

Kentucky Agri-News

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Featuring: ▶ **2006 Annual Crop Summary** ▶ **Acreage** ▶ **Grain Stocks**
 ▶ **Small Grains** ▶ **Winter Wheat** ▶ **Dairy Products**

2006 ANNUAL CROP SUMMARY

U.S. HIGHLIGHTS

U.S. corn production was estimated at 10.5 billion bushels, down 5 percent from 2005. The average yield was estimated at 149.1 bushels per acre, 1.1 bushels above 2005. The 2006 yield estimate was the second highest on record, behind 2004, while the production estimate was the third largest on record.

U.S. soybean production in 2006 totaled 3.19 billion bushels, the largest soybean crop on record. This was 4 percent above the 2005 production. The average yield per acre was estimated at 42.7 bushels, 0.3 bushel below last year's record high yield.

Production in the burley producing states totaled 217.1 million pounds in 2006 up 7 percent from a year ago. Kentucky produced 71 percent of the U.S. production. Yield per acre averaged 2,095 pounds, 64 pounds above last year.

KENTUCKY

Crop production in Kentucky benefited from a good growing season with adequate rainfall and moderate temperatures. Corn, soybean and burley tobacco yields were very good. Soybean harvested acreage for 2006 was up 130,000 acres from the 2005 crop while corn for grain acreage was down 140,000 acres.

Corn production was estimated at 151.8 million bushels, down 3 percent from the 2005 crop. The smaller crop was brought about by a reduction in acreage harvested as yield per acre was the second highest on record. The good yielding corn crop resulted from favorable spring planting conditions combined with good growing conditions (adequate to surplus soil moisture and moderate temperatures) during the summer. Fall provided good harvesting conditions but late harvesting was slowed due to wet weather. Yield was estimated at 146 bushels per acre, an increase of 14 bushels from the 2005 crop. The record high of 152 bushels per acre occurred in 2004. Acreage harvested for grain was estimated at 1.04 million acres, down 140,000 acres from the 2005 crop and the smallest harvested for grain acreage since 1983.

Production of soybeans was estimated at a record high 60.3 million bushels, up 13 percent from the 2005 crop. The previous high of 57.2 million bushels occurred in 2004. The increase was brought about by a larger harvested acreage and record tying high yield per acre. Most soybeans were planted ahead of schedule. The lack of moisture at the beginning of the season and the spottiness of rain received concerned farmers, but rain was received at the most critical periods and yields were good for both single and double cropped beans. Wet conditions slowed harvesting of the soybean crop. Yield was estimated at 44 bushels per acre, up one bushel from the 2005 crop and tying the record set in 2004. Harvested acreage was estimated at 1.37 million acres, an increase of 130,000 acres from 2005. This was the largest harvested acreage since 1984.

Burley production was estimated at 153.3 million pounds, an increase of 7 percent from the 2005 crop. The production increase resulted from more acreage harvested and a higher yield per acre. Most producers had excellent growing conditions and harvested a good crop. Dry weather conditions caused some early curing problems while wet weather resulted in delayed harvesting of late tobacco. Finding adequate labor was a major problem and caused a few fields not to be harvested. Yield was estimated at 2,100 pounds per acre, up 50 pounds from the previous year and the highest yield in five years. Harvested acreage was estimated at 73,000 acres, up 3,000 acres from the 2005 crop.

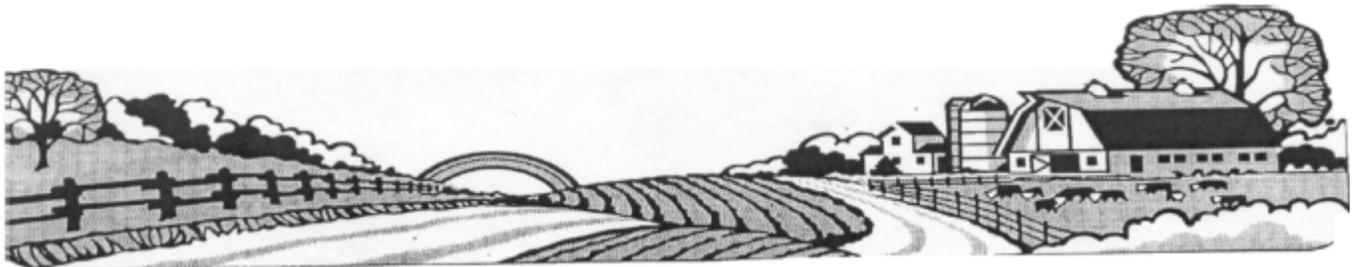
Production of dark fire-cured tobacco totaled 21.0 million pounds, up 3 percent from the 2005 crop. Dark air-cured tobacco production was 12.4 million pounds, up 20 percent from the previous year.

Alfalfa hay production was estimated at 1.04 million tons, up 25 percent from the previous year. This would be the largest production since 1996. Yield per acre was estimated at 3.7 tons per acre, up 0.5 tons from 2005. Harvested acreage at 280,000 acres was the largest in four years. Other hay production was estimated at 5.28 million tons, up 7 percent from the 2005 crop. Yield was estimated at 2.4 tons per acre, an increase of 0.1 tons per acre. Crop conditions were mostly favorable this year. Frequent showers benefited growth while delaying harvest and drying in some areas.

**ANNUAL CROP SUMMARY 2005-2006
HARVESTED ACREAGE, YIELD, AND PRODUCTION, KENTUCKY AND UNITED STATES**

CROPS	UNIT	ACREAGE HARVESTED		YIELD PER ACRE		PRODUCTION		
		2005	2006	2005	2006	2005	2006	'06 as % of '05
		(Thousand)				(Thousand)		
KENTUCKY								
Corn for Grain	Bu	1,180	1,040	132.0	146.0	155,760	151,840	97
Soybeans for Beans	Bu	1,240 <u>1/</u>	1,370	43.0	44.0	53,320 <u>1/</u>	60,280	113
All Wheat	Bu	300	320	68.0	71.0	20,400	22,720	111
Barley	Bu	9	14	83.0	88.0	747	1,232	165
Sorghum for Grain	Bu	24	16	90.0	85.0	2,160	1,360	63
Hay:								
All	Ton	2,410	2,480	2.40	2.55	5,777	6,316	109
Alfalfa	Ton	260	280	3.20	3.70	832	1,036	125
All Other	Ton	2,150	2,200	2.30	2.40	4,945	5,280	107
Tobacco:								
All	Lbs	79.70	83.00	2,186	2,249	174,260	186,700	107
Burley	Lbs	70.00	73.00	2,050	2,100	143,500	153,300	107
Dark Fire-Cured	Lbs	6.00	6.00	3,400	3,500	20,400	21,000	103
Dark Air-Cured	Lbs	3.70	4.00	2,800	3,100	10,360	12,400	120
UNITED STATES								
Corn for Grain	Bu	75,117 <u>1/</u>	70,648	148.0 <u>1/</u>	149.1	11,114,082 <u>1/</u>	10,534,868	95
Soybeans for Beans	Bu	71,251 <u>1/</u>	74,602	43.0	42.7	3,063,237 <u>1/</u>	3,188,247	104
All Wheat	Bu	50,119	46,810	42.0	38.7	2,104,690	1,812,036	86
Barley	Bu	3,269	2,951	64.8	61.0	211,896	180,051	85
Sorghum for Grain	Bu	5,736	4,937	68.5 <u>1/</u>	56.2	392,933 <u>1/</u>	277,538	71
Hay:								
All	Ton	61,729 <u>1/</u>	60,807	2.45 <u>1/</u>	2.33	151,017 <u>1/</u>	141,666	94
Alfalfa	Ton	22,439 <u>1/</u>	21,384	3.39 <u>1/</u>	3.35	76,149 <u>1/</u>	71,666	94
All Other	Ton	39,290 <u>1/</u>	39,423	1.91	1.78	74,868 <u>1/</u>	70,000	93
Tobacco:								
All	Lbs	297.08 <u>1/</u>	338.95	2,171	2,144	645,015 <u>1/</u>	726,724	113
Burley	Lbs	100.15	103.60	2,031	2,095	203,383	217,085	107
Dark Fire-Cured	Lbs	11.84	11.65	3,178	3,321	37,631	38,695	103
Dark Air-Cured	Lbs	4.15	4.50	2,778	3,061	11,530	13,775	119

1/Revised.



PLANTED ACREAGE, KENTUCKY & UNITED STATES

CROPS	KENTUCKY			UNITED STATES		
	2005	2006	2006 % of 2005	2005	2006	2006 % of 2005
	(Thousand Acres)			(Thousand Acres)		
Corn, All	1,250	1,120	90	81,779 <u>2/</u>	78,327	96
Soybeans	1,250 <u>2/</u>	1,380	110	72,032 <u>2/</u>	75,522	105
All Wheat <u>1/</u>	390	430	110	57,229	57,344	100
Barley <u>1/</u>	10	15	150	3,875	3,452	89
All Sorghum	25	18	72	6,454	6,522	101

1/Includes acreage planted preceding fall. 2/Revised.

KENTUCKY CORN STOCKS DECLINE

Kentucky corn stocks totaled 99.1 million bushels on December 1, 2006. This was down 9.72 million bushels from the large December 1, 2005 stocks of 108.8 million bushels. The 2005 corn stocks had been the largest in four years. Corn stored off-farm totaled 23.1 million bushels, down 1.72 million bushels from December 1, 2005. Off-farm stocks include grain stored at mills, elevators, warehouses, terminals and processors. On-farm stocks totaled 76.0 million bushels, down 8.00 million bushels from December 1, 2005.

In addition to corn, only off-farm soybeans and all wheat stocks were estimated for the State. **Soybean** stocks for December 1, 2006 totaled 11.9 million bushels. This was up 1.65 million bushels from a year earlier and the largest December soybean stocks in nine years.

All wheat stocks were estimated at 8.64 million bushels, up 443,000 bushels from December 1, 2005 and the largest on record. Off-farm all wheat stocks were first estimated in 1945.

U.S. 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 were stored on farms, down 11 percent from a year earlier. Off-farm stocks, at 3.30 billion bushels, were down 5 percent from a year ago. **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, were up 7 percent from last December.

KENTUCKY AND UNITED STATES STOCKS OF GRAIN, DECEMBER 1, 2006 WITH COMPARISONS

CROP	POSITION	KENTUCKY			UNITED STATES		
		Dec. 1 2005	Sept. 1 2006	Dec. 1 2006	Dec. 1 2005	Sept. 1 2006	Dec. 1 2006
(Thousand Bushels)							
Corn	On-Farm	84,000	3,500	76,000	6,325,000	749,500	5,627,000
	Off-Farm <u>1/</u>	24,817	4,004	23,102	3,489,957	1,217,661 <u>5/</u>	3,302,820
	Total	108,817	7,504	99,102	9,814,957	1,967,161 <u>5/</u>	8,929,820
Sorghum	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	55,000	5,250	38,100
	Off-Farm <u>1/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	235,376	60,413 <u>5/</u>	168,570
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	290,376	65,663 <u>5/</u>	206,670
Oats	On-Farm	<u>3/</u>	<u>3/</u>	<u>3/</u>	60,100	60,800 <u>5/</u>	53,000
	Off-Farm <u>1/</u>	116	82	<u>4/</u>	35,617	39,284 <u>5/</u>	43,244
	Total	116	82	<u>4/</u>	95,717	100,084 <u>5/</u>	96,244
Barley	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	103,650	112,850 <u>5/</u>	83,650
	Off-Farm <u>1/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	104,335	99,939 <u>5/</u>	89,064
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	207,985	212,789 <u>5/</u>	172,714
All Wheat	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	513,010	572,020	403,250
	Off-Farm <u>1/</u>	8,200	11,350	8,643	916,414	1,178,524 <u>5/</u>	911,364
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	1,429,424	1,750,544 <u>5/</u>	1,314,614
Soybeans	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	1,345,000	176,300	1,461,000
	Off-Farm <u>1/</u>	10,303	1,371	11,948	1,156,426 <u>5/</u>	273,026 <u>5/</u>	1,236,498
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	2,501,426 <u>5/</u>	449,326 <u>5/</u>	2,697,498

1/ Includes stocks at mills, elevators, warehouses, terminals and processors. 2/ Kentucky is a minor State, not published separately. 3/ On-Farm oats stock estimates not made. 4/ Not published to avoid disclosure of individual operations. 5/ Revised.

GRAIN STORAGE CAPACITY

Kentucky on-farm grain storage capacity on December 1 totaled 175.0 million bushels, an increase of 5.00 million bushels from December 1, 2005. This was the largest capacity in seven years. Farmers have been expanding their on-farm capacity since hitting a low of 150.0 million bushels in 2002. On-farm storage capacity has been estimated for 20 years. Capacity includes all bins, cribs, sheds and other structures normally used to store whole grains or oilseeds on farms. **Off-farm** commercial facilities numbered 190 with a capacity of 65.0 million bushels. This was down 5 operations from 2005 while storage capacity was up 1.00 million bushels.

U.S. on-farm grain storage capacity totaled 11.6 billion bushels on December 1, 2006, up 1 percent from December 1, 2005. Iowa continued to lead all States in on-farm storage capacity with 1.80 billion bushels, followed by Illinois, with 1.30 billion bushels, and Minnesota, with 1.27 billion bushels. **Off-farm** commercial storage facilities totaled 9,348 on December 1, 2006, with capacity of 8.77 billion bushels. Facility count decreased 148 from December 1, 2005 while capacity increased 226.5 million bushels. Illinois had the largest number of facilities with 930 and the largest capacity with 1.24 billion bushels.

**OFF-FARM STORAGE CAPACITY, SELECTED STATES,
DECEMBER 1, 2005 & 2006**

STATE	Number of Off-Farm Facilities		Rated Off-Farm Storage Capacity	
	12-1-05	12-1-06	12-1-05	12-1-06
	1,000 bushels			
Illinois	950	930	1,157,100	1,237,800
Indiana	410	405	366,300	372,600
KENTUCKY	195	190	64,000	65,000
Missouri	382	371	218,000	225,000
Ohio	447	421	360,750	353,160
Tennessee	180	178	47,800	50,000
UNITED STATES	9,496	9,348	8,540,310	8,766,762

Off-farm capacity data includes all elevators, warehouses, terminals, merchant mills, other storage and oilseed crushers which store grains, soybeans, sunflowers, or flaxseed.

WINTER WHEAT ACREAGE DOWN FROM PREVIOUS YEAR

Farmers in **Kentucky** seeded an estimated 400,000 acres to **winter wheat** during the fall of 2006 for 2007. This was down 30,000 acres from the 2006 revised seeded acreage of 430,000 acres. Winter wheat in Kentucky is utilized for grain, hay, and as a cover crop plowed down prior to setting tobacco. Seeded acreage of winter wheat has declined in recent years as less cover crop was needed on tobacco acres which declined significantly due to the 2004 tobacco buyout. Seeding of winter wheat started in early October with wet weather hampering progress. As seeding continued, farmers were behind seeding progress in 2005 but ahead of the five year average. Farmers reported good germination at the end of October but were concerned about ponding in some fields due to above average amounts of rainfall received. Wet weather continued during the rest of the seeding season. In early November most of the germinated crop was in good to excellent condition. December temperatures and moisture were mostly above average which was good for wheat germination and growth.

U.S. winter wheat planted area for 2007 was estimated at 44.1 million acres, up 9 percent from 2006. Seeding began last August and was slightly behind the 5-year average pace because of a lack of moisture in the southern Great Plains during September and much of October. Precipitation during mid-October relieved moisture concerns somewhat in major producing areas. Warm dry conditions in November allowed seeding to advance at normal pace during the month. Nearly all of the U.S. acreage was seeded by December 1 with the exception of some intended acres in the Southeast and California. Seeding should finish this month in

California. The winter wheat crop condition at the end of November was rated at 53 percent good to excellent compared with 52 percent last year. Soft Red Winter wheat area, at about 8.33 million acres, was up 13 percent from last year. Kentucky seeds soft red winter wheat. Large acreage increases occurred in most growing States due largely to strong prices and ideal planting and germination conditions. Acreage was above last year's level in all States in the southern portion of the growing area. Kansas still remains the Nation's leading winter wheat state with 10.3 million acres. Oklahoma was second with 6.10 million acres followed by Texas with 6.00 million acres.

WINTER WHEAT SEEDED ACREAGE SELECTED STATES & U.S., 2006-2007

State	Acreage Seeded ^{1/}		
	2006 Crop	2007 Crop	07 % of 06
	(1,000)		
Illinois	930	970	104
Indiana	470	410	87
Kansas	9,800	10,300	105
KENTUCKY	430	400	93
Missouri	1,000	1,050	105
Ohio	990	870	88
Oklahoma	5,700	6,100	107
Tennessee	280	380	136
Texas	5,550	6,000	108
U. S.	40,575	44,089	109

^{1/}Total acreage seeded for all purposes.

U.S. DAIRY PRODUCTS, NOVEMBER 2006

PRODUCT	November 2005	October 2006 ^{1/}	November 2006	Percent of	
				Nov. 05	Oct. 06
BUTTER	110,905	118,598	115,686	104	98
CHEESE					
American Types ^{2/}	313,195	321,234	316,253	101	98
Mozzarella	252,933	263,140	259,459	103	99
All Other Types ^{3/}	199,933	215,964	213,992	107	99
Total	766,061	800,338	789,704	103	99
FROZEN PRODUCTS					
Ice Cream (Hard)	61,133	64,360	57,943	95	90
Frozen Yogurt (Total)	4,419	4,948	4,490	102	91
MIX FOR FROZEN PRODUCTS					
Ice Cream Mix	33,883	35,953	32,427	96	90
Yogurt Mix	2,748	2,999	2,721	99	91

^{1/}Revised. ^{2/} Includes Cheddar, Colby, Monterey, and Jack. ^{3/}Includes Swiss, cream and all other types. Excludes cottage cheese.

Internet Access: Data including this report are available free of charge on our Internet homepage located at <http://www.nass.usda.gov/ky>. Links to the Kentucky Department of Agriculture, the University of Kentucky Agricultural Weather Center and other web sites related to Kentucky Agriculture are also included. National & State reports and data are available on the USDA, National Agricultural Statistics Service homepage located at <http://www.usda.gov/nass/>