.salt	6	1.2	0.623	0.731	63
Acetochlor	11	1.0	1.610	1.610	234
Atrazine	87	1.0	1.063	1.096	1,291
Dicamba, Dimet.salt	5	1.0	0.194	0.194	14
Dicamba, Sodium salt	2	1.0	0.106	0.106	2
Diflufenzopyr-sodium	2	1.0	0.042	0.042	1
Glyphosate iso. salt	28	1.1	0.766	0.832	319
Isoxaflutole	5	1.0	0.062	0.062	5
Mesotrione	26	1.0	0.136	0.136	47
Metolachlor	3	1.0	1.217	1.217	49
Nicosulfuron	13	1.0	0.020	0.020	4
Paraquat	9	1.0	0.458	0.458	54
Pendimethalin	26	1.0	0.928	0.928	324
Rimsulfuron	13	1.0	0.011	0.011	2
S-Metolachlor	48	1.0	1.220	1.220	783
Simazine	1	1.0	1.123	1.123	14
<b>Insecticides</b>					
Chlorpyrifos	9	1.0	1.018	1.018	128
Cyfluthrin	2	1.4	0.009	0.013	( <sup>2</sup> )
Lambda-cyhalothrin	2	1.0	0.014	0.014	( <sup>2</sup> )
Tefluthrin	7	1.0	0.097	0.097	9

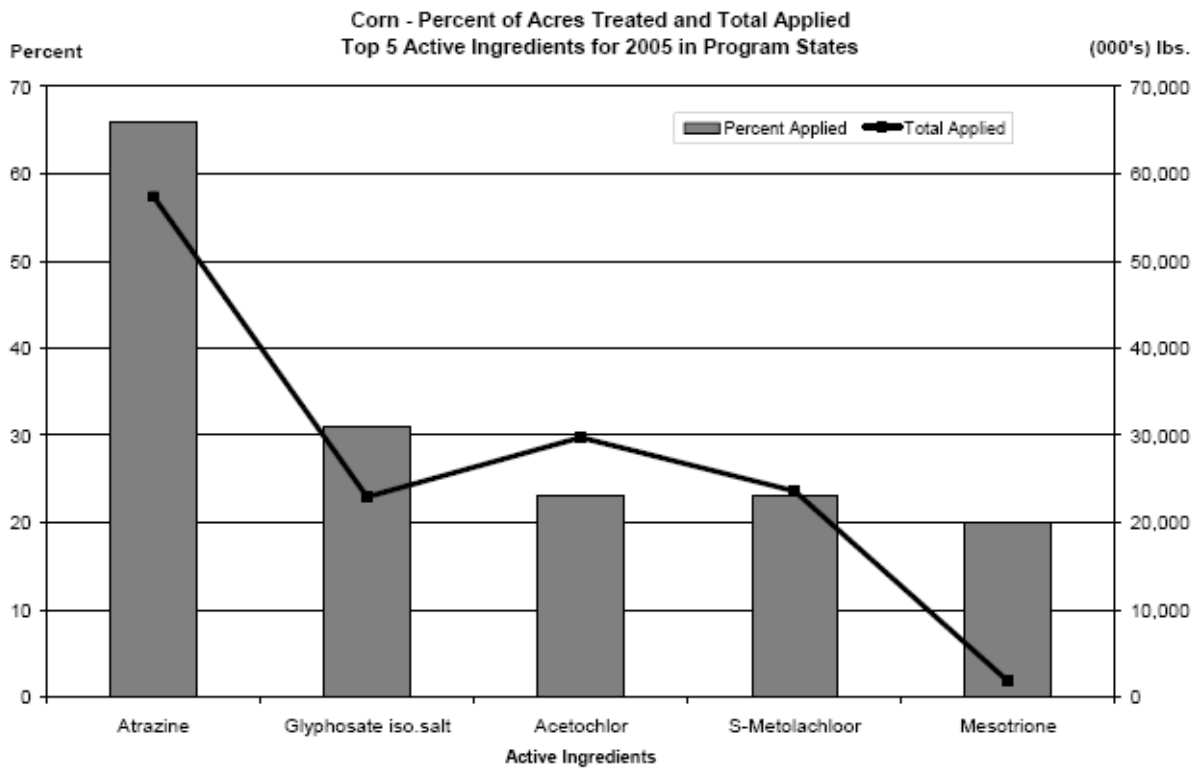
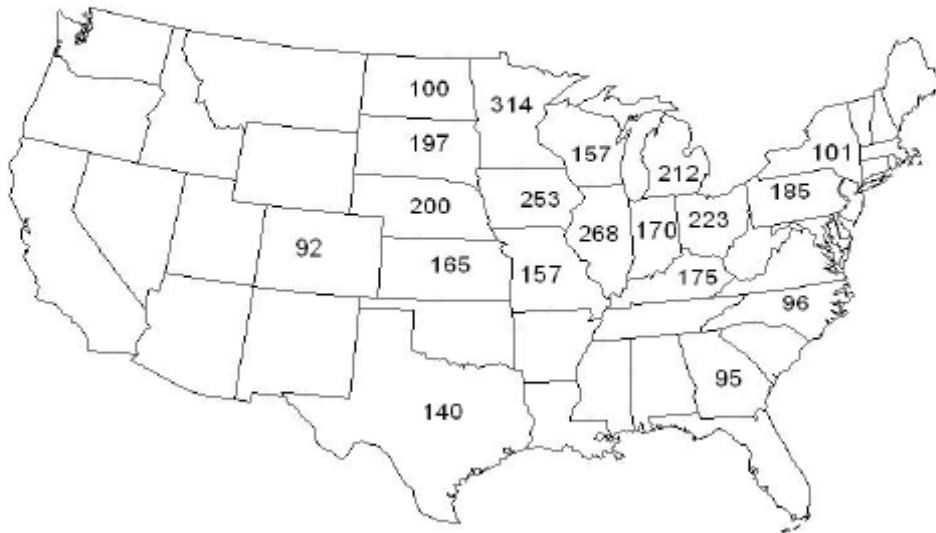
<sup>1</sup> Planted acres in 2003 for Pennsylvania were 1.4 million acres. <sup>2</sup> Total applied is less than 500 lbs.

**Pennsylvania: Pest Management Practices - Percent of Acres Receiving Practice  
and Percent of Farms Receiving Practice for Corn, 2005**

Practice	Percent of Acres Receiving Practice		Percent of Farms Receiving Practice	
	PA	US	PA	US
	<i>Percent of Acres</i>		<i>Percent of Farms</i>	
<b>Prevention Practices:</b>				
No-till or minimum till used to manage pests	68	62	63	61
Plow down crop residue	31	22	37	24
Remove crop residue	14	4	16	6
Clean implements after fieldwork	33	35	30	33
Field edges/etc. chopped, mowed/etc.	45	44	39	41
Water management practices	2	3	3	2
<b>Avoidance Practices:</b>				
Adjust planting/harvesting dates	4	10	5	9
Rotate crops to control pests	71	80	71	79
Crop variety chosen for pest resistance	51	52	42	44
Planting locations planned to avoid pests	11	16	15	14
<b>Monitoring Practices:</b>				
Scouting by general observation	39	41	46	42
Deliberate scouting activities	43	50	43	45
Field was not scouted	18	9	11	13
Scouted for pests	12	17	14	14
Scouting due to pest advisory warning	1	9	3	7
Scouting due to pest development model	8	8	10	7
Scouted for weeds	82	90	89	86
Scouting for weeds was done by:				
Operator, partner, or family member	79	79	78	81
An employee	1	1	2	1
Farm supply or chemical dealer	8	9	7	10
Indep. crop consultant or comm. scout	12	11	13	8
Scouted for insects or mites	49	67	53	59
Scouting for insects or mites was done by:				
Operator, partner, or family member	75	74	73	77
An employee	1	1	3	1
Farm supply or chemical dealer	7	10	4	11
Indep. crop consultant or comm. scout	16	15	20	11
Scouted for diseases	37	49	36	43
Scouting for diseases was done by:				
Operator, partner, or family member	73	71	69	75
An employee	1	1	4	1
Farm supply or chemical dealer	8	10	4	11
Indep. crop consultant or comm. scout	18	19	23	13
Field mapping of weed problems	11	11	14	10
Soil/plant tissue analysis to detect pests	6	5	3	4
Records kept to track pests	17	21	18	17
Weather monitoring	63	61	60	58
<b>Suppression Practices:</b>				
Biological pesticides	4	7	4	5
Scouting used to make decisions	17	23	20	18
Maintain ground cover or physical barriers	44	42	49	42
Adjust planting methods	6	14	8	12
Alternate pesticides with different MOA	29	29	23	28

\* Percentage is less than 0.5 percent.

## Corn: Number of Usable Reports 2005



# Agricultural Chemical Usage, 2007

## Fruit - Apples

By Sherry S. Deane

This release is a brief summary of data for on-farm use of commercial fertilizers, agricultural chemicals, and pest management practices from producers of apples for the 2007 crop year taken from the **Agricultural Chemical Usage 2007 Field Crops Summary** issued by the National Agricultural Statistics Service in Washington, D.C. The complete report, with many more details, including organic apple information, is available on the Internet at [www.nass.usda.gov/Statistics\\_by\\_Subject/Environmental/](http://www.nass.usda.gov/Statistics_by_Subject/Environmental/); click on "Field Crops".

Information in this report is collected from the Agricultural Resources Management Survey (ARMS). The ARMS survey is conducted in cooperation with the Economic Research Service (ERS). Data collection occurred between October and December of 2007. The agricultural chemical use estimates in this report focus on the acreage treated and application rates for herbicides, insecticides, fungicides, and other pesticides. The survey also collected information about production practices; that information will be released by ERS at a later date at [www.ers.usda.gov/data/costsandreturns/](http://www.ers.usda.gov/data/costsandreturns/).

Herbicides were applied to 84 percent of the 21,500 bearing acres of apples in Pennsylvania. A total of 30,700 pounds was applied to that acreage. The active ingredient most commonly used was Glyphosate isopropylamine salt with a total application of 8,300 pounds. It was applied to 26 percent of the bearing acreage at a rate of 1.504 pounds per acre. The second-most used herbicide was Simazine. A total of 4,700 pounds was used on 11 percent of all bearing acres.

There was an average of 1.2 applications made at a rate of 1.710 pounds per acre.

Insecticides were applied to 98 percent of Pennsylvania's bearing apple acreage. A total of 235,200 pounds was applied. Petroleum oil was the active ingredient used in the largest volume. A total of 67,200 pounds was applied to 12 percent of all bearing acres. There was an average of 1.4 applications made at a rate of 19.510 pounds per acre. The insecticide most commonly used was Azinphos-methyl. It was applied to 70 percent of the bearing acreage at a rate of 1.226 pounds per acre, for a total of 18,500 pounds applied.

Fungicides were applied to 97 percent of the state's bearing apple acreage. A total application of 307,600 pounds was made. Captan was the most commonly used active ingredient with 109,100 pounds of the chemical applied to 80 percent of all bearing acres. An average of 4.8 applications was made at a rate of 1.326 pounds per acre. The second-most common fungicide in use was Mancozeb. A total of 82,500 pounds was applied to 68 percent of bearing acres. It was applied at a rate of 1.589 pounds per acre an average of 3.6 times.

Other chemicals were applied to 70 percent of bearing apple acreage in the state. A total of 4,200 pounds was applied. Ethephon was the most used active ingredient of these chemicals as a total of 2,000 pounds was applied to 27 percent of the state's bearing acreage. It was applied at a rate of 0.208 pounds per acre with an average of 1.6 applications.



Pennsylvania <sup>1</sup> and Program States <sup>2</sup>: Apples – Agricultural Chemical Applications, 2007

Active Ingredient	Area Applied		Applications		Rate per Application		Rate per Crop Year		Total Applied	
	PA	US <sup>2</sup>	PA	US <sup>2</sup>	PA	US <sup>2</sup>	PA	US <sup>2</sup>	PA	US <sup>2</sup>
	Percent		Number		Pounds per Acre				1,000 lbs.	
<b>Herbicides</b>										
2,4-D dimeth. salt	15	8	1.1	1.3	1.120	0.977	1.260	1.280	4.1	29.7
Diuron	9	6	1.2	1.1	1.682	1.484	2.059	1.688	3.9	31.0
Glyphosate iso. salt	26	45	1.2	1.6	1.219	1.193	1.504	1.925	8.3	250.5
Paraquat	22	12	1.1	1.2	0.818	1.194	0.908	1.440	4.2	49.7
Pendimethalin	9	3	1.0	1.4	1.771	1.443	1.858	2.055	3.4	16.9
Simazine	11	10	1.2	1.3	1.710	1.421	1.989	1.843	4.7	52.1
Terbacil	2	1	1.0	1.0	0.603	0.826	0.603	0.826	0.2	2.0
<b>Insecticides</b>										
Abamectin	12	2	1.4	1.2	0.008	0.010	0.011	0.012	<sup>3/</sup>	0.1
Acetamiprid	29	37	1.6	1.7	0.141	0.147	0.224	0.254	1.4	27.0
Azinphos-methyl	70	62	2.8	2.5	0.433	0.832	1.226	2.045	18.5	363.3
Benzoic acid	54	19	1.9	1.4	0.133	0.197	0.252	0.273	2.9	15.2
Bt subsp. kurstaki	2	10	1.8	1.8	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>	<sup>4/</sup>
Carbaryl	44	52	1.4	1.4	1.005	1.115	1.402	1.566	13.3	233.8
Chlorpyrifos	36	59	1.7	1.2	0.941	1.502	1.567	1.732	12.0	292.2
Cyfluthrin	8	1	1.2	1.1	0.028	0.032	0.032	0.034	0.1	0.1
Diazinon	34	8	1.9	1.4	0.796	1.504	1.504	2.078	11.1	50.1
Endosulfan	2	9	1.2	1.2	2.302	1.458	2.690	1.723	1.2	43.3
Esfenvalerate	26	10	1.8	1.5	0.034	0.044	0.061	0.064	0.3	1.9
Ethion	3	<sup>5/</sup>	1.8	1.9	0.347	0.220	0.636	0.413	0.3	0.4
Etoxazole	10	3	1.0	1.0	0.050	0.085	0.050	0.088	0.1	0.7
Fenpropathrin	23	12	1.6	1.6	0.175	0.258	0.278	0.402	1.4	14.3
Gamma-cyhalothrin	20	5	1.4	2.0	0.010	0.015	0.014	0.030	0.1	0.4
Imidacloprid	21	25	1.4	1.5	0.036	0.086	0.051	0.128	0.2	9.3
Lambda-cyhalothrin	15	10	2.5	1.5	0.015	0.031	0.038	0.048	0.1	1.4
Methomyl	23	4	2.1	1.8	0.352	0.526	0.747	0.943	3.7	9.5
Novaluron	22	15	1.9	1.5	0.093	0.163	0.178	0.238	0.8	10.6
Petroleum distillate	28	58	1.5	1.8	7.101	17.808	10.610	31.410	64.5	5,281.8
Petroleum oil	12	4	1.4	1.5	19.510	14.180	26.389	20.719	67.2	262.0
Phosmet	39	25	3.3	2.2	1.098	1.609	3.592	3.561	30.3	255.0
Pyridaben	2	7	1.2	1.1	0.216	0.248	0.262	0.262	0.1	5.6
Thiacloprid	10	8	1.6	1.5	0.094	0.167	0.147	0.258	0.3	5.7
<b>Fungicides</b>										
Basic copper sulfate	11	3	1.5	1.2	1.041	1.239	1.542	1.523	3.7	13.3
Boscalid	13	14	1.4	1.4	0.013	0.014	0.018	0.020	0.1	0.8
Captan	80	34	4.8	5.2	1.326	1.988	6.350	10.274	109.1	1,005.5
Chlorothalonil	3	<sup>5/</sup>	1.0	1.2	0.708	1.303	0.708	1.537	0.4	1.2
Copper hydroxide	5	7	1.4	1.3	1.707	2.617	2.383	3.361	2.6	66.8
Copper oxychloride sulfate	3	2	1.0	1.5	2.534	1.529	2.534	2.264	1.8	13.3
Copper oxychloride	8	2	1.0	1.0	3.477	2.526	3.577	2.626	5.9	13.3
Cyprodinil	15	4	1.4	1.5	0.171	0.183	0.240	0.276	0.8	3.4
Dodine	3	3	1.3	1.5	0.490	0.800	0.659	1.223	0.5	9.4
Fenarimol	5	13	2.4	1.4	0.047	0.067	0.112	0.091	0.1	3.5
Kresoxim-methyl	56	13	1.8	1.7	0.081	0.111	0.148	0.190	1.8	7.0
Mancozeb	68	37	3.6	2.7	1.589	2.676	5.701	7.309	82.5	769.8
Metiram	23	7	3.0	3.1	1.818	2.586	5.533	8.078	26.9	172.7
Myclobutanil	33	36	2.1	1.5	0.115	0.128	0.247	0.191	1.7	19.5
Pyraclostrobin	13	14	1.4	1.4	0.001	0.001	0.001	0.001	<sup>3/</sup>	<sup>3/</sup>
Streptomycin	4	9	1.8	1.6	0.145	0.173	0.257	0.273	0.2	6.7
Thiophanate-methyl	60	18	2.7	2.5	0.320	0.375	0.873	0.939	11.2	49.8
Thiram	2	<sup>5/</sup>	2.9	2.6	5.188	4.592	15.194	11.709	5.0	5.6
Trifloxystrobin	24	20	1.9	1.6	0.051	0.066	0.100	0.103	0.5	6.0
Ziram	30	11	3.0	2.0	2.025	3.009	6.173	6.100	39.8	195.7

See footnote(s) at end of table.

–continued

Pennsylvania<sup>1</sup> and Program States<sup>2</sup>: Apples – Agricultural Chemical Applications, 2007 (continued)

Active Ingredient	Area Applied		Applications		Rate per Application		Rate per Crop Year		Total Applied	
	PA	US <sup>2</sup>	PA	US <sup>2</sup>	PA	US <sup>2</sup>	PA	US <sup>2</sup>	PA	US <sup>2</sup>
	Percent		Number		Pounds per Acre		Pounds per Acre		1,000 lbs.	
<b>Other Chemicals</b>										
Benzyladenine	16	23	1.2	1.3	0.050	0.034	0.061	0.043	0.2	2.9
Butenoic Acid Hydro.	11	15	1.3	1.1	0.099	0.071	0.128	0.075	0.3	3.3
Chlorophacinone	3	2	1.0	1.1	0.001	0.001	0.001	0.001	<sup>3/</sup>	<sup>3/</sup>
Dodecadien-1-ol	2	2	1.8	1.3	0.010	0.012	0.017	0.016	<sup>3/</sup>	0.1
Ethephon	27	13	1.6	1.3	0.208	0.485	0.335	0.615	2.0	23.3
Gibberellic acid	1	3	1.8	1.8	0.020	0.026	0.035	0.048	<sup>3/</sup>	0.4
Gibberellins A4A7	4	18	1.0	1.0	0.016	0.024	0.016	0.024	<sup>3/</sup>	1.2
NAA, Sodium	31	11	1.4	1.4	0.012	0.012	0.016	0.017	0.1	0.5
Prohexadione calcium	6	6	1.7	2.0	0.102	0.213	0.178	0.422	0.2	7.4
Spirodiclofen	17	7	1.6	1.2	0.145	0.208	0.232	0.239	0.9	4.8
Zinc phosphide	8	2	1.0	1.4	0.173	0.117	0.173	0.159	0.3	1.0

<sup>1</sup> Bearing acreage in 2007 for Pennsylvania is 21,500 acres.

<sup>2</sup> The 7 Program States consist of: California, Florida, Michigan, New York, North Carolina, Oregon, **Pennsylvania**, and Washington totaling 288,000 bearing acres.

<sup>3</sup> Total applied is less than 50 lbs.

<sup>4</sup> Rate and total applied are not available because amounts of active ingredient are not comparable between products.

<sup>5</sup> Area applied is less than 0.5 percent.

Pennsylvania and Program States<sup>1</sup>: Apples – Fertilizer Use, 2007  
Percent of Acres Treated and Total Applied

State	Bearing Acreage	Percent of Acres Treated and Total Applied							
		Nitrogen		Phosphate		Potash		Sulfur	
	<i>Acres</i>	<i>Percent</i>	<i>1,000 Lbs.</i>	<i>Percent</i>	<i>1,000 Lbs.</i>	<i>Percent</i>	<i>1,000 Lbs.</i>	<i>Percent</i>	<i>1,000 Lbs.</i>
PA	21,500	45	287.0	29	182.2	29	234.5	<sup>2/</sup>	<sup>2/</sup>
US <sup>1</sup>	288,000	71	10,861.8	24	2,445.8	34	6,327.0	12	962.1

<sup>1</sup> The 7 Program States consist of: California, Florida, Michigan, New York, North Carolina, Oregon, **Pennsylvania**, and Washington.

<sup>2</sup> Insufficient reports to publish data for the fertilizer primary nutrient.

Pennsylvania and Program States<sup>1</sup>: Apples – Fertilizer Primary Nutrient Applications, 2007

Primary Nutrient	Bearing Acreage	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Acres</i>	<i>Percent</i>	<i>Number</i>	<i>Pounds per Acre</i>	<i>Pounds per Acre</i>	<i>1,000 Lbs.</i>
<b>Pennsylvania</b>	21,500					
Nitrogen		45	1.2	25	30	287.0
Phosphate		29	1.1	27	29	182.2
Potash		29	1.1	35	38	234.5
<b>Program States<sup>1</sup></b>	288,000					
Nitrogen		71	1.5	35	53	10,861.8
Phosphate		24	1.5	24	36	2,445.8
Potash		34	1.4	47	65	6,327.0

<sup>1</sup> The 7 Program States consist of : California, Florida, Michigan, New York, North Carolina, Oregon, **Pennsylvania**, and Washington.

**Pest Management Practices – Percent of Acres Receiving Practice and  
Percent of Farms Utilizing Practice, Apples, 2007**

Practice	Percent of Acres Receiving Practice		Percent of Farms Utilizing Practice	
	PA	Program States <sup>1</sup> 2007	PA	Program States <sup>1</sup> 2007
<b>Prevention Practices:</b>				
Remove crop residue, leaf litter, or remove prunings	51	67	65	62
Clean implements after block work	21	54	21	47
Chop, spray, mow or plow	87	85	88	80
Applied herbicides before weeds emerged	27	19	19	16
Applied herbicides after weeds emerged	75	56	66	53
Applied insecticides to this apple block	95	96	94	93
Maintain beneficial insect or vertebrate habitat	43	51	42	45
Protection of beneficial organisms	55	61	60	60
Non-chemical controls for deer	13	10	14	13
<b>Avoidance Practices:</b>				
Adjust harvesting dates	6	10	7	12
Crop variety chosen for pest resistance	12	8	9	9
<b>Monitoring Practices:</b>				
Deliberate scouting activities	91	88	87	85
Scouting by general observation	6	10	9	11
Scouted for pests	78	77	66	73
Scouting due to pest advisory warning	41	33	28	31
Scouting due to pest development model	49	51	41	44
Scouted for weeds	91	85	87	79
Scouting for weeds was done by:				
Operator, partner, or family member	55	42	61	51
Farm supply or chemical dealer	42	33	34	28
Scouted for insects and mites	96	98	94	95
Scouting for insects or mites was done by:				
Operator, partner, or family member	41	28	44	36
Farm supply or chemical dealer	53	42	48	40
Scouted for diseases	95	96	95	92
Scouting for diseases was done by:				
Operator, partner, or family member	42	30	46	39
Farm supply or chemical dealer	53	42	47	38
Records kept to track pests	63	68	52	62
Soil/plant tissue analysis to detect pests	23	18	11	16
Weather monitoring	94	86	92	85
Pesticide applicator training	61	56	52	54
<b>Suppression Practices:</b>				
Biological pest controls	65	63	51	53
Biological pesticides	35	43	33	42
Beneficial organisms	13	11	5	6
Scouting used to make decisions	75	62	67	61
Maintain ground cover or physical barriers	67	70	68	64
Living mulch	66	51	60	55
Alternate pesticides with different MOA	94	76	91	75

<sup>1</sup>The 7 Program States consist of: California, Florida, Michigan, New York, North Carolina, Oregon, **Pennsylvania**, and Washington.



# Agricultural Chemical Usage, 2006

## Vegetables - Snap Beans, Sweet Corn, Pumpkins

By Adam W. Pike

The following displays statistics for on-farm use of commercial fertilizers, agricultural chemicals, and integrated pest management practices from producers of targeted vegetable crops. Chemical application rates listed by active ingredient are also featured in this publication. The agricultural chemical use estimates in this report focus on the acreage treated with herbicides, insecticides, fungicides, and other pesticides for selected vegetable crops. Information is provided from a survey funded by the USDA Pesticide Data Program that targeted 23 vegetable crops and 19 states. Pennsylvania was surveyed for 3 different vegetable crops: snap beans for processing, fresh market sweet corn, and pumpkins.

**Snap Beans, Processing:** Growers of processed snap beans applied nitrogen to 96 percent of the crop's acreage. Phosphate and Potash were both applied to 81 percent of the acreage, while 30 percent of the acreage received sulfur applications. Herbicide applications were reported on 95 percent of the surveyed acres. The herbicides used most were **EPTC**, applied to 39 percent of the acreage, **Trifluralin**, used on 38 percent of the acreage, and **S-Metolachlor**, applied to 35 percent of the acreage. Insecticides were applied to 73 percent of the acres. Insecticides commonly used included **Bifenthrin** on 40 percent of the acreage, followed by **Acephate** and **Zetacypermethrin**, at 16 and 11 percent coverage, respectively. Fungicides were applied to 53 percent of the acres. **Thiophanate-methyl**, used on 37 percent of the acres, was the most widely used fungicide.

**Corn, Sweet, Fresh:** Nitrogen was applied to 95 percent of the 2006 fresh market sweet corn acreage in the following Program States: California, Colorado, Florida, Georgia, Illinois, Michigan, New Jersey, New York, North Carolina, Ohio, Oregon, Pennsylvania, Texas, and Wisconsin. Phosphate, potash, and sulfur were applied to 91, 85, and 27 percent of the acreage, respectively. Herbicides were applied to 83 percent of the fresh market sweet corn acres. **Atrazine** was used on 71 percent of the acreage, followed by **S-Metolachlor** on 39 percent.

Insecticides were applied to 88 percent of the acreage; **Lambda-cyhalothrin**, applied to 52 percent of the acreage; and **Chlorpyrifos** and **Thiodicarb** which were both applied to 23 percent of the acreage. Fungicides were used on 20 percent of the acres. The most commonly used fungicides were **Mancozeb** and **Propiconazole**, both of which were applied to 11 percent of the acreage.

**Pumpkins:** Nitrogen was applied to 90 percent of the pumpkin acreage in the Program States: California, Illinois, Michigan, Ohio, and Pennsylvania. Phosphate, potash, and sulfur applications were made to 63, 85, and 13 percent of the acreage, respectively. Herbicides were applied to 75 percent of the acres planted to pumpkins, while insecticide and fungicide applications were made to 79 and 75 percent of the acres, respectively. Major herbicides used included **Clomazone**, applied to 60 percent of the acreage, followed by **Ethalfuralin**, applied to 25 percent of the acreage. The more commonly used insecticides were **Bifenthrin**, **Carbaryl**, and **Endosulfan**, covering 40, 18, and 16 percent of the acreage, respectively. **Chlorothalonil** was the most widely used fungicide and was applied on 48 percent of the acreage. **Copper hydroxide** was the most utilized fungicide, applied to 28 percent of the acreage, followed by **Azoxystrobin**, on 22 percent of the acreage.

Pennsylvania: Vegetable Crops – Planted Acreage, Pesticide, Percent of Area Receiving Applications and Total Applied, 2006

Crop	Planted Acreage	Area Receiving and Total Applied							
		Herbicide		Insecticide		Fungicide		Other	
	<i>Acres</i>	<i>Percent</i>	<i>1,000 lbs</i>	<i>Percent</i>	<i>1,000 lbs</i>	<i>Percent</i>	<i>1,000 lbs</i>	<i>Percent</i>	<i>1,000 lbs</i>
Snap Beans, Processed	10,900	93	19.7	89	2.1	41	2.9	( <sup>1</sup> )	
Sweet Corn, Fresh	20,200	95	77.3	73	10.6	22	0.6	( <sup>1</sup> )	
Pumpkins	8,500	87	16.7	90	7.7	90	30.4	( <sup>1</sup> )	

<sup>1</sup> Insufficient reports to publish data for pesticide class.



**Pennsylvania: Fertilizer Primary Nutrient Applications, 2006**

Primary Nutrient	Planted Acreage	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Acres</i>	<i>Percent</i>	<i>Number</i>	<i>Lbs per Acre</i>	<i>Lbs per Acre</i>	<i>1,000 lbs</i>
Snap Bean, Processed	10,900					
Nitrogen		98	5.9	28	164	1,755.6
Phosphate		98	6.6	39	258	2,766.3
Potash		98	5.7	43	248	2,655.7
Sulfur		36	5.0	10	48	188.9
Sweet Corn, Fresh	20,200					
Nitrogen		99	9.1	46	418	8,321.8
Phosphate		92	6.5	54	348	6,486.5
Potash		93	6.5	39	250	4,665.9
Sulfur		6	5.8	12	67	78.4
Pumpkins	8,500					
Nitrogen		88	6.4	65	413	3,085.0
Phosphate		82	5.9	68	402	2,799.9
Potash		84	5.9	68	398	2,832.7
Sulfur		4	5.0	8	40	14.2

**Pennsylvania: Snap Beans, Processed – Agricultural Chemical Applications, 2006 <sup>1</sup>**

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per Acre</i>	<i>Pounds per Acre</i>	<i>1,000 lbs</i>
Herbicides					
Bentazon	13	1.0	0.539	0.539	0.7
Fomesafen	13	1.2	0.255	0.297	0.4
Glyphosate iso. salt	45	1.0	1.058	1.086	5.3
Halosulfuron	59	1.0	0.029	0.029	0.2
S-Metolachlor	88	1.0	1.023	1.071	10.2
Sethoxydim	5	1.3	0.338	0.443	0.3
Insecticides					
Acephate	21	1.1	0.591	0.629	1.5
Bifenthrin	28	1.0	0.062	0.064	0.2
Fungicides					
Boscalid	22	1.0	0.313	0.320	0.8

<sup>1</sup> Planted acreage in 2006 for Pennsylvania was 10,900 acres.

**Pennsylvania: Sweet Corn, Fresh – Agricultural Chemical Applications, 2006 <sup>1</sup>**

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per Acre</i>	<i>Pounds per Acre</i>	<i>1,000 lbs</i>
Herbicides					
2, 4-D, dimeth. Salt	2	1.0	0.505	0.505	0.2
Atrazine	70	1.1	1.524	1.666	23.4
Bentazon	2	1.0	0.654	0.654	0.3
Carfentrazone-ethyl	4	1.0	0.008	0.008	( <sup>2</sup> )
Glyphosate iso. salt	6	1.0	1.105	1.105	1.4
Halosulfuron	3	1.0	0.028	0.028	( <sup>2</sup> )
Mesotrione	25	1.0	0.121	0.121	0.6
Pendimethalin	37	1.0	1.603	1.609	12.1
S-Metochlor	62	1.7	1.815	2.998	37.4

Table continued on next page.

**Pennsylvania: Sweet Corn, Fresh – Agricultural Chemical Applications, 2006<sup>1</sup> (continued)**

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per Acre</i>	<i>Pounds per Acre</i>	<i>1,000 lbs</i>
<b>Insecticides</b>					
Chlorpyrifos	5	1.6	0.715	1.147	1.2
Cyfluthrin	11	1.8	0.022	0.039	0.1
Endosulfan	4	1.2	0.870	1.081	0.8
Esfenvalerate	5	1.1	0.039	0.044	( <sup>2</sup> )
Lambda-cyhalothrin	56	2.5	0.027	0.068	0.8
Methomyl	20	2.2	0.381	0.831	3.3
Permethrin	9	1.8	0.131	0.239	0.4
Tebupirimphos	7	1.0	0.183	0.183	0.3
Tefluthrin	2	1.0	0.031	0.032	( <sup>2</sup> )
Thiodicarb	7	1.7	0.620	1.044	1.5
Zeta-cypermethrin	2	2.9	0.024	0.071	( <sup>2</sup> )
<b>Fungicides</b>					
Propiconazole	17	1.0	0.082	0.082	0.3

<sup>1</sup> Planted acreage in 2006 for Pennsylvania was 20,200 acres

<sup>2</sup> Total applied is less than 50 lbs.

**Pennsylvania: Pumpkins – Agricultural Chemical Applications, 2006<sup>1</sup>**

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per Acre</i>	<i>Pounds per Acre</i>	<i>1,000 lbs</i>
<b>Herbicides</b>					
Clethodim	5	1.0	0.101	0.101	( <sup>2</sup> )
Clomazone	78	1.0	0.349	0.350	2.3
Ethalfuralin	65	1.0	0.783	0.784	4.4
Glyphosate iso. salt	52	1.0	1.428	1.480	6.6
Halosulfuron	15	1.1	0.034	0.037	( <sup>2</sup> )
S-Metolachlor	10	2.4	1.032	2.455	2.1
<b>Insecticides</b>					
Bifenthrin	49	2.0	0.049	0.096	0.4
Endosulfan	59	1.1	0.752	0.855	4.3
Esfenvalerate	5	1.9	0.035	0.067	( <sup>2</sup> )
Imidacloprid	11	1.1	0.134	0.149	0.1
Lambda-cyhalothrin	11	2.1	0.024	0.050	( <sup>2</sup> )
Methomyl	12	2.2	0.395	0.879	0.9
Permethrin	7	2.9	0.157	0.456	0.3
<b>Fungicides</b>					
Azoxystrobin	16	1.5	0.153	0.234	0.3
Boscalid	52	1.1	0.015	0.017	0.1
Chlorothalonil	83	1.8	1.434	2.586	18.2
Copper hydroxide	14	1.6	0.599	0.936	1.1
Copper resinate	5	2.9	0.061	0.176	0.1
Cymoxanil	9	2.1	0.102	0.215	0.2
Famoxadone	9	2.1	0.098	0.205	0.2
Mancozeb	15	1.5	1.587	2.420	3.1
Maneb	4	1.0	1.535	1.565	0.5
Mefenoxam	4	1.5	0.839	1.269	0.4
Myclobutanil	13	2.1	0.101	0.217	0.2
Pyraclostrobin	55	2.1	0.072	0.149	0.7

<sup>1</sup> Planted acreage in 2006 for Pennsylvania was 8,500 acres.

<sup>2</sup> Total applied is less than 50 lbs.

**Pest Management Practices – Percent of Farms & Percent of Acres  
Utilizing Practice, Vegetables, 2006**

Practice	Percent of Farms Utilizing Practice		Percent of Acres Utilizing Practice	
	PA	Program States <sup>1</sup> 2006	PA	Program States <sup>1</sup> 2006
<b>Prevention Practices:</b>				
No-till or minimum till used to manage pests	35	25	48	28
Remove or plow down crop residue	66	63	68	71
Clean implements after field work	47	55	60	68
Field cultivated for weed control	56	70	43	76
Field edges/etc. chopped, mowed/etc.	61	59	56	72
Water management practices	28	42	39	52
<b>Avoidance Practices:</b>				
Adjust planting/harvesting dates	18	18	15	26
Rotate crops to control pests	87	79	89	81
Planting locations planned to avoid pests	48	35	54	37
Grow trap crop to control insects	4	5	8	8
Crop variety chosen for pest resistance	48	37	51	43
<b>Monitoring Practices:</b>				
Scouting by general observation	69	72	74	87
Deliberate scouting activities	27	23	24	10
Field was not scouted	4	5	2	3
Established scouting process/insect trap used	30	37	40	60
Scouting due to pest advisory warning	24	16	24	23
Scouting due to pest development model	25	17	27	25
Scouted for weeds	93	91	97	94
Scouting for weeds was done by:				
Operator, partner, or family member	87	73	74	40
An employee	2	3	2	9
Farm supply or chemical dealer	4	6	10	15
Indep. crop consultant or comm.. scout	6	8	15	25
Other	1	10	( <sup>2</sup> )	10
Scouted for insects and mites	93	93	95	97
Scouting for insects or mites was done by:				
Operator, partner, or family member	85	65	72	31
An employee	2	3	2	9
Farm supply or chemical dealer	4	8	10	17
Indep. crop consultant or comm.. scout	8	10	16	29
Other	1	14	( <sup>2</sup> )	14
Scouted diseases	87	90	85	96
Scouting for diseases was done by:				
Operator, partner, or family member	85	66	69	31
An employee	2	3	2	8
Farm supply or chemical dealer	5	8	12	17
Indep. crop consultant or comm.. scout	8	10	17	30
Other	1	14	( <sup>2</sup> )	14
Records kept to track pests	30	37	38	62
Field mapping of pest problem	13	17	26	35
Soil/plant tissue analysis to detect pests	9	16	15	45
Weather monitoring	74	59	81	78
Biological pest controls	8	7	7	15
<b>Suppression Practices:</b>				
Biological pesticides	8	10	5	28
Beneficial organisms	1	6	1	11
Scouting used to make decisions	30	35	38	53
Maintain ground cover or physical barriers	61	43	75	45
Adjusted planting methods	20	24	23	23
Alternate pesticide with different MOA	51	36	49	63

<sup>1</sup> The 19 Program States include Arizona, California, Colorado, Florida, Georgia, Illinois, Michigan, Minnesota, New Jersey, New York, North Carolina, Ohio, Oregon, **Pennsylvania**, South Carolina, Tennessee, Texas, Washington, and Wisconsin. <sup>2</sup> Percentage is less than 0.5.

# Agricultural Chemical Usage 2007 Nursery & Floriculture

By Pamela K. Kanagy

(for the complete report, search on the keywords 'agricultural chemical usage' at [www.nass.usda.gov](http://www.nass.usda.gov))

This report is the third chemical use survey issued by the National Agricultural Statistics Service on nursery and floriculture crops. The publication is part of a series on "Agricultural Chemical Usage", which also provides statistics for on-farm chemical usage for field crops, fruits, livestock, and vegetables. The last chemical use survey for nursery and floriculture crops was published in 2003 for the 2002 production year. NASS collects on-farm chemical use data to enhance the quality of information used in the evaluation of issues related to agricultural chemicals. Pest management data are used to measure Integrated Pest Management (IPM) adoption levels and evaluate the impact of alternative pesticide regulations, policies, and practices. This report includes all chemical use in calendar year 2006 related to the production of nursery and floriculture crops in 6 major producing states: California, Florida, Michigan, Oregon, Pennsylvania, and Texas. There were 1,908 reports (201,631 chemical applications) summarized for the 2006 Nursery and Floriculture Chemical Use Survey.

**Chemical Use Highlights:** There were 374 active ingredients reported as being used by nursery and floriculture operations in the 6 Program States in 2006. A total of 5.59 million pounds of active ingredient, up 17 percent from 4.77 million in 2003, was applied in the Program States: California, Florida, Michigan, Oregon, Pennsylvania, and Texas. Fungicides accounted for 34 percent (1.89 million pounds) of the total chemicals applied. Insecticides - 18 percent (988,600 pounds); herbicides - 17 percent (984 thousand pounds); and other chemicals (growth regulators, rooting compounds, fumigants, disinfectants, etc.) accounted for 31 percent (1.78 million pounds) of the total.

The most commonly used pesticide by percent of operations within the production categories were as follows:

**All Nursery:** Herbicides, Simazine - 23 percent; insecticides, Carbaryl - 32 percent; Fungicides, Chlorothalonil - 63 percent; and Other Chemicals, Hydrogen peroxide and Pelargonic acid - 1 percent.

**Transplants for Commercial Vegetable and Strawberry Production:** Herbicides, Glyphosate, Atrazine and S-Metolachor - 37 percent; Insecticides, Imidacloprid and Potassium salts, - 44 percent; Fungicides, Chlorothalomil - 56 percent; and Other Chemicals, Chlormequat chloride, Daminozide, Ethepon and Paclobutrazol - 5 percent.

**Nursery Propagation or Lining-out Stock:** Herbicides, Glyphosate - 33 percent; Insecticides, Chlorfenapyr - 23 percent; Fungicides, Thiophanate - 7 percent.

**Broadleaf Evergreens:** Herbicides, Isoxaben - 82 percent; Insecticides, Acephate - 14 percent; Fungicides, Azoxystrobin, Chlorothalomil, Copper hydroxide, Copper sulfate, Fosetyl-al, Mancozeb, Phosphorous acid, Propiconazole, Thiophanate, Thionphanate-methyl - 2 percent; and Other Chemicals, Hydrogen peroxide - 2 percent.

**Coniferous Evergreens:** Herbicides, Glyphosate - 52 percent; Insecticides, Chlorpyrifos - 40 percent; and Fungicides, Chlorothalonil - 45 percent.

**Christmas Trees:** Herbicides, Glyphosate - 64 percent; Insecticides, Dimethoate - 43 percent; Fungicides, Chlorothalonil - 95 percent.

**All Floriculture:** Herbicides, Glyphosate iso. salt - 6 percent; Insecticides, Imidacloprid - 51 percent; Fungicides, Etridiazole - 32 percent; and Other Chemicals, Ethepon - 26 percent.

**Cut Flowers:** Herbicides, Glyphosate iso. salt, Isoxaben, Trifluralin - 28 percent; Insecticides, Diazinon - 35 percent; Fungicides, Chlorothalonil and Mancozeb - 40 percent; and Other Chemicals, Daminozide - 20 percent.

**Flowering Plants:** Herbicides, Glyphosate iso. salt - 5 percent; Insecticides, Imidacloprid - 40 percent; Fungicides, Etridiazole - 26 percent; and Other Chemicals, Ethepon - 31 percent.

**Bedding Plants:** Herbicides, Glyphosate iso. salt - 4 percent; Insecticides, Imidacloprid - 41 percent, Spinosad - 42 percent; Fungicides, Etridiazole - 30 percent; and Other Chemicals, Ethepon - 23 percent.

**Floriculture Propagation Material:** Insecticides, Cyfluthrin - 20 percent; Fungicides, Fenhexamid - 53 percent; and Other Chemicals, Ethepon - 44 percent.



**Pennsylvania: Nursery - Number of Operations by Gross Value of Sales, 2006**

\$10,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$1,999,999	\$2,000,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 or more	Total Operations
351	71	31	19	11	11	4	-	498

**Pennsylvania: Floriculture - Number of Operations by Gross Value of Sales, 2006**

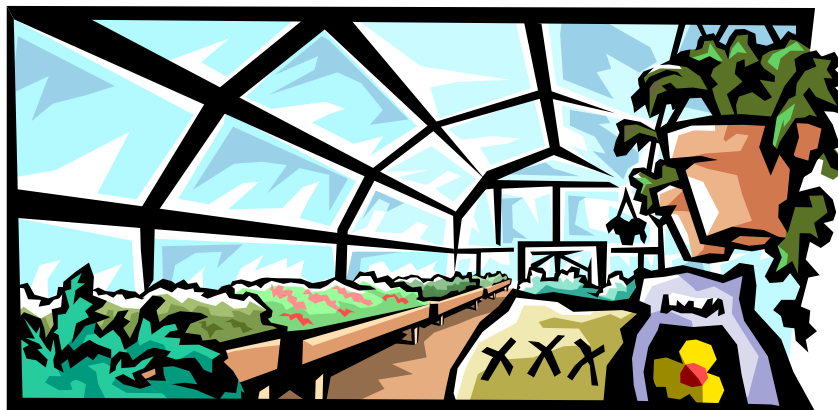
\$10,000 to \$19,999	\$20,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$499,999	\$500,000 or more	Total	Expanded Wholesale Value <sup>1</sup>
91	128	50	244	165	52	730	170,706

<sup>1</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales or growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

**Pennsylvania: Active Ingredient - Total Applied by Production Category and Pesticide Class, 2006 <sup>1</sup>**

Pesticide Class	Pesticide Class					
	All Nursery and Floriculture	All Nursery	Nursery Propagation or Lining-out Stock	Broadleaf Evergreens	Coniferous Evergreens	Deciduous Shade Trees
	<i>1,000 Pounds</i>					
Herbicides	42.3	40.6	0.8	0.1	14.3	2.5
Insecticides	52.8	51.5	0.2	0.3	6.1	9.2
Fungicides	33.3	31.3	0.5	0.4	7.0	0.1
Other Chemicals	2.4	0.4	--	*	--	*
<b>All</b>	<b>130.8</b>	<b>123.8</b>	<b>1.4</b>	<b>0.8</b>	<b>27.4</b>	<b>11.9</b>
Pesticide Class	Pesticide Class					
	Deciduous Flowering Trees	Deciduous Shrubs	Fruit and Nut Plants	Christmas Trees	All Floriculture	Cut Flowers
	<i>1,000 Pounds</i>					
Herbicides	3.3	3.8	-	14.3	1.7	*
Insecticides	1.7	1.4	*	32.0	1.2	*
Fungicides	0.1	0.1	*	21.9	2.1	0.3
Other Chemicals	--	0.3	--	--	2.0	*
<b>All</b>	<b>5.1</b>	<b>5.6</b>	<b>*</b>	<b>68.2</b>	<b>7.0</b>	<b>0.4</b>
Pesticide Class	Pesticide Class					
	Flowering Plants	Bedding Plants	Foliage Plants	Floriculture Propagation Material	Herbaceous Perennials	Non-production Areas
	<i>1,000 Pounds</i>					
Herbicides	0.1	1.2	0.4	--	*	2.1
Insecticides	0.2	0.5	0.1	*	0.3	*
Fungicides	0.5	1.0	0.1	*	0.2	*
Other Chemicals	0.2	1.5	*	0.3	--	*
<b>All</b>	<b>0.9</b>	<b>4.2</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>2.1</b>

\* Totals applied are less than 50 pounds. <sup>1</sup> May not add due to rounding.



# Agricultural Chemical Usage

## 2006 Dairy Cattle & Dairy Facilities

By Adam W. Pike

The agricultural chemical use estimates in this report are based on data compiled from the 2007 General Dairy Management Survey. This survey was a cooperative project between the National Agricultural Statistics Service (NASS) and the National Animal Health Monitoring System within the Animal and Plant Health Inspection Service (APHIS). The 17 Program States in the survey account for approximately 91 percent of the milk cow inventory in the United States, based on the January 2007 Milk Production release published by the United States Department of Agriculture's National Agricultural Statistics Service (USDA-NASS). This report provides insecticide use information during 2006 on dairy cattle and dairy facilities in the following States: California, Idaho, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, New Mexico, New York, Ohio, Pennsylvania, Texas, Vermont, Virginia, Washington, and Wisconsin.

### - Highlights -

**Dairy Cattle:** Agricultural producers applied a total of 174,000 pounds of insecticides to dairy cattle during 2006 in the 17 States surveyed. The insecticides most commonly used on dairy cattle during 2006 were Piperonyl butoxide, at 44,800 pounds, followed by Permethrin, at 42,300 pounds. Tetrachlorvinphos (Z-isomer) was the third most commonly used active ingredient, with 37,600 total pounds used during 2006 in the States surveyed. These three active ingredients accounted for 72 percent of the total pounds of active ingredients applied to dairy cattle. Of the total chemical applications made to dairy cattle during 2006 in the 17 selected States, 58 percent were made as pour-on applications, 28 percent were made using a sprayer, and 4 percent used dust bags or hand dusters. Ear tags, rubbing devices, and various other methods of application accounted for the remaining 10 percent of applications made to dairy cattle. Of the total chemical applications made to dairy cattle during 2006 in the 17 Program States, 59 percent of the applications were to control flies, 23 percent for lice, and 9 percent were for mange/mites. All other pests accounted for the remaining 9 percent.

**Piperonyl butoxide** – PBO-8 (EC), Pyrenone 25-5 Pyrethrins 5% Spray, Pyrocide fogging Concentrate, Pyrenone General Purpose, DeLice Pour-On (Synergized), Purina Insecticide Mist, Purina Fly-A-Rest, Permethrin Plus, Python Ear Tags, Excalibur Ear Tag, Saber Extra Ear Tag, Farnam Wipe Citronella Spray II, Dy Fly Dairy Aerosol, LD-44Z Farm Insect Fogger, Heartland Farm and Dairy Insecticide, Farnam Wipe Fly Repellent, Cutter Blue Ear Tag, Permethrin CD Pour-On (aka Buzz Off), Repel-X RTU, CB-80 Insecticide, Fly Spray (generic), CB- 38 Insecticide, CB Farm Dairy Insect Fogger, C-Em-Die, Py-Vona Stock Fly Spray, Max-Con Ear Tags, CB-40 Insecticide, CT 511, Pyrethrin Plus Spray with Vapona, C-Em-Die II, Tox-OWik Insecticide, Prozap VIP Insect Spray, Synergized Pour-On, Genie Fogger X Insect Killer, Dairy Cattle Spray, Moorman's Fly Spray, Pyrenone Multi-Purpose Knockout Spray, CV-80D Country Vet Farm & Dairy Spray, CV-40 Country Vet Farm & Home Insecticide, Back Side Plus, Kent/ Opticare Dairy Aerosol, Ultra Boss Pour-On Dairy Aerosol, Ultra Boss Pour-On Insecticide, Revenge Farm & Home Fly Bomb Insect Fogger, Super Kill IBA aka Livestock Fogging Spray, CB Purge I Timed Mist, Konk Too Flying Insect Killer, Fly-A-Rest Aerosol II, Dairy Aerosol Insect Spray, Durasect II, Cessco 7 C, Dy-Fly I Livestock Spray, Heartland Auto-Mist 3 Insect Killer, CT-75 Aerosol Insecticide, Fly Foil Spray

**Permethrin** - Arctic 3.2 EC, Permethrin 3.2 EC, Evercide Permethrin Permethrin 10% EC, Permethrin 10 EWC, Atroban (1% EC, Atroban 25% WP, DeLice Pour-On, Delice Pour-On (Synergized), Ectiban D (25%), Ectiban EC, Ectiban WP (25%), Expar 11EC, Expar 1%, Hard Hitter 5.7% EC, Insectaban EC, Insectrin EC, Insectrin WP (25%), GardStar Plus Ear Tags, New Z Permethrin Ear Tag, Permethrin Fly and Louse Dust, Permethrin II 10% EC, Permethrin 25% WP, Permethrin Plus, Durasect, Brute Pour-on for Cattle, Permethrin CD Pour-On(aka Buzz Off), Repel-X RTU, Permethrin 20 MEC Spray, 5% Permethrin Pour-on, 0.25% Permethrin Dust, Raid Wasp and Hornet Killer 13, Synergized Pour-On, Unicom Backup Pour-On, Atroban 42.5% EC, Gardstar 40% EC, Genie Fogger X Insect Killer, MEC Permethrin Premise Spray, Back Side, Boss Pour-

On, Backrubber Oil, Dragnet, Permethrin Insecticide Spray, Zema 35-Day Dip, Permethrin 10% WB Multipurpose Concentration, CT Backrubber Oil, Back Side Plus, Ultra Boss Pour-On Insecticide, Kattleguard 1% Permethrin Insecticide, Permethrin Livestock & Premise Spray, Hard Hitter 5.7% Insecticide, Prozap Insectrin Dust, Durasect II, Permethrin 3.2 SFR

**Tetrachlorvinphos (Z-isomer)** - Rabon 3 Livestock Dust, Ravap Livestock Spray EC, Oral Larvacide 97.3%, Rabon 7.76 Oral Larvacide Premix, Mineral Block w/ Rabon

**Dairy Facilities:** In the 17 Program States surveyed, a total of 149,100 pounds of insecticide were applied to dairy cattle facilities in 2006. Imidacloprid had the highest total quantity used at 27,500 pounds. Cyfluthrin had the second highest quantity used at 25,300 pounds followed by Piperonyl butoxide at 22,700 pounds. These three active ingredients accounted for 51 percent of the total pounds of active ingredients applied to dairy cattle facilities. Of the total chemical applications made to dairy facilities in the 17 Program States in 2006, 24 percent were made to the milking parlor, 18 percent were made to tie stall/stanchion, 17 percent were made to freestall barns, 13 percent to calf hutches, and 9 percent to individual or multi-pen.

**Imidacloprid** – QuickBayt Fly Bait

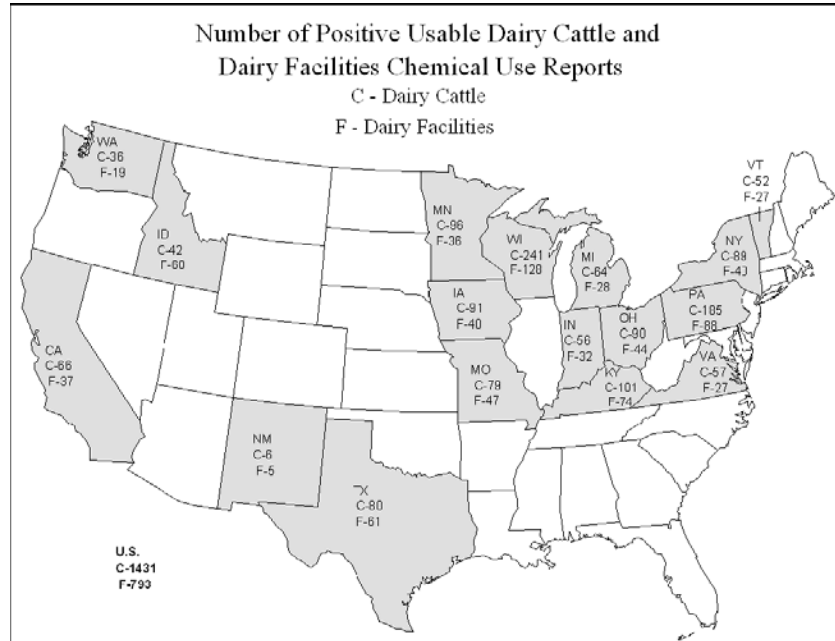
**Cyfluthrin** – Tempo 20 WP, Countdown WP Premise Insecticide, Tempo2, Temp 2% Dust, Countdown EC Premise, Temp SC Ultra, CyLence Pour-On, Prozap CyLence Animal Insecticide Dust

**Piperonyl butoxide** (previously mentioned)

Dairy Cattle & Dairy Cattle Facilities: Agricultural Chemical Use  
Total Amount Applied, Program States and Total, 2006

State	Total Applied	
	Cattle	Facilities
	1,000 Pounds	1,000 Pounds
CA	10.0	7.4
ID	6.7	8.1
IN	8.8	7.8
IA	5.3	14.8
KY	2.2	1.3
MI	4.9	2.9
MN	10.8	12.5
MO	3.9	7.0
NM	9.1	0.3
NY	7.9	10.2
OH	5.2	1.6
<b>PA</b>	<b>14.8</b>	<b>16.0</b>
TX	19.7	34.8
VT	20.1	1.0
VA	10.8	1.0
WA	8.8	1.9
WI	24.9	20.5
<b>Total</b>	<b>174.0</b>	<b>149.1</b>

In the 17 States surveyed, there were 1,431 reports summarized for chemicals applied directly to dairy cattle and 793 reports summarized for chemicals applied to dairy facilities.



Dairy Cattle: Agricultural Chemical Use Pennsylvania, 2006

Agricultural Chemical	Rate per Head per Application Grams	Rate Per Head per Year Grams	Total Applied 1,000 Pounds
Insecticides:			
Coumaphos	( <sup>1</sup> )	0.3	*
Cyfluthrin	0.2	0.7	0.1
Dichlorvos	0.1	0.9	0.1
Eprinomectin	7.4	11.8	1.9
Moxidectin	0.4	0.6	0.1
Permethrin	1.8	8.7	3.6
Piperonyl butoxide	0.3	4.2	1.1
Pyrethrins	0.1	0.9	0.2
Tetrachlorvinphos (Z-isomer)	5.5	240.6	7.7

Table represents only those states data was collected for.

\* Total applied less than 50 pounds

<sup>1</sup> Rate per head less than .05 grams

Dairy Cattle Facilities: Agricultural Chemical Use, Pennsylvania, 2006

Agricultural Chemical	Total Applied 1,000 Pounds
Insecticides:	
Cyfluthrin	0.1
Dichlorvos	0.1
Dimethoate	1.5
Esfenvalerate	3.5
Imidacloprid	0.3
Lambda-cyhalothrin	3.0
Methomyl	0.1
Octacide-264	*
Permethrin	1.2
Piperonyl butoxide	1.8
Pyrethrins	*
Pyriproxyfen	*
Tricosene	0.1

Table represents only those states data was collected for.

\* Total applied less than 50 pounds

# Agricultural Chemical Usage

## 2006 Swine & Swine Facilities

By Adam W. Pike

The agricultural chemical use estimates in this report are based on data compiled from a survey conducted in the summer of 2006 in 17 Program States, which contain approximately 94 percent of the U.S. hog inventory. The Program States are the 17 States published individually in the *Quarterly Hogs and Pigs* report: Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, **Pennsylvania**, South Dakota, Texas, and Wisconsin. This report provides insecticide use information on the swine sector of agriculture. All data refer to the on-farm use of active ingredients contained in insecticides applied during the 2005 calendar year.

### - Highlight -

**Swine:** Agricultural producers applied 22,856 pounds of insecticides to hogs and pigs in the 17 Program States in 2005. Phosmet, at 12,154 pounds, was the top active ingredient used on swine with respect to total quantity used, followed by Malathion at 5,415 pounds, and Tetrachlorvinphos (Z-isomer) at 3,224 pounds. These three active ingredients accounted for 91 percent of the total pounds of active ingredients applied to swine in the 17 Program States in 2005. Of the total chemical applications made to swine in 2005 in the 17 Program States, 45 percent were applied by spray, 25 percent by injection, 10 percent through feed additives, 15 percent as pour-on, and 2 percent by dust bag. All other methods accounted for the remaining 3 percent of the chemical applications. Of the total chemical applications made to swine in 2005 in the 17 Program States, 53 percent were for mange/mites, 27 percent for lice, and 10 percent for flies. All other pests accounted for the remaining 10 percent.

**Phosmet** – Prolate / Lintox-HD, Prolate 1-E

**Malathion** – Malathion ULV 9.7lbs. (95%), Malathion 5 Dust, Malathion 8E, Malathion 5 EC (57%), 4% Malathion Powder Insecticide

**Tetrachlorvinphos (Z-isomer)** – Rabon 50 WP, Rabon 3 Livestock Dust, Ravap Livestock Spray EC, Rabon 7.76 Oral Larvacide Premix

**Swine Facilities:** In the 17 Program States, a total of 12,925 pounds of insecticides were applied to hog and pig facilities in 2005. Malathion had the highest quantity used at 4,073 pounds. Cyfluthrin had the second highest quantity used at 2,361 pounds followed by Imidacloprid at 1,753 pounds. Of the total chemical applications to hog facilities in the 17 Program States in 2005, 75 percent were applied to total confinement buildings, 13 percent to open buildings with no outside access, and 10 percent to open buildings with outside access. All other buildings accounted for 2 percent of the chemical applications.

**Malathion** (previously mentioned)

**Cyfluthrin** – Countdown WP Premise Insecticide, Countdown EC Premise, CyLence Pour-On, Duraplex TR, Tempo (1%) Dust, Tempo 2, Tempo 20 WP Demon EC, Viper Insecticide Concentrate

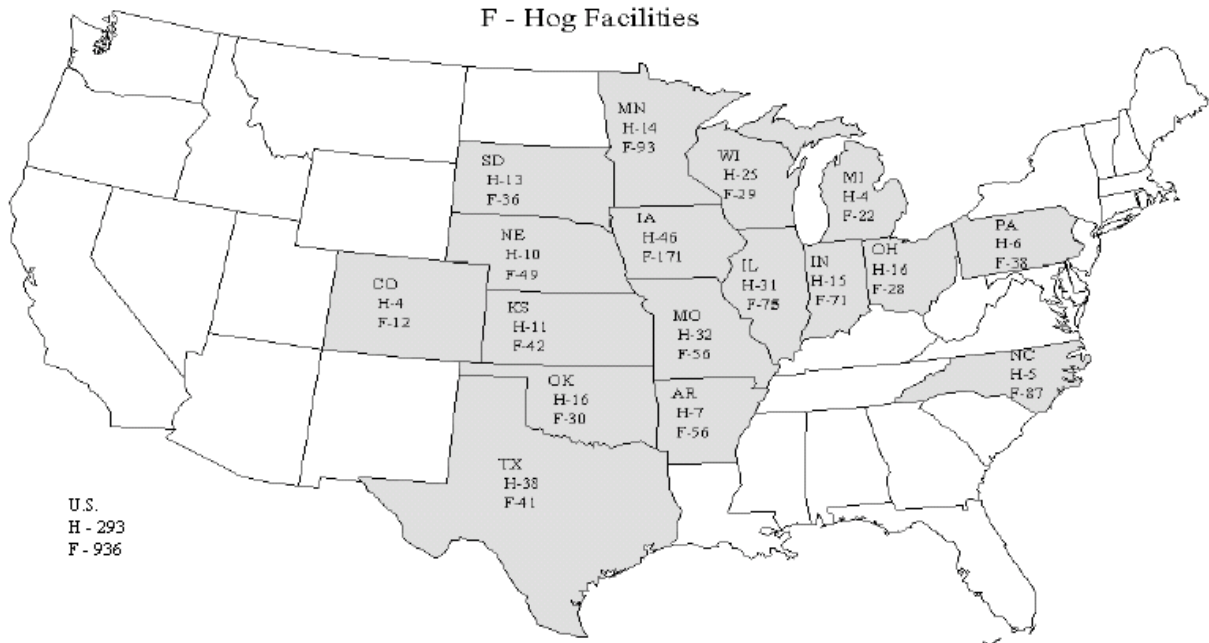
**Imidacloprid** – QuickBayt Fly Bait

In the 17 States surveyed, there were 293 reports summarized for chemicals applied directly to the swine and 936 reports summarized for chemicals applied to swine facilities.

### Number of Positive Usable Swine and Swine Facilities Chemical Use Reports

H - Hogs and Pigs

F - Hog Facilities





**All Swine: Agricultural Chemical Applications, All Program States, 2005**

Agricultural Chemicals	Rate per Application	Rate per Market Year	Total Applied
	<i>Grams per head</i>	<i>Grams per head</i>	<i>Pounds</i>
Insecticides:			
Amitraz	0.751	2.344	637
Carbaryl	*	*	*
Coumaphos	*	*	*
Cyfluthrin	*	*	*
Dichlorvos	*	*	*
Dormectin	0.012	0.013	6
Ivermectin	0.027	0.034	81
Malathion	6.192	22.537	5,415
Methomyl	*	*	*
Permethrin	0.401	1.184	929
Phosmet	1.961	5.026	12,154
Piperonyl butoxide	0.037	0.426	162
Pyrethrins	0.005	0.057	20
Sulfur	*	*	*
Tetrachlorvinphos (Z-isomer)	0.262	1.512	3,224
Tricosene	*	*	*
<b>Total Insecticides</b>	<b>NA</b>	<b>NA</b>	<b>22,856</b>

Table represents only those states data was collected for. \* Insufficient number of reports to publish data.

**All Swine Facilities: Agricultural Chemical Applications, All Program States, 2005**

Agricultural Chemicals	Total Applied
	<i>Pounds</i>
Insecticides:	
Abamectin	*
Acephate	*
Butoxypolypropylene glycol	*
Carbaryl	41
Chlorpyrifos	*
Coumaphos	*
Cyfluthrin	2,361
Cypermethrin	*
Diazinon	1,702
Dichlorvos	128
Dioxathion	*
Doramectin	*
Fenvalerate	*
Imidacloprid	1.753
Lambda-cyhalothrin	5
Malathion	4,073
Methomyl	435
Naled	*
Octacide-264	*
Permethrin	910
Phosmet	102
Piperonyl butoxide	528
Pyrethrins	81
Pyriproxyfen	*
Tetrachlorvinphos (Z-isomer)	101
Tetramethrin	1
Tricosene	370
<b>Total Insecticides</b>	<b>12,925</b>

Table represents only those states data was collected for. \* Insufficient number of reports to publish data.

# 2006 Farm and Ranch Safety

By Pamela K. Kanagy

There were an estimated 2.5 million tractors in use on farms in the United States (U.S.) that were equipped with Roll-Over Protective (ROPS) in 2006. This represented 59 percent of the tractors used on U.S. farms. This finding was based on a random telephone survey of 25,000 farm operations conducted by the National Agricultural Statistics Service (NASS) for the National Institute for Occupational Safety and Health (NIOSH), an agency of the Centers for Disease Control and Prevention. Farm operators were asked questions about farm tractors and other safety and health issues associated with their farm in 2006. These issues ranged from questions about tractors and other machinery used on their operations in 2006 to the use of hearing protection and other protective equipment used by farm operators while working on their farms.

Farms or ranches located in the South region (see table 1) of the U.S. reported the highest percentage of tractors with ROPS protection (65 percent), followed by the West, which reported 60 percent of their tractors being protected by a ROPS, and the Midwest with 56 percent of tractors having a ROPS. The lowest use of ROPS was found in the Northeast at 51 percent. ROPS represent the best available protection to tractor operators from serious or fatal injuries in the event of a tractor overturn. There were an estimated 6,700 tractor rollovers in the U.S. between September of 2005 and September of 2006 based on this study. The majority of these overturn events (4,200) involved tractors with no ROPS.

About 900,000 operators had all-terrain vehicles (ATVs) on their operations, for a total of 1.2 million ATVs, with the majority of the ATVs (1.1 million) being used for farm work tasks at least some of the time by the farm operator. For other farm machinery, the study asked farm operators about the presence of guards and shields on the implements. For power take-off driveline shields, farm operators reported that 93 percent of hay balers on their farming operations in 2006 had the shield in place. For brush-cutting mowers, 86 percent were reported to have the PTO driveline shield in place, while 84 percent of sickle bar-type mowers were reported to have these shields.

Only 40,000 operators were estimated to have manure pits on their operation in 2006, accounting for 57,000 manure pits in total. Of the farm operators with manure pits, 63 percent reported never entering the pits during the 12-month period prior to this study, while 19 percent reported entering the pit 1-5 times, with 19 percent stating they entered their pit 6 or more times in the previous 12 months. About 60 percent of the manure pit openings were

covered with grates, concrete lids, or some other type of guarding. Only 35 percent of the manure pits were reported to be equipped with powered ventilation systems.

For farm structures, the survey estimated 430,000 operators used tower silos on their farms. These farms accounted for 1.5 million silos, for an average of 3.4 silos per operation. About 90,000 of these tower silos were the oxygen-limiting type. Nearly 1.1 million (75 percent) of the silos had permanent external ladders attached to them; however, only 360,000 (33 percent) had restricted access (padlock on the ladder entry or pull down ladder system to enter the ladder cage) to these attached ladders. Enclosed cage system ladders comprised 22 percent (250,000) of the total attached ladders.

Nearly 980,000 farming operations had underground power lines. Of these operations, about one-third (320,000) reported all of their power lines were underground. An additional 30 percent (290,000) reported that around half of their power lines were underground, with the remaining farms (37 percent) reporting less than half of their power lines being underground.

Portable PTO-driven grain augers have been identified as serious hazards due to both contact with overhead power lines and for PTO and chute guarding issues.

Operators on 270,000 farms reported having 420,000 portable PTO-driven grain augers. The average auger height when fully extended was 41 feet, with the highest auger height reported of 120 feet. About 40 percent of all augers were 20-39 feet; 26 percent between 40-59 feet; 24 percent 60 feet or higher; and 10 percent less than 20 feet in height. Farm operators reported that 92 percent of the augers had the intake chute guard and 92 percent had the PTO shaft driveline guard.

On questions related to personal protective equipment use, only 37 percent (780,000) of the operators reported using a respirator or dust mask on their operations during the 12-month period prior to this study. The most common reason given for using a respirator or dust mask was for working in dusty environments (550,000 positive responses). With regards to noise exposure, 1.3 million (64 percent) farm operators reported working around loud noise on their operation at some point during the 12 months prior to the study. Of these operators self-reporting exposure to loud noise, 880,000 (66 percent) responded that they wore ear plugs or ear muffs at least some of the time while working in these noisy environments.

**Table 1 - 2006 Farm and Ranch Safety Survey**

Region <sup>2</sup>	Tractors			ATVs	Manure Pits	Tower Silos	Underground Power Lines
	Total	ROPS	% ROPS				
Northeast	302,000	155,000	51	57,000	6,000	54,000	47,000
South	1,432,000	932,000	65	478,000	8,000	198,000	327,000
Midwest	1,970,000	1,099,000	56	480,000	38,000	1,067,000	456,000
West	532,000	319,000	60	220,000	6,000	142,000	151,000
<b>U.S.</b>	<b>4,236,000</b>	<b>2,505,000</b>	<b>59</b>	<b>1,236,000<sup>1</sup></b>	<b>57,000<sup>1</sup></b>	<b>1,463,000<sup>1</sup></b>	<b>980,000<sup>1</sup></b>

<sup>1</sup> Estimates do not add to total due to rounding.

<sup>2</sup> Northeast CT, ME, MA, NH, NJ, NY, PA, RI, and VT.  
 South AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV.  
 Midwest IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, and WI.  
 West AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, and WY.

# What is 'Ag Statistics' All About?

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***Our mission is to provide timely, accurate and useful statistics in service to Pennsylvania and U.S. agriculture.***

**The Pennsylvania Field Office of the National Agricultural Statistics Service (NASS-PA)** is a joint federal/state office of *USDA's National Agricultural Statistics Service (NASS)* and the *Pennsylvania Department of Agriculture (PDA)*. The office is funded and staffed by both federal and state resources. This cooperative arrangement is much more efficient than operating separate and duplicate federal and state agencies to measure Pennsylvania agriculture. Their mission is to provide timely, accurate and useful statistics in service to Pennsylvania and U.S. agriculture.

**USDA's National Agricultural Statistics Service (NASS)** is a network of 46 field offices (including the Harrisburg office), serving all 50 states and Puerto Rico through cooperative agreements with state departments of agriculture or universities. These field offices regularly survey thousands of farm operators, ranchers, and agri-businessmen who voluntarily provide information on a confidential basis. Consolidating these reports with field observations, objective yield measurements, and other data, statisticians then produce state statistics. These statistics are forwarded to NASS headquarters in Washington, D.C., where they are combined and released to the public.

**The Internet site** contains agricultural statistics, an on-line data base, all reports, links to other pertinent sites and even a Kids Page targeted to education on agricultural topics. The national website is at [www.usda.gov/nass](http://www.usda.gov/nass) while the Pennsylvania homepage is at [www.nass.usda.gov/pa](http://www.nass.usda.gov/pa). For more information, contact us via email at [nass-pa@nass.usda.gov](mailto:nass-pa@nass.usda.gov) or call 717-787-3904.

**As part of USDA**, the federal program includes the **Census of Agriculture** conducted every five years and an **Annual Statistics Program**. The Ag Census publishes all agricultural commodities at the state and county level with farm counts by zip code. The Annual Statistics Program provides more timely state level statistics but it is limited to major crop and livestock commodities and fewer data series at the county level. The College of Agriculture at Penn State cooperates with NASS-PA on special studies to measure various aspects of Pennsylvania agriculture, such as economic status, Integrated Pest Management, etc.

**As a bureau within PDA**, NASS-PA supports special projects as deemed necessary by the Pennsylvania Secretary of Agriculture. PDA makes it possible to publish average custom machinery rates. The state funds most of the county level statistics which expands the county series to include: corn for grain and silage, wheat, dry alfalfa hay, dry other hay, dry all hay, all hay forage, barley, oats, soybeans, sorghum, tobacco, potatoes, apples, peaches, milk production, milk cows, cattle, sheep, hogs, broilers, number of farms and cash receipts.

**Confidentiality** is guaranteed to anyone providing information to NASS-PA regardless if it is acting in the federal or state capacity. According to federal law, the mail list can never be given or sold to any other entity, public or private (this includes other government agencies). Individual data is exempt from requests under the Freedom of Information Act and exempt from subpoena. Data is only published at an aggregate level so that no one can derive information about any single operation.

**Continued - - -**

**Annual Statistics Program** - About 400 national reports are issued by NASS every year through the *Agricultural Statistics Board*. These national reports are complemented by about 125 state reports. Each report is released on a fixed schedule according to an annual calendar of release dates. Strict security measures are maintained to ensure that no one gains premature access to the information. The reports provide broad coverage of agriculture, including more than 165 crop and livestock items.

The annual cycle of crop reports begins with projections of the acreage that farmers intend to plant, and continues with reports of acreage planted, acreage intended for harvest, probable yields, and potential production. Final reports of acreage harvested, actual yields, and production are made at the end of the crop production season.

Livestock inventory numbers are published annually or semiannually. Details on hog production, cattle on feed, and the production of eggs, milk, and meat are issued in monthly and quarterly reports. Reports on breeding, farrowings, chick and poul placements, and calf and lamb crops provide indications of prospective market supplies. Measurements of manufactured dairy products and the cold storage holdings of agricultural commodities are also published regularly.

NASS also collects and publishes statistics on a variety of additional subjects pertaining to agriculture as part of the Annual Statistics Program. These include number and sizes of farms, farm labor and wage rates, prices received and paid by farmers, grain stocks, greenhouse & nursery production, fruits & vegetables, fertilizer & pesticide usage, mushrooms, mink, trout, plus many other commodities grown or raised in specialized areas of the country, as well as weekly weather and crop bulletins.

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**Census of Agriculture** - The national Census of Agriculture is conducted every 5 years. In some ways it resembles the population census with which most Americans are familiar, because the Census of Agriculture attempts to produce a complete quantification of all agricultural items and activities nationwide, just as the population census attempts to count and collect data about every man, woman, and child.

For more than 150 years, the U.S. Department of Commerce, Bureau of the Census, conducted the Census of Agriculture. However, the 1997 Appropriations Act transferred the responsibility from the Bureau of the Census to the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). The 1997 Census of Agriculture was the first census conducted by USDA and NASS.

The census of agriculture is the leading source of statistics about the Nation's agricultural production and an important source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress to develop and change farm programs, study historical trends, assess current conditions, and plan for the future. Many national and State programs use census data to design and allocate funding for extension service projects, agricultural research, soil conservation programs, and land-grant colleges and universities. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

In keeping with the provisions of Title 7 of the United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms reporting an item is not considered a release of confidential information and is provided even though other information may be withheld. This allows farm counts to be published by zip code.

The Census of Agriculture is published in various forms including: national, state & county level data; state & county rankings; agricultural atlas; zip code tabulations; and congressional district tabulations & rankings. Special studies that are also part of the census program include the Farm and Ranch Irrigation Survey, the Census of Horticultural Specialties and the Census of Aquaculture.

## Where can I get more statistics or economic analysis?

**National Agricultural Statistics Service (NASS)** publications include weekly, monthly, quarterly and annual estimates of production, stocks, inventories, disposition, utilization and prices of agricultural commodities and other items. The Census of Agriculture is published every 5 years covering all commodities by state, county and zip code. Other census reports include the Agricultural Atlas, Agricultural Economics & Land Ownership, Aquaculture, Census History, Congressional Tabulations, Farm & Ranch Irrigation, Horticulture Specialties and Outlying Areas.

**Economic Research Service (ERS)** situation and outlook reports and periodicals analyze the current situation and forecast market conditions. ERS monographs offer economic analysis in the area of trade, production, rural development, farm inputs and other topics.

**The World Agricultural Outlook Board (WAOB)** issues regular forecasts of U.S. and world supply and demand prospects for major agricultural commodities.

## How can I get National publications from NASS & ERS for all states?

- ◆ **To Subscribe via the Internet**, see [www.nass.usda.gov](http://www.nass.usda.gov) and scroll down to "Receive reports by Email." Click on National or State reports.
- ◆ **For Free E-mail Subscriptions** send a message to [usda-reports@usda.mannlib.cornell.edu](mailto:usda-reports@usda.mannlib.cornell.edu) and type lists in the message (not the subject).
- ◆ **For a Free Catalog of Products and Services call 1-800-999-6779**. The NASS and ERS catalogs list all products and services available from each agency. The NASS catalog includes a calendar of publication dates for agricultural statistics reports throughout the year.

## How can I get State publications from NASS field offices?

- ◆ **To Subscribe via the Internet**, see [www.nass.usda.gov](http://www.nass.usda.gov) and scroll down to "Receive reports by Email." Click on National or State reports.
- ◆ **For Free E-mail Subscriptions** send a message to [listserv@newsbox.usda.gov](mailto:listserv@newsbox.usda.gov) and in the body of the message (not the subject) type **subscribe usda-pa-all-reports your name** (insert your name where indicated).
- ◆ **For Paper Subscriptions** use the order form in this book; see 'Pennsylvania Reports' for details. For other states, call 1-800-727-9540 for the other 45 field offices in states outside Pennsylvania.

## Sources of Agricultural Information in USDA

	USDA/NASS	USDA/ERS	USDA/WAOB
<b>Information:</b>	<b>1-800-727-9540</b>	<b>202-694-5050</b>	<b>202-720-8651</b>
<b>Address:</b>	<b>Customer Service:</b> Rm 5805 South Building 1400 Independence Ave., S.W. Washington, D.C. 20250-2000	1800 M Street, NW Washington, D.C. 20036-5831	Rm 5143 South Building 1400 Independence Ave., S.W. Washington, D.C. 20205-2000
<b>FAX:</b>	202-690-2090      General Information	202-694-5689 Autofax to retrieve data: 202-694-5700	202-720-4043
<b>E-mail:</b>	<a href="mailto:nass@nass.usda.gov">nass@nass.usda.gov</a> Washington, D.C. <a href="mailto:nass-pa@nass.usda.gov">nass-pa@nass.usda.gov</a> Pennsylvania <a href="mailto:nass-xx@nass.usda.gov">nass-xx@nass.usda.gov</a> Other Field Offices (xx is the state abbreviation)	<a href="mailto:service@ers.usda.gov">service@ers.usda.gov</a>	<a href="mailto:apeterlin@oce.usda.gov">apeterlin@oce.usda.gov</a>
<b>Internet:</b>	<a href="http://www.nass.usda.gov">www.nass.usda.gov</a>	<a href="http://www.ers.usda.gov">www.ers.usda.gov</a>	<a href="http://www.usda.gov/oce/commodity/">www.usda.gov/oce/commodity/</a>
<b>National specialists</b> are available to answer your questions by phone or E-mail. See these Internet site for telephone numbers and E-mail addresses:			
<b>Statistics from USDA, NASS</b>		<a href="http://www.nass.usda.gov">www.nass.usda.gov</a>	
<b>Economists in USDA, ERS</b>		<a href="http://www.ers.usda.gov/AboutERS/Specialists/">www.ers.usda.gov/AboutERS/Specialists/</a>	
<b>Canadian Ag Statistics:</b> For Customer Service at the Agriculture Division of Statistics Canada, Call 1-800-263-1136      ~      E-mail: <a href="mailto:infostats@statcan.ca">infostats@statcan.ca</a> ~      Internet: <a href="http://www.statcan.ca">www.statcan.ca</a>			

# Pennsylvania Reports Available

USDA-NASS, Pennsylvania Field Office - - - Harrisburg, PA

*These reports include Pennsylvania statistics taken from National publications. Although National reports are the most timely source of statistics, Pennsylvania reports may have more local information about crop conditions, etc. Pennsylvania reports are available through e-mail and the Internet at no charge (see 'Need More Information' for details). **Electronic access to these reports is encouraged but paper publications are still FREE to Pennsylvania farmers, agri-businesses, news media, government and educational institutions.** Others must pay a user fee as described below.*

Publication		Annual Subscription Fee
<input type="checkbox"/>	995 PENNSYLVANIA AGRICULTURAL STATISTICS SUMMARY -- issued annually during the fall. Contains county data for major agricultural items.	\$5.00
<input type="checkbox"/>	980 KEYSTONE AG DIGEST -- issued bi-monthly. Contains information relating to livestock, dairy, poultry, crops, prices, stocks, farm numbers, etc.	\$12.00
<input type="checkbox"/>	986 ANNUAL DAIRY PRODUCTS -- issued in June. Summary of dairy products manufactured in Pennsylvania for the previous year.	\$3.00
<input type="checkbox"/>	990 MACHINERY CUSTOM RATES -- issued in March. Shows charges by custom operators for various farming activities for the current year.	\$3.00
<input type="checkbox"/>	985 WEEKLY CROP & WEATHER ROUNDUP -- issued weekly April-November. Covers weather conditions, crop planting progress, crop development and harvesting progress.	\$15.00
<b>Remember. . . these reports are <u>free</u> to farmers, agri-businesses, news media, government and educational institutions!</b>		Total \$ _____

## How to order:

- **Call our toll-free telephone number at 1-800-498-1518**
- **Visit us online at [www.nass.usda.gov/pa/](http://www.nass.usda.gov/pa/)**
- **Mail (address below) or fax (1-800-498-1548) this form to our office.**  
**(Please include your check or money order payable to USDA/NASS)**

Mail form to: *USDA/NASS-PA Field Office  
 2301 North Cameron Street, Room G-19  
 Harrisburg, PA 17110-9405*

Company or personal name \_\_\_\_\_

Additional address/attention line \_\_\_\_\_

Street address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Telephone (    ) \_\_\_\_\_ Zip Code \_\_\_\_\_

# National Reports Available

National Agricultural Statistics Service, USDA - - - Washington, D.C.

*These reports include all states. Although National reports are available through E-mail and the Internet at no charge, paper reports are still available for a fee. For details, see the section named 'Need More Information' (page 147).*

## NASS Reports Arranged by Title <sup>1</sup>

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>• Acreage</li> <li>• Adult Agricultural Related Injuries</li> <li>• Agricultural Cash Rents</li> <li>• Agricultural Chemical Usage</li> <li>• Agricultural Land Values &amp; Cash Rents</li> <li>• Agricultural Prices</li> <li>• Broiler Hatchery</li> <li>• Capacity of Refrigerated Warehouses</li> <li>• Catfish Feed Deliveries</li> <li>• Catfish Processing</li> <li>• Catfish Production</li> <li>• Cattle</li> <li>• Cattle on Feed</li> <li>• Cattle Death Loss</li> <li>• Census of Agriculture</li> <li>• Cherry Production</li> <li>• Chickens and Eggs</li> <li>• Childhood Agricultural Injuries</li> <li>• Citrus Fruits</li> <li>• Cold Storage</li> <li>• Corn &amp; Biotechnology Special Analysis</li> <li>• Corn, Soybeans &amp; Wheat Sold Through Marketing Contracts</li> <li>• Cotton Ginnings</li> <li>• Cranberries</li> <li>• Crop Production</li> <li>• Crop Progress</li> <li>• Crop Values</li> <li>• Dairy Products</li> <li>• Dairy Products Prices</li> <li>• Egg Products</li> </ul> | <ul style="list-style-type: none"> <li>• Equine</li> <li>• Ethanol Co-Products Used for Livestock Feed</li> <li>• Farm Computer Usage &amp; Ownership</li> <li>• Farm Labor</li> <li>• Farm Production Expenditures</li> <li>• Farms, Land in Farms, and Livestock Operations</li> <li>• Floriculture Crops</li> <li>• Fruit &amp; Wildlife Damage</li> <li>• Grain Stocks</li> <li>• Hatchery Production</li> <li>• Hogs &amp; Pigs (Quarterly - Monthly )</li> <li>• Honey</li> <li>• Hop Stocks</li> <li>• Layers &amp; Egg Production</li> <li>• Licensed Dairy Herds</li> <li>• Livestock Slaughter</li> <li>• Meat Animals Production, Disposition, and Income</li> <li>• Milk Production</li> <li>• Milk Production, Disposition &amp; Income</li> <li>• Milkfat Prices</li> <li>• Mink</li> <li>• Minnesota Wisconsin Manufacturing Grade Milk</li> <li>• Mushrooms</li> <li>• NASS Ag. Newsletter</li> <li>• National Hop Report</li> <li>• Non-Ambulatory Cattle and Calves</li> <li>• Non-Ambulatory Sheep and Goats</li> <li>• Noncitrus Fruits &amp; Nuts Preliminary</li> </ul> | <ul style="list-style-type: none"> <li>• Noncitrus Fruits &amp; Nuts</li> <li>• Nursery Crops</li> <li>• Peanut Prices</li> <li>• Peanut Stocks &amp; Processing</li> <li>• Pest Management Practices</li> <li>• Potato Stocks</li> <li>• Potatoes</li> <li>• Poultry - Production &amp; Value</li> <li>• Poultry Slaughter</li> <li>• Price Reactions After USDA Crop and Livestock Reports</li> <li>• Prospective Plantings</li> <li>• Rice Stocks</li> <li>• Sheep &amp; Goats</li> <li>• Sheep &amp; Goats Death Loss</li> <li>• Small Grains</li> <li>• Trout Production</li> <li>• Turkey Hatchery</li> <li>• Turkeys Raised</li> <li>• U.S. Broiler and Egg Production Cycles</li> <li>• U. S. Broiler Industry Structure</li> <li>• Usual Planting &amp; Harvesting Dates for U.S. Field Crops</li> <li>• U.S. Hog Breeding Herd Structure</li> <li>• U.S. Wildlife Damage</li> <li>• U. S. &amp; Canadian Cattle</li> <li>• U.S. and Canadian Hogs and Pigs</li> <li>• Vegetables</li> <li>• Weekly Weather &amp; Crop Bulletin</li> <li>• Winter Wheat Seedings</li> <li>• Wool and Mohair</li> </ul> |
|--|---|---|

<sup>1</sup> See website for report descriptions and release dates at [www.nass.usda.gov/Publications/Reports\\_By\\_Title/index.asp](http://www.nass.usda.gov/Publications/Reports_By_Title/index.asp)

# Agricultural Statistics Districts

