



# Keystone Ag Digest

Cooperating with the Pennsylvania Department of Agriculture  
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<b>IN THIS ISSUE:</b>	<b>Manufactured Dairy Products Crop Summary</b>	<b>Milk Production Fall Potato Production</b>
<i>This publication may be found on the Internet at <a href="http://www.nass.usda.gov/pa">www.nass.usda.gov/pa</a> and click on "Pennsylvania Publications."</i>		

**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!

## MILK PRODUCTION

Milk production in Pennsylvania during November 2007 totaled 869 million pounds, 1.3 percent above last November's production of 858 million pounds. The number of milk cows in the state during the month averaged 550,000 head, 1,000 head less than October 2007 but unchanged from a year ago. Production per cow averaged 1,580 pounds, down 30 pounds from October but 20 pounds above the November 2006 average.

Milk production in the 23 major States during November totaled 13.8 billion pounds, up 3.8 percent from November 2006. October production, unrevised at 14.2 billion pounds, was up 4.1 percent from October 2006. Production per cow in the 23 major states averaged 1,654 pounds for November, 40 pounds above November 2006. The number of milk cows on farms in the 23 major States was 8.36 million head, 101,000 head more than November 2006 and 8,000 head more than October 2007.

## DAIRY PRODUCTS

United States' butter production was 130 million pounds, 9.1 percent above October 2006 and 16.3 percent above September 2007. Total cheese output (excluding cottage cheese) was 825 million pounds, 1.6 percent above October 2006 and 6.4 percent above September 2007. Italian type cheese production totaled 346 million pounds, 1.8 percent above October 2006 and 4.7 percent above September 2007. American type cheese production totaled 325 million pounds, 1.2 percent above October 2006 and 7.9 percent above September 2007. Frozen products: (comparisons with October 2006) Ice cream, Regular (hard) --- 69.4 million gallons, up 4.4 percent. Ice cream, Lowfat (total) --- 29.3 million gallons, up 2.3 percent. Sherbet (hard) --- 3.98 million gallons, up 9.2 percent. Frozen Yogurt (total) --- 4.09 million gallons, down 22.7 percent.

## PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Oct 2006	Sep 2007	Oct 2007
	<i>000 Lbs.</i>		
<b>PENNSYLVANIA</b>			
Butter .....	5,613	3,885	5,736
Ice Cream .....	3,035	2,600	2,847
<b>UNITED STATES</b>			
Butter .....	119,133	111,774	129,958
<b>Cheese:</b>			
American Types .....	320,925	301,004	324,915
Swiss .....	26,268	25,204	25,740
Brick and Muenster .....	8,921	9,162	10,439
Cream and Neufchatel .....	76,492	71,518	77,517
Mozzarella .....	266,315	263,728	273,692
Other Italian .....	73,406	66,475	72,103
Total Italian Types .....	339,721	330,203	345,795
All Other .....	24,940	22,674	23,842
Total .....	812,276	775,601	825,330
NF Dry Milk, Human .....	69,989	89,704	98,939
Yogurt, Plain & Flavored .....	273,415	315,993	296,678
	<i>000 Gal.</i>		
<b>FROZEN PRODUCTS:</b>			
Ice Cream, Hard .....	66,486	69,189	69,389
Ice Cream, Lowfat .....	28,645	30,179	29,299
Ice Cream, Nonfat .....	1,040	1,110	951
Sherbet, Hard .....	3,642	4,323	3,976
Frozen Yogurt, Total .....	5,296	4,333	4,094
<b>FOR PRODUCTS:</b>			
Ice Cream Mix .....	36,607	38,573	37,397
Ice Cream Mix, Lowfat .....	16,688	17,190	16,683
Ice Cream Mix, Nonfat .....	617	622	529
Sherbet Mix .....	2,658	2,653	2,456
Yogurt Mix .....	3,096	2,626	2,481

## MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		Nov 2006	Oct 2007	Nov 2007	Nov 2006	Oct 2007	Nov 2007
Milk Cows .....	Thous.	550	551	550	8,260	8,353	8,361
Milk Per Cow .....	Lbs.	1,560	1,610	1580	1,614	1,699	1,654
Milk Production .....	Mil. Lbs.	858	887	869	13,332	14,190	13,833

## FALL POTATOES BY STATE, 2005 - 2006

State	Area Planted		Area Harvested		Yield		Production	
	2005	2006	2005	2006	2005	2006	2005	2006
	<i>1,000 Acres</i>		<i>1,000 Acres</i>		<i>Cwt</i>		<i>1,000 Cwt</i>	
California.....	8.6	8.2	8.6	8.2	450	515	3,870	4,223
Colorado .....	59.9	59.2	59.7	59.1	380	355	22,686	20,981
Idaho.....	335.0	350.0	334.0	349.0	386	377	128,915	131,650
Other ID .....	21.0	21.0	21.0	21.0	475	490	9,975	10,290
Other ID .....	314.0	329.0	313.0	328.0	380	370	118,940	121,360
Maine .....	58.5	57.1	58.0	57.0	310	295	17,980	16,815
Massachusetts.....	3.1	2.7	3.1	2.7	240	295	744	797
Michigan .....	43.5	42.5	43.0	42.0	330	350	14,190	14,700
Minnesota .....	51.0	50.0	48.0	47.0	425	445	20,400	20,915
Montana.....	10.6	11.3	10.5	11.2	335	320	3,518	3,584
Nebraska .....	19.5	20.5	19.4	20.2	450	390	8,730	7,878
Nevada .....	6.6	7.5	6.6	7.5	445	390	2,937	2,925
New Mexico .....	5.0	5.5	5.0	5.5	420	420	2,100	2,310
New York .....	20.6	19.0	19.0	18.3	300	260	5,700	4,758
North Dakota.....	100.0	97.0	98.0	91.0	260	255	25,480	23,205
Ohio .....	3.3	3.2	3.1	3.0	325	325	1,008	975
Oregon.....	35.0	36.5	35.0	36.5	530	542	18,533	19,778
Malheur .....	3.5	3.5	3.5	3.5	435	465	1,523	1,628
Other Or.....	31.5	33.0	31.5	33.0	540	550	17,010	18,150
Pennsylvania .....	11.0	10.5	10.5	10.0	260	220	2,730	2,200
Rhode Island.....	0.5	0.6	0.5	0.6	260	285	130	171
Washington.....	156.0	165.0	155.0	165.0	580	620	89,900	102,300
Wisconsin .....	66.0	64.5	66.0	64.0	445	440	29,370	28,160
Total.....	993.7	1,010.8	983.0	997.8	406	409	398,921	408,325

### FALL POTATO PRODUCTION

United States' production of fall potatoes for 2007 is forecast at 408 million cwt, up 2 percent from last year. Area harvested, at 997,800 acres, is virtually unchanged from the July estimate but 2 percent above last year. The average yield is forecast at 409 cwt per acre, up 3 cwt from last year's record high yield.

Western States production is forecast at 288 million cwt, up 6 percent from last year. Area harvested, at 642,000 acres, increased 4 percent from last year, and the average yield of 448 cwt per acre is up 5 cwt from 2006. Idaho's yield is forecast at 377 cwt per acre. If realized this would be the second highest yield on record, 9 cwt below the record yield set in 2006. Hot weather during the summer reduced the quality of the crop. Incidences of the Potato Virus Y were more frequent than normal which adversely affected yields. In Washington, harvest progressed normally this year. The quality of the crop is acceptable but not as good as in previous years. In Colorado, a severe wind storm followed by a late freeze in mid-June damaged plants that were already emerged. The earlier planted crop was slow to recover from the damage, leading to increased yield variability. Oregon's crop progressed at a normal pace with no major problems reported. In

California, favorable weather conditions resulted in excellent crop quality and yields.

Central States production is forecast at 95.8 million cwt, down 3 percent from last year. Harvested area, at 267,200 acres, is down 4 percent, while the average yield, at 359 cwt per acre, is up 2 cwt from a year ago. Overall, the Wisconsin crop progressed ahead of normal. Growers reported a good quality crop with harvest completed on time or early. In North Dakota, crop condition was rated fair to good throughout the growing season. Michigan's yield is forecast at 350 cwt per acre. If realized, this would be a record high.

Eastern States production is forecast at 24.7 million cwt, down 9 percent from last year. Area for harvest totaled 88,600 acres, 3 percent below last year, while the average yield, at 279 cwt per acre, is down 20 cwt from last season. In Maine, excellent growing and harvesting conditions resulted in a high yielding, high quality crop. In Massachusetts and Rhode Island, above average temperatures and below average precipitation forced growers in many locations to irrigate.



**CROP SUMMARY - UNITED STATES, 2006-2007 <sup>1</sup>**

Crop	Acreage (000)				Production				Unit
	Planted		Harvested		Yield		(000)		
	2006	2007	2006	2007	2006	2007	2006	2007	
<b>GRAINS &amp; HAY:</b>									
Barley .....	3,452.0	4,020.0	2,951.0	3,508.0	61.1	60.4	180,165	211,825	Bu.
Corn for Grain <sup>2</sup> ....	78,327.0	93,616.0	70,648.0	86,071.0	149.1	153.0	10,534,868	13,167,741	Bu.
Corn for Silage .....			6,477.0		16.2		104,849		Ton
Hay, All .....			60,807.0	61,789.0	2.33	2.39	141,666	147,964	Ton
Alfalfa .....			21,384.0	21,451.0	3.35	3.37	71,666	72,347	Ton
All Other .....			39,423.0	40,338.0	1.78	1.87	70,000	75,617	Ton
Oats .....	4,168.0	3,760.0	1,566.0	1,505.0	59.8	60.9	93,638	91,599	Bu.
Rye .....	1,396.0	1,376.0	274.0	289.0	26.3	27.4	7,193	7,914	Bu.
Sorghum for Grain <sup>2</sup>	6,522.0	7,704.0	4,937.0	6,702.0	56.2	76.8	277,538	514,681	Bu.
Sorghum for Silage			347.0		13.4		4,642		Ton
Wheat, All .....	57,344.0	60,433.0	46,810.0	51,011.0	38.7	40.5	1,812,036	2,066,722	Bu.
Winter .....	40,575.0	44,987.0	31,117.0	35,952.0	41.7	42.2	1,298,081	1,515,989	Bu.
Durum.....	1,870.0	2,149.0	1,815.0	2,112.0	29.5	33.9	53,475	71,686	Bu.
Other Spring .....	14,899.0	13,297.0	13,878.0	12,947.0	33.2	37.0	460,480	479,047	Bu.
<b>OILSEEDS:</b>									
Canola .....	1,044.0	1,183.0	1,021.0	1,144.0	1,366	1,312	1,394,332	1,501,341	Lb.
Flaxseed .....	813.0	465.0	767.0	453.0	14.4		11,019		Bu.
Mustard Seed .....	40.5	57.5	39.2	54.8	720		28,220		Lb.
Rapeseed .....	1.4	1.4	1.0	1.2	1,100		1,100		Lb.
Safflower .....	189.0	170.0	179.0	162.5	1,069		191,405		Lb.
Soybeans for Beans	75,522.0	63,669.0	74,602.0	62,818.0	42.7	41.3	3,188,247	2,594,275	Bu.
Sunflower .....	1,950.0	2,075.0	1,770.0	1,970.0	1,211	1,468	2,143,613	2,891,985	Lb.

<sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2006 crop year. <sup>2</sup> Area planted for all purposes.



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## GENERAL CROP COMMENTS, NOVEMBER 2007

In the Pacific Northwest, heavy precipitation (up to 12 inches in some areas) fell west of the Cascade Mountains, while other areas west of the Rocky Mountains experienced light to moderate precipitation. Throughout the Great Plains, the northwestern Corn Belt, and along the Atlantic Coastal Plains, precipitation during the month was extremely light and scattered. In the southern and eastern areas of the Corn Belt, moderate precipitation was evident while from east Texas stretching north and east into New England, moderate to heavy rainfall was experienced during the month. Temperatures ranged within 4 degrees Fahrenheit of normal for most of the Nation during November. Overall, temperatures averaged from normal to below normal east of the Mississippi River and averaged from normal to above normal in most areas west of the Mississippi River. The exception was in some parts of the Pacific Northwest where the average temperatures were slightly below normal.

Corn harvest continued to progress ahead of the normal pace. By November 18, growers had harvested 97 percent of their acreage, 4 points ahead of last year and 3 points ahead of normal. Harvest was at or ahead of normal in all States but lagged slightly behind last year's pace in the Dakotas. Harvest was complete or nearly complete in all States except Michigan, Pennsylvania, South Dakota, and Wisconsin.

The sorghum harvest remained 10 or more points ahead of last year's pace and normal during the month of November. By November 18, ninety-seven percent of the crop had been reaped, compared with 87 percent last year and 86 percent for the 5-year average. Early in the month, acreage was completely harvested in Arkansas and Louisiana. By November 18, harvest in Illinois and South Dakotas had also been completed while in all other States except Oklahoma, harvest was nearly complete.

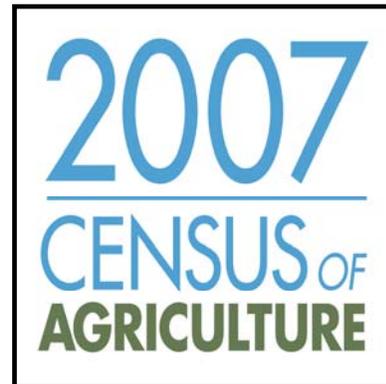
Winter wheat planting was nearly complete by November 11, one point behind last year's pace but the same as the 5-year average. Planting was complete or nearly complete everywhere except Arkansas, California, Missouri, North Carolina, and Texas. Emergence of the crop remained behind the pace of last year and normal throughout the month. By November 25, eighty-nine percent of the acreage had emerged, 4 points behind both last year and normal. Development lagged behind normal by 12 or more points in Oklahoma and Texas, where producers were late getting fall seedings in the ground and rainfall has been light.

The Nation's soybean crop was 97 percent harvested by November 11, ahead of last year and the 5-year average by 3 percent. Growers had completed harvest in Louisiana, Minnesota, the Dakotas, and Ohio. Elsewhere, all remaining soybean States were nearing harvest completion with no more than 11 percent of their crop remaining in the fields, except in North Carolina, where producers only had 39 percent of their acreage reaped on November 11, ahead of their normal pace of 31 percent. As harvest was winding down, producers in Kentucky and Tennessee were well ahead of their normal harvest pace.

Sunflower harvest remained 4 points ahead of normal during the month with harvest at 96 percent complete by November 18. Activity was winding down 4 points ahead of normal but slightly behind last year. The crop was being harvested ahead of normal in all States except South Dakota. Producers had completed harvest in Kansas and were near completion elsewhere except in South Dakota.

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