

Kentucky Agri-News

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Featuring: ▶ **2005 Annual Crop Summary** ▶ **Acreage** ▶ **Grain Stocks**
▶ **Small Grains** ▶ **Winter Wheat** ▶ **Dairy Products**

2005 ANNUAL CROP SUMMARY

U.S. HIGHLIGHTS

Corn for grain production was estimated at 11.1 billion bushels, down 6 percent from the 11.8 billion bushels produced in 2004. The average yield was estimated at 147.9 bushels per acre, down 12.5 bushels from 2004. The 2005 production and yield estimates were the second largest on record, behind last year.

Soybean production for 2005 totaled 3.09 billion bushels, the second largest soybean crop on record. This was 1 percent below the record setting 2004 crop. The average yield per acre was estimated at a record high 43.3 bushels, 1.1 bushels above the 2004 final yield.

Production in the **burley producing states** totaled 195.4 million pounds in 2005, down 33 percent from a year ago. Kentucky produced 70 percent of the U.S. production. Yield per acre averaged 1,952 pounds, 44 pounds above last year.

KENTUCKY

Crop production for 2005 was limited by a hot dry, early summer. Corn and single crop soybean planting for 2005 was completed ahead of the previous year and average. Adequate soil moisture turned dry in June and remained dry through July. During August spotty storms brought rain to scattered areas of the State. The August rains helped with soybean pod fill and development but did little to improve corn yields. In September and October, little rain was received and temperatures were warm. The dry weather was ideal for corn and soybean harvesting but resulted in some tobacco curing too fast.

Production of **corn** was estimated at 155.8 million bushels, down 10 percent from the 2004 crop. The smaller production resulted from a decrease in yield brought about by the dry summer. Harvesting conditions this past fall were ideal. Farmers reported a better than expected crop. Corn for grain yield was estimated at 132 bushels per acre. Yield was down 20 bushels from 2004 and was the smallest yield in three years. Acreage harvested for grain was estimated at 1.18 million acres, the largest harvested acreage in five years.

Soybean production was estimated at 53.8 million bushels. The production was down 6 percent from the 2004 crop and the smallest crop in three years. The smaller crop resulted from a decrease in harvested acreage and yield per acre. Yield at 43 bushels per acre was down one bushel from the previous year and harvested acreage estimated at 1.25 million acres was down 50,000 acres from 2004. Growing season for soybeans began early and most soybeans were planted ahead of schedule. The lack of moisture through most of the summer concerned many farmers but rain received from the hurricanes in August resulted in a better yield than expected. Late maturing soybeans suffered no frost damage. Harvesting conditions were excellent. Farmers indicted better than expected yields on both single and double crop soybeans.

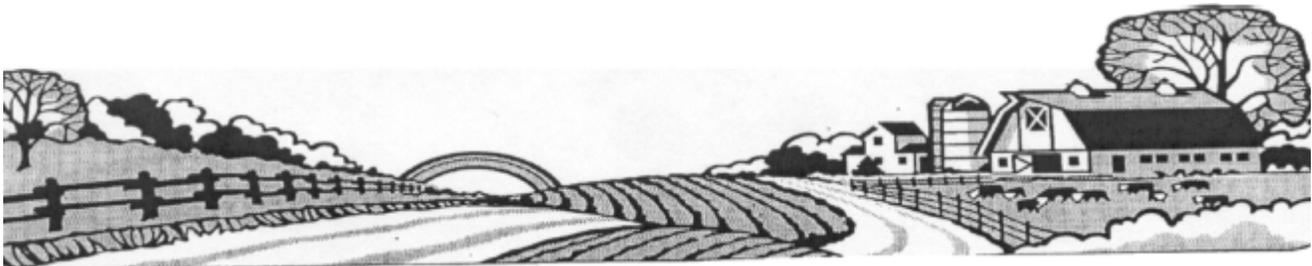
Burley tobacco production was estimated at 136.5 million pounds, down 34 percent from the 2004 crop. This is the smallest crop since 1927. The smaller 2005 crop resulted from a 36,000 acre decrease in harvested acreage from the previous year. Many farmers quit raising burley as a result of the tobacco buyout in the fall of 2004. Harvested acreage was estimated at 70,000 acres, the smallest acreage on record since records started being kept in 1919. Yield was estimated at 1,950 pounds per acre, unchanged from the 2004 crop. Some farmers had excellent growing conditions and harvested a good crop. Other farmers had a lower yield due to black shank, dry soil conditions, hail, flooding and/or wind damage. A dry fall hindered curing of the tobacco. Production of **dark fired** tobacco totaled 20.4 million pounds, a 13 percent increase from the 2004 crop. **Dark air** tobacco production was 10.4 million pounds, up less than 1 percent from a year earlier.

Alfalfa hay production was estimated at 832,000 tons, down 6 percent from a year earlier. Yield per acre was estimated at 3.20 tons per acre, down 0.5 tons from a year earlier. **Other hay** production was estimated at 4.95 million tons, down 2 percent from the 2004 crop. Yield averaged 2.30 tons per acre, down 0.1 tons from the previous year. Growing conditions were adequate for a good spring hay cutting. Hot dry weather from early summer through mid-autumn reduced summer hay yields.

ANNUAL CROP SUMMARY 2004-2005
HARVESTED ACREAGE, YIELD, AND PRODUCTION, KENTUCKY AND UNITED STATES

CROPS	UNIT	ACREAGE HARVESTED		YIELD PER ACRE		PRODUCTION		
		2004	2005	2004	2005	2004	2005	'05 as % of '04
		(Thousand)				(Thousand)		
KENTUCKY								
Corn for Grain	Bu	1,140	1,180	152.0	132.0	173,280	155,760	90
Soybeans for Beans	Bu	1,300	1,250	44.0	43.0	57,200	53,750	94
All Wheat	Bu	380	300	54.0	68.0	20,520	20,400	99
Barley	Bu	8	9	77.0	83.0	616	747	121
Sorghum for Grain	Bu	13	24	80.0	90.0	1,040	2,160	208
Hay:								
All	Ton	2,340	2,410	2.53	2.40	5,928	5,777	97
Alfalfa	Ton	240	260	3.70	3.20	888	832	94
All Other	Ton	2,100	2,150	2.40	2.30	5,040	4,945	98
Tobacco:								
All	Lbs	114.95	79.70	2,044	2,099	235,003	167,260	71
Burley	Lbs	106.00	70.00	1,950	1,950	206,700	136,500	66
Dark Fire	Lbs	5.30	6.00	3,394	3,400	17,990	20,400	113
Dark Air	Lbs	3.65	3.70	2,825	2,800	10,313	10,360	100
UNITED STATES								
Corn for Grain	Bu	73,631 <u>1/</u>	75,107	160.4	147.9	11,807,086 <u>1/</u>	11,112,072	94
Soybeans for Beans	Bu	73,958	71,361	42.2 <u>1/</u>	43.3	3,123,686 <u>1/</u>	3,086,432	99
All Wheat	Bu	49,999	50,119	43.2	42.0	2,158,245	2,104,690	98
Barley	Bu	4,021	3,269	69.6 <u>1/</u>	64.8	279,743 <u>1/</u>	211,896	76
Sorghum for Grain	Bu	6,517	5,736	69.6 <u>1/</u>	68.7	453,654 <u>1/</u>	393,893	87
Hay:								
All	Ton	61,966 <u>1/</u>	61,649	2.55	2.44	158,247 <u>1/</u>	150,590	95
Alfalfa	Ton	21,707	22,389	3.48 <u>1/</u>	3.38	75,481 <u>1/</u>	75,771	100
All Other	Ton	40,259 <u>1/</u>	39,260	2.06 <u>1/</u>	1.91	82,766 <u>1/</u>	74,819	90
Tobacco:								
All	Lbs	408.05 <u>1/</u>	298.02	2,161 <u>1/</u>	2,147	881,973 <u>1/</u>	639,709	73
Burley	Lbs	153.15	100.10	1,908	1,952	292,172	195,362	67
Dark Fire	Lbs	11.73 <u>1/</u>	11.84	3,167 <u>1/</u>	3,174	37,151 <u>1/</u>	37,580	101
Dark Air	Lbs	4.26 <u>1/</u>	4.15	2,799 <u>1/</u>	2,778	11,922 <u>1/</u>	11,530	97

1/Revised.



PLANTED ACREAGE, KENTUCKY & UNITED STATES

CROPS	KENTUCKY			UNITED STATES		
	2004	2005	2005 % of 2004	2004	2005	2005 % of 2004
	(Thousand Acres)			(Thousand Acres)		
Corn, All	1,210	1,250	103	80,929 <u>1/</u>	81,759	101
Soybeans	1,310	1,260	96	75,208	72,142	96
All Wheat <u>1/</u>	530	390	74	59,674	57,229	96
Barley <u>1/</u>	9	10	111	4,527	3,875	86
All Sorghum	15	25	167	7,486	6,454	86

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

LARGEST KENTUCKY CORN STOCKS IN FOUR YEARS

Kentucky corn stocks totaled 108.8 million bushels on December 1, 2005. This was up 5.85 million bushels from last year's estimate and was the largest December stocks in four years. Corn stored off-farm totaled 24.8 million bushels, up 1.85 million bushels from December 2004. Off-farm stocks include grain stored at mills, elevators, warehouses, terminals and processors. Off-farm corn stocks were the highest in four years. Off-farm stocks were at a high level due to near record production and low corn prices. On-farm stocks totaled 84.0 million bushels, an increase of 4.00 million bushels from the previous December. On-farm corn stocks are the highest December 1 stocks since 1992. With on-farm stocks, low harvest prices encouraged farmers to hold their corn if they could.

Only off-farm stocks estimates are published for Kentucky's soybeans, all wheat and oats. **Soybean** stocks for December 1, 2005 totaled 10.3 million bushels, down 785,000 bushels from the previous December. **All wheat** stocks were estimated at 8.20 million bushels, 866,000 bushels above December 1, 2004 and the largest

December 1 off-farm wheat stocks on record. Estimates of off-farm all wheat stocks started in 1945. **Oats** stocks totaled 116,000 bushels.

U.S. corn stocks in all positions on December 1, 2005 totaled 9.81 billion bushels, up 4 percent from December 1, 2004. Of the total stocks, 6.33 billion bushels were stored on farms, up 3 percent from a year earlier. Off-farm stocks, at 3.49 billion bushels, were up 5 percent from a year ago. **Soybeans** stored in all positions on December 1, 2005 totaled 2.50 billion bushels, up 9 percent from December 1, 2004. Soybean stocks stored on farm totaled 1.35 billion bushels, up 3 percent from a year ago. Off-farm stocks, at 1.16 billion bushels, were up 15 percent from last December. **All wheat** stored in all positions on December 1, 2005 totaled 1.43 billion bushels, down slightly from a year ago. On-farm stocks were estimated at 513 million bushels, down 3 percent from last December. Off-farm stocks, at 917 million bushels, were up 2 percent from a year ago.

KENTUCKY AND UNITED STATES STOCKS OF GRAIN, DECEMBER 1, 2005 WITH COMPARISONS

CROP	POSITION	KENTUCKY			UNITED STATES		
		Dec. 1 2004	Sept. 1 2005	Dec. 1 2005	Dec. 1 2004	Sept. 1 2005	Dec. 1 2005
(Thousand Bushels)							
Corn	On-Farm	80,000	8,200	84,000	6,144,000	820,500	6,325,000
	Off-Farm <u>1/</u>	22,967	5,332	24,817	3,308,488 <u>5/</u>	1,293,472 <u>5/</u>	3,487,835
	Total	102,967	13,532	108,817	9,452,488 <u>5/</u>	2,113,972 <u>5/</u>	9,812,835
Sorghum	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	78,700	5,900	55,000
	Off-Farm <u>1/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	203,505	51,041 <u>5/</u>	233,891
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	282,205	56,941 <u>5/</u>	288,891
Oats	On-Farm	<u>3/</u>	<u>3/</u>	<u>3/</u>	60,400	71,700 <u>5/</u>	60,100
	Off-Farm <u>1/</u>	<u>4/</u>	206	116	44,513	41,803 <u>5/</u>	35,635
	Total	<u>4/</u>	206	116	104,913	113,503 <u>5/</u>	95,735
Barley	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	130,700	137,400	103,650
	Off-Farm <u>1/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	115,276	117,511 <u>5/</u>	104,335
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	245,976	254,911 <u>5/</u>	207,985
All Wheat	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	531,020	721,360 <u>5/</u>	513,000
	Off-Farm <u>1/</u>	7,334	11,288	8,200	899,306	1,201,931 <u>5/</u>	916,531
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	1,430,326	1,923,291 <u>5/</u>	1,429,531
Soybeans	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	1,300,000	99,700	1,345,000
	Off-Farm <u>1/</u>	11,088	<u>4/</u>	10,303	1,004,640	156,038 <u>5/</u>	1,157,389
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	2,304,640	255,738 <u>5/</u>	2,502,389

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

On-farm storage capacity by **Kentucky** farmers on December 1, 2005 totaled 170.0 million bushels, unchanged from December 1, 2004. Capacity included all bins, cribs, sheds and other structures normally used to store whole grains or oilseeds located on farms. **Off-farm** commercial facilities numbered 195 with 64.0 million bushels in storage. Count of total operations was unchanged from 2004 while storage capacity was up 1.00 million bushels.

U.S. on-farm grain storage capacity totaled 11.4 billion bushels on December 1, 2005, up 1 percent from December 1, 2004. Iowa continued to lead all States in on-farm storage capacity with 1.72 billion bushels, followed by Illinois with 1.26 billion bushels and Minnesota with 1.25 billion bushels. **Off-farm** commercial storage facilities numbered 9,498 on December 1, 2005, with capacity of 8.53 billion bushels. Facility count decreased 110 from December 1, 2004 and capacity increased slightly. Illinois had the largest number of facilities with 950 and the largest capacity with 1.16 billion bushels.

**OFF-FARM STORAGE CAPACITY, SELECTED STATES,
DECEMBER 1, 2004 & 2005**

STATE	Number of Off-Farm Facilities		Rated Off-Farm Storage Capacity	
	12-1-04	12-1-05	12-1-04	12-1-05
			1,000 bushels	
Illinois	960	960	1,154,800	1,157,100
Indiana	410	410	364,400	366,300
KENTUCKY	195	195	63,000	64,000
Missouri	390 <u>1/</u>	382	218,500 <u>1/</u>	218,000
Ohio	440	447	357,230	360,750
Tennessee	196	180	57,000 <u>1/</u>	47,800
UNITED STATES	9,608 <u>1/</u>	9,498	8,521,156 <u>1/</u>	8,530,179

Off-farm capacity data includes all elevators, warehouses, terminals, merchant mills, other storage and oilseed crushers which store grains, soybeans, sunflowers, or flaxseed. 1/Revised.

SMALLEST KENTUCKY WINTER WHEAT ACREAGE IN 27 YEARS

Kentucky farmers seeded an estimated 390,000 acres to **winter wheat** during the fall of 2005 for the 2006 crop. This would be the smallest seeded acreage since 1980. Acreage was unchanged from the previously downward revised 2005 crop. Winter wheat seeded in Kentucky is utilized for grain, hay and as a cover crop plowed down prior to setting tobacco. Smaller acreage planted to tobacco has brought about much of the seeded acreage reduction. The year before the tobacco buyout in 2004, 530,000 acres of winter wheat had been seeded. Seeding of winter wheat started in early October with warm dry weather. As seeding continued, farmers were in need of rain for seed germination. Rain in mid-October was beneficial for germination. By the first week of November, 90 percent of the intended acreage had been seeded. Going into winter, germination and plant growth was spotty and the germinated crop was in mostly good to fair condition. Good growing conditions were experienced through early December.

U.S. winter wheat seeded area for 2006 was expected to total 41.4 million acres, up 2 percent from 2005. Seeding began last August and was 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 and allowed seeding to advance ahead of the 5-year average during the latter part of the month as mild and dry weather conditions prevailed. 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 52 percent good to

excellent compared with 76 percent last year. Soft Red Winter wheat seeded area, at about 7.3 million acres, was up 19 percent from last year. Kentucky seeds soft red winter wheat. Large acreage increases occurred in most growing States due largely to ideal planting and germination conditions. This was in contrast to last year when wet fall weather conditions prevented operators from planting all of the acreage that they would normally plant. Kansas still remains the Nation's leading winter wheat state with 10.2 million acres. Oklahoma and Texas were second with 5.80 million acres followed by Colorado with 2.40 million acres.

WINTER WHEAT SEEDED ACREAGE
SELECTED STATES & U.S., 2005-2006

State	Acreage Seeded ^{1/}		
	2005 Crop	2006 Crop	06 % of 05
	(1,000)		
Illinois	630	860	137
Indiana	360	460	128
Kansas	10,000	10,200	102
KENTUCKY	390	390	100
Missouri	590	1,000	169
Ohio	860	990	115
Oklahoma	5,700	5,800	102
Tennessee	240	300	125
Texas	5,500	5,800	105
U. S.	40,433 ^{1/}	41,367	102

^{1/}Total acreage seeded for all purposes. ^{2/}Revised.

U.S. DAIRY PRODUCTS, NOVEMBER 2005

PRODUCT	November	October	November	Percent of	
	2004	2005 ^{1/}	2005	Nov. 04	Oct. 05
	(000) Pounds			Percent	
BUTTER	101,376	107,237	110,144	109	103
CHEESE					
American Types ^{2/}	302,611	311,497	312,178	103	100
Mozzarella	249,669	243,027	251,798	101	104
All Other Types ^{3/}	202,065	203,725	197,510	98	97
Total	754,345	758,249	761,486	101	100
	(000) Gallons			Percent	
FROZEN PRODUCTS					
Ice Cream (Hard)	59,116	68,674	61,809	105	90
Frozen Yogurt (Total)	4,705	4,690	4,218	90	90
MIX FOR FROZEN PRODUCTS					
Ice Cream Mix	33,245	36,330	34,176	103	94
Yogurt Mix	2,687	2,759	2,481	92	90

^{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/>