



# Ag Digest

In Cooperation with the Pennsylvania Department of Agriculture

Pennsylvania Field Office · 2301 N Cameron St, Rm G-19 · Harrisburg, PA 17110 · (717) 787-3904 · www.nass.usda.gov

Released: Late January 2007

Bi-Monthly

Vol. 07 No. 02

**Note to Survey Respondents:** Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

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The Keystone Ag Digest may be found on the Internet at the following address:

[http://www.nass.usda.gov/Statistics\\_by\\_State/Pennsylvania/Publications/Keystone\\_Ag\\_Digest/index.asp](http://www.nass.usda.gov/Statistics_by_State/Pennsylvania/Publications/Keystone_Ag_Digest/index.asp)

## MILK PRODUCTION

Milk production in Pennsylvania during December 2006 totaled 889 million pounds, up 1 percent from last December's production. The number of milk cows in the state during the month averaged 549,000 head, down 1,000 from November and 8,000 head less than December 2005.

Production per cow averaged 1,620 pounds in December, 60 pounds more than November, and 40 pounds more than in December 2005.

Milk production in the 23 states surveyed during December 2006 totaled 14.0 billion pounds, up 2.7 percent from production in these same states in December 2005. November revised production, at 13.3 billion pounds, was up 2.6 percent from November 2005. The November revision represented an increase of 13 million pounds from last month's preliminary production estimate.

Production per cow in the 23 major States averaged 1,689 pounds for December, 26 pounds above December 2005. The number of milk cows on farms in the 23 major states was 8.27 million head, 86,000 head more than December 2005, and 14,000 head more than November 2006.

## DAIRY PRODUCTS

United States' butter production was 116 million pounds, 4.3 percent above November 2005 but 2.5 percent below October 2006. Total cheese output (excluding cottage cheese) was 790 million pounds, 3.1 percent above November 2005 but 1.3 percent below October 2006. American type cheese production totaled 316 million pounds, 1.0 percent above November 2005 but 1.6 percent below October 2006. Frozen desserts: (comparisons with November 2005): Ice cream, Regular (hard) – 57.9million gallons, down 5.2 percent; Ice cream, Lowfat (total) – 22.9 million gallons, down 3.7 percent; Ice cream, Nonfat (hard) – 761 thousand gallons, down 42.3 percent; Sherbet (hard) -- 3.15 million gallons, down 8.5 percent; Frozen Yogurt (total) -- 4.49 million gallons, up 1.6 percent.

## PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Nov 2005	Oct 2006	Nov 2006
000 Lbs.			
<b>PENNSYLVANIA</b>			
Butter .....	5,969	5,612	6,306
Ice Cream .....	2,948	3,035	2,452
<b>UNITED STATES</b>			
Butter .....	110,905	118,598	115,686
<b>Cheese:</b>			
American Types .....	313,195	321,234	316,253
Swiss .....	25,347	25,500	24,184
Brick and Muenster.....	8,102	8,953	9,122
Cream and Neufchatel .....	65,675	72,052	73,950
Mozzarella .....	252,933	263,140	259,459
Other Italian .....	67,371	71,114	68,722
Total Italian Types .....	320,304	334,254	328,181
All Other.....	19,652	23,720	23,542
Total.....	766,061	800,338	789,704
NF Dry Milk, Human .....	89,095	72,283	79,270
Yogurt, Plain & Flavored .....	219,567	262,864	229,753
000 Gal.			
<b>FROZEN PRODUCTS:</b>			
Ice Cream, Hard .....	61,133	64,360	57,943
Ice Cream, Lowfat .....	23,770	29,908	22,881
Ice Cream, Nonfat .....	1,319	1,022	761
Sherbet, Hard .....	3,442	3,690	3,150
Frozen Yogurt, Total.....	4,419	4,948	4,490
<b>FOR PRODUCTS:</b>			
Ice Cream Mix .....	33,883	35,953	32,427
Ice Cream Mix, Lowfat.....	13,615	17,179	13,146
Ice Cream Mix, Nonfat.....	831	655	510
Sherbet Mix .....	2,523	2,571	2,183
Yogurt Mix .....	2,748	2,999	2,721

## MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		Dec 2005	Nov 2006	Dec 2006	Dec 2005	Nov 2006	Dec 2006
Milk Cows.....	Thous.	557	550	549	8,179	8,251	8,265
Milk Per Cow.....	Lbs.	1,580	1,560	1,620	1,663	1,617	1,689
Milk Production .....	Mil. Lbs.	880	858	889	13,599	13,341	13,963

## ANNUAL SUMMARY OF FIELD CROPS

Crop	Year	Pennsylvania				United States				Unit
		Acreage (000)		Production		Acreage (000)		Production		
		Planted	Harvested	Per Acre	(000)	Planted	Harvested	Per Acre	(000)	
Corn.....	2004	1,400	980 <sup>1</sup>	140.0	137,200	80,929	73,631 <sup>1</sup>	160.4	11,807,086	Bu.
	2005	1,350	960 <sup>1</sup>	122.0	117,120	81,779	75,117 <sup>1</sup>	148.0	11,114,082	Bu.
	2006	1,350	960 <sup>1</sup>	122.0	117,120	78,327	70,648 <sup>1</sup>	149.1	10,534,868	Bu.
Wheat, Winter.....	2004	140	135	49.0	6,615	43,350	34,462	43.5	1,499,434	Bu.
	2005	150	145	54.0	7,830	40,433	33,794	44.4	1,499,129	Bu.
	2006	160	150	59.0	8,850	40,575	31,117	41.7	1,298,081	Bu.
Oats.....	2004	130	110	55.0	6,050	4,085	1,787	64.7	115,695	Bu.
	2005	140	110	55.0	6,050	4,246	1,823	63.0	114,878	Bu.
	2006	135	110	64.0	7,040	4,168	1,576	59.5	93,764	Bu.
Barley.....	2004	65	55	62.0	3,410	4,527	4,021	69.6	279,743	Bu.
	2005	55	47	72.0	3,384	3,875	3,269	64.8	211,896	Bu.
	2006	55	46	81.0	3,726	3,452	2,951	61.0	180,051	Bu.
Sorghum.....	2004	12	4 <sup>2</sup>	83.0	332	7,486	6,517 <sup>2</sup>	69.6	453,654	Bu.
	2005	11	4 <sup>2</sup>	50.0	200	6,454	5,736 <sup>2</sup>	68.5	392,933	Bu.
	2006	13	5 <sup>2</sup>	66.0	330	6,522	4,937 <sup>2</sup>	56.2	277,538	Bu.
Soybeans.....	2004	430	425	46.0	19,550	75,208	73,958	42.2	3,123,686	Bu.
	2005	430	420	41.0	17,220	72,032	71,251	43.0	3,063,237	Bu.
	2006	430	425	40.0	17,000	75,522	74,602	42.7	3,188,247	Bu.
Hay, All.....	2004	-	1,700	2.53	4,296	-	61,966	2.55	158,247	Ton
	2005	-	1,600	2.12	3,397	-	61,729	2.45	151,017	Ton
	2006	-	1,750	2.93	5,125	-	60,807	2.33	141,666	Ton
Hay, Alfalfa.....	2004	-	540	2.80	1,512	-	21,707	3.48	75,481	Ton
	2005	-	510	2.60	1,326	-	22,439	3.39	76,149	Ton
	2006	-	500	3.00	1,500	-	21,384	3.35	71,666	Ton
Tobacco, All.....	2004	-	4.0	2,025	8,100	-	408.1	2,161	881,875	Lbs.
	2005	-	5.0	2,140	10,700	-	297.1	2,171	645,015	Lbs.
	2006	-	7.9	2,056	16,240	-	339.0	2,144	726,724	Lbs.
Potatoes, Fall.....	2004	12.0	11.0	240	2,640	1,039.7	1,022.3	401	410,253	Cwt.
	2005	11.5	11.0	250	2,750	967.7	949.0	403	382,743	Cwt.
	2006	11.0	10.5	260	2,730	987.9	976.2	402	391,978	Cwt.

<sup>1</sup> Corn for grain, remainder of planted acres for silage and other uses. <sup>2</sup> Sorghum for grain, remainder of planted acres for silage and other uses.

## CROP PRODUCTION

Based on year end acreage and yield data, production of alfalfa dry hay, haylage, and greenchop, other dry hay, oats, winter wheat, barley, sorghum for grain and silage, burley tobacco, and maple syrup in Pennsylvania was above last year's production. Production of soybeans, fall potatoes, Southern Maryland and Pennsylvania seedleaf type tobaccos were below last year's production. Production of corn for grain and silage remained the same.

Corn for grain production totaled 117.1 million bushels, unchanged from last year's production. Corn acres harvested for grain was estimated at 960,000 and the average yield was 122 bushels per acre, unchanged from 2005, but 18 bushels per acre below 2 years ago. Corn for silage production at 6.8 million tons, was unchanged from production in 2005. Acres harvested for silage totaled 380,000, also unchanged from last year. Silage yield was 18.0 tons per acre, unchanged from both the 2005 and 2004 yields.

Alfalfa dry hay production was 1.50 million tons, 13 percent above last year's production. Acres harvested were 500,000, a decrease of 10,000 acres from last year, with an average yield of 3.0 tons per acre. Alfalfa haylage and greenchop production was 2.05 million tons (green weight), 8 percent above last year's production. Acres harvested were 320,000, with an average yield of 6.4 tons per acre, compared to 305,000 acres and a yield of 6.2 tons per acre last year. All alfalfa forage production was 2.51 million tons (dry weight equivalent), 11 percent above last year's production. Alfalfa acres newly seeded in 2006 for crop production in 2007 totaled 110,000 acres, up 10,000 acres from a year ago. All other dry hay acres harvested totaled 1,250,000 acres, 160,000 acres above last year, with a yield of 2.90

tons per acre for a total production of 3.63 million tons, up 75 percent from last year. Total forage production on a dry equivalent basis was 6.57 million tons, 43 percent above last year's production and 17 percent above the production of two years ago. Forage was harvested from 2.0 million acres, up 6 percent from last year and 1 percent above two years ago. Average forage yield per acre in 2006 was 3.29 dry tons, compared to 2.44 dry tons a year ago and 2.84 dry tons in 2004.

Oat production was 7.04 million bushels, 16 percent above last year's production. Harvested acres totaled 110,000, unchanged from both last year and two years ago. The yield was 64 bushels per acre, 9 bushels above last year. Production of winter wheat was 8.85 million bushels, 13 percent above 2005. Harvested acres totaled 150,000, with a yield of 59.0 bushels per acre, 5 bushels per acre above last year. Winter wheat seeded in the fall of 2006 for production of a crop in 2007 totaled 160,000 acres, up 10,000 acres from a year ago. Barley production was 3.73 million bushels, 10 percent more than 2005. Acreage harvested was 46,000 with an average yield per acre of 81 bushels.

Soybean production, at 17.0 million bushels, was 1 percent below last year's production. Acreage harvested was 425,000, up 5,000 acres from 2005. The 2006 yield was 40.0 bushels per acre, 1 bushel per acre below a year ago, but 6 bushels per acre below 2004.

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## CROP PRODUCTION, CONTINUED

Sorghum for grain production totaled 330,000 bushels, 65 percent above last year's crop. Sorghum acres harvested for grain totaled 5,000, up 1,000 from 2005. Sorghum yield was 66.0 bushels per acre, compared with a yield for grain of 50.0 bushels per acre last year, and 83.0 bushels in 2004. Sorghum acres harvested for silage was set at 6,000, up 1,000 from a year ago. Silage yield was 7.5 tons per acre, compared to 7.0 tons in 2005. Production of sorghum silage was 45,000 tons, up 29 percent from last year.

Fall potato production, at 2.73 million hundredweight (cwt.), was slightly below 2005 production. Acres harvested was down 500 from last year at 10,500. The yield of 260 cwt. per acre was up 10 cwt. from last year's yield, and 20 cwt. per acre above the yield of two years ago.

Pennsylvania burley tobacco production totaled 11.55 million pounds, up 139 percent from a year ago. Acreage for harvest was 5,500, compared to 2,200 a year ago. Average yield per acre was 2,100 pounds, down 100 pounds per acre from last year. Southern Maryland type tobacco production totaled 2.1 million pounds, 30 percent less than last year. Harvested acreage was 1,100, down 400 acres from 2005. Pennsylvania seedleaf-type tobacco production totaled 2.6 million pounds, 9 percent less than last year. Harvested acreage was 1,300, the same as last year, but the average yield of 2,000 pounds per acre was down 200 pounds from last year.

Maple syrup producers in Pennsylvania produced 66,000 gallons of syrup in 2006, up 8 percent from a year ago.

At the **United States** level, corn for grain production was estimated at 10.5 billion bushels, down 2 percent from the November forecast, and 5 percent lower than 2005. The average U.S. grain yield is estimated at 149.1 bushels per acre, down 2.1 bushels from the November forecast, but 1.1 bushels above 2005. The 2006 yield estimate is the second largest on record, behind 2004, while the production estimate is the third largest on record. Area harvested for grain, at 70.6 million acres, is down 6 percent from 2005.

Soybean production in 2006 totals 3.19 billion bushels, the largest U.S. soybean crop on record. This is down less than 1 percent from the November forecast, but 4 percent above the 2005 production. The average yield per acre is estimated at 42.7 bushels, 0.3 bushels below both the November forecast and last year's record high yield. Harvested area is up 5 percent from 2005, to a record high 74.6 million acres.

Production of other major crops and changes from the previous year are as follows: corn for silage, 104.9 million tons, down 2 percent; dry alfalfa hay, 71.7 million tons, down 6 percent; other dry hay, 70.0 million tons, down 7 percent; oats, 93.8 million bushels, down 18 percent; winter wheat, 1.3 billion bushels, virtually unchanged; barley 211.9 million bushels, down 24 percent; soybeans, 3.19 billion bushels, up 4 percent; all potatoes, 434.7 million cwt., up 2 percent; all tobacco, 726.7 million pounds, up 13 percent; and maple syrup 1.45 million gallons, up 17 percent.

### **PENNSYLVANIA & UNITED STATES: GRAIN STOCKS - DECEMBER 1, 2006 WITH COMPARISON**

Grain	Year	Pennsylvania			United States		
		On Farms	Off Farms <sup>1</sup>	Total All Positions	On Farms	Off Farms <sup>1</sup>	Total All Positions
<i>(000) Bushel</i>							
Corn.....	2005	65,000	8,832	73,832	6,325,000	3,489,957	9,814,957
	2006	61,000	8,287	69,287	5,627,000	3,3002,820	8,929,820
Wheat.....	2005	<sup>2</sup>	6,647	<sup>2</sup>	513,010	916,414	1,429,424
	2006	<sup>2</sup>	7,985	<sup>2</sup>	403,250	911,364	1,314,614
Soybeans .....	2005	<sup>2</sup>	2,942	<sup>2</sup>	1,345,000	1,156,426	2,501,426
	2006	<sup>2</sup>	3,219	<sup>2</sup>	1,461,000	1,236,498	2,697,498
Barley .....	2005	<sup>2</sup>	594	<sup>2</sup>	103,650	104,335	207,985
	2006	<sup>2</sup>	565	<sup>2</sup>	83,650	89,064	172,714
Oats.....	2005	3,700	584	4,284	60,100	35,617	95,717
	2006	3,900	727	4,627	53,000	43,244	96,244

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals and processors. <sup>2</sup> Included in U.S. totals.

### GRAIN STOCKS

Pennsylvania's corn stored in all positions on December 1, 2006 was 69.3 million bushels, down 6 percent from December 1, 2005. On-farm corn stocks amounted to 61 million bushels, while off-farm stocks were 8.3 million bushels. Sorghum stored off farms totaled 41 thousand bushels. Wheat stored off farms totaled 8.0 million bushels. Soybeans stored off farms totaled 3.2 million bushels. Barley stored off farms was 565 thousand bushels. Oats stored in all positions were 4.6 million bushels, 3.9 million on farm and 727 thousand off farm.

Pennsylvania's on-farm stocks of sorghum, wheat, soybeans and barley are not published separately but instead are included with an unallocated National total. Hay stocks on-farm on December 1, 2006 was estimated at 3.5 million tons, up 205 percent from a year ago.

On December 1, 2006, there were 169 off-farm storage facilities (mills, elevators, warehouses, terminals and processors) with a total grain storage capacity of 31.5 million bushels, up 1 percent from December 1, 2005. On December 1, 2006, on-farm storage capacity was 130 million bushels, unchanged from December 1, 2005.

Corn stocks in all positions on December 1, 2006 totaled 8.93 billion bushels, down 9 percent from December 1, 2005. Of the total stocks, 5.63 billion bushels are stored on farms, down 11 percent from a year earlier. Off-farm stocks, at 3.30 billion bushels, are down 5 percent from a year ago. The September - November 2006 indicated

disappearance is 3.57 billion bushels, compared with 3.41 billion bushels during the same period last year.

Soybeans stored in all positions on December 1, 2006 totaled 2.70 billion bushels, up 8 percent from December 1, 2005. Soybean stocks stored on farms totaled 1.46 billion bushels, up 9 percent from a year ago. Off-farm stocks, at 1.24 billion bushels, are up 7 percent from last December. All wheat stored in all positions on December 1, 2006 totaled 1.31 billion bushels, down 8 percent from a year ago. On-farm stocks are estimated at 403 million bushels, down 21 percent from last December. Off-farm stocks, at 911 million bushels, are down 1 percent from a year ago.

Barley stocks in all positions on December 1, 2006 totaled 173 million bushels, down 17 percent from December 1, 2005. On-farm stocks are estimated at 83.7 million bushels, 19 percent below a year ago. Off-farm stocks, at 89.1 million bushels, are 15 percent below December 2005. Stocks of all hay stored on farms totaled 96.4 million tons on December 1, 2006, down 8 percent from a year ago. The United States on-farm storage capacity totaled 11.6 billion bushels on December 1, 2006, up 1 percent from December 1, 2005. Capacity of off-farm commercial grain storage totaled 8.77 billion bushels in the United States on December 1, 2006, up 3 percent from December 1, 2005.

**TURKEYS RAISED IN 2006 AND INTENSIONS 2007**

State	Raised	Intentions	2007 as % of
	2006	2007	2006
	<i>1,000 Head</i>		
Arkansas	30,000	30,000	100
California	15,800	16,800	106
Illinois	2,700	2,800	104
Indiana	13,800	15,900	115
Idaho	8,200	8,600	105
Michigan	4,600	4,600	100
Minnesota	45,000	46,000	102
Missouri	20,000	20,000	100
North Carolina	37,500	39,500	105
North Dakota	1,300	1,300	100
Ohio	5,100	5,100	100
<b>Pennsylvania</b>	<b>10,500</b>	<b>10,800</b>	<b>103</b>
South Carolina	9,600	11,000	115
South Dakota	4,200	4,300	102
Virginia	21,500	22,000	102
West Virginia	3,600	3,500	97
Other States <sup>1</sup>	27,050	27,600	102
<b>23 State Total</b>	<b>260,450</b>	<b>269,800</b>	<b>104</b>

<sup>1</sup> CO, KS, NE, OK, TX, UT, and WI combined to avoid disclosing individual operations.

**TURKEYS RAISED 2006 - INTENTIONS 2007**

Producers raised 10.5 million turkeys in 2006, unchanged from the number raised in 2005. Turkeys raised in the United States during 2006 totaled 262 million birds, up 4 percent from 252 million turkeys raised during 2005.

Minnesota ranked first in the number raised with 45.0 million, followed by North Carolina with 37.5 million, Arkansas with 30.0 million, Virginia with 21.5 million, Missouri with 20.0 million, California with 15.8 million, and Indiana with 13.8 million. These states accounted for 70 percent of the turkeys produced in the United States during 2006.

Producers in Pennsylvania reported intentions to be 10.8 million turkeys during 2007, which would be 300,000 more than the turkeys raised in 2006. Turkey growers in 23 States intend to increase the number of birds raised by 4 percent in 2007. These states produced over 99 percent of the turkeys raised in 2006. Intentions for the top seven producing States compared with 2006 are as follows: Minnesota up 2 percent, North Carolina up 5 percent, Virginia up 2 percent, California up 6 percent, and Indiana up 15 percent. Arkansas and Missouri intend to raise the same amount of turkeys in 2007 as they did the year before.

The number of turkeys actually raised in 2007 may vary from growers' intentions depending on feed costs, supply of hatching eggs, cost of poults, and prices growers receive for turkeys during the next few months.

ADDRESS SERVICE REQUESTED

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