

# KENTUCKY AGRI-NEWS



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Volume No. 19 Issue No. 2  
Released: January 13, 2000

Published twice monthly

**THANK YOU KENTUCKY FARMERS AND AGRI-BUSINESSES  
FOR VOLUNTARILY PROVIDING BASIC AGRICULTURAL INFORMATION**

## 1999 ANNUAL CROP SUMMARY

### U.S. HIGHLIGHTS

**Corn for grain** production was estimated at 9.44 billion bushels, down 3 percent from the 1998 crop and down 1 percent from the November 1 forecast. The 1999 production ranks the fourth highest production on record behind the 1994, 1998, and 1992 respective crop years. Yield of 133.8 bushels per acre, was down 0.6 bushel from last year.

**Soybean** production in 1999 totaled 2.64 billion bushels, down 1 percent from the November 1 forecast, 4 percent below 1998 and the third highest on record. Average yield per acre was estimated at 36.5 bushels, 2.4 bushels below the 1998 yield.

The **Eight State Burley Belt** produced 544.2 million pounds of burley tobacco, down 7 percent from the 1998 production of 582.3 million pounds. Kentucky farmers produced 69 percent of the Belt's production. Belt yield averaged 1,812 pounds per acre, down 84 pounds from 1998.

### KENTUCKY

Favorable weather and soil conditions helped to get the 1999 crop year off to a good start. Planting of corn and first crop soybeans went well and tobacco setting was nearly ideal. Early hay cuttings were also good. Dry conditions started in late July and lasted through September. Yields of all crops were hurt by the dry, hot summer weather. Crops in Western Kentucky fared better as they received some limited rain during the growing season while Eastern Kentucky remained dry.

Production of **corn** was estimated at 123.9 million bushels, a decrease of 9 percent from 1998. Limited yields of 105 bushels per acre resulted from the hot, dry weather. This was down from 115 bushels in 1998. Early planted corn yielded the best. Harvested for grain acreage at 1.18 million acres was unchanged from 1998. An increased acreage was taken for silage due to low grain yields.

**Soybean** production was estimated at 24.2 million bushels for 1999, a decrease of 33 percent from 1998. Yields were estimated at 21.0 bushels per acre, down 9 bushels per acre from 1998. This was the lowest yield in 16 years. Bean quality

was also down. Planting of spring first crop beans progressed well, but dry conditions started in late July for the newly planted double crop soybeans. Double crop soybeans follow the wheat and barley harvest. These beans had tough going from the start in 1999 due to dry soils. Some second crop soybeans yielded only 5 bushels or less per acre. Harvested acreage at 1.15 million acres was down 4 percent from 1998. Acreage not harvested for beans was bushhogged, plowed down or harvested for hay.

**Burley tobacco** production was estimated at 378.0 million pounds down 9 percent from 1998. The smaller crop was a result from both a decrease in harvested acreage and lower yield. Harvested acreage at 210,000 acres was down 5,000 acres from 1998. The smaller acreage resulted from a reduction in effective quota. Yield per acre at 1,800 pounds was down 135 pounds from 1998. This was the lowest yield in 16 years. Growing conditions at setting were nearly ideal but as the growing season progressed soils turned dry in July and remained so through September. As farmers cut and housed their tobacco in August and September much of it dried out instead of curing slowly as preferred. Much of the tobacco was light in color and poor in quality. Burley auction sales through the Christmas break were disappointing as much of the crop was going to the tobacco pools instead of being purchased by the tobacco companies. Production of **Dark Fired** tobacco decreased while **Dark Air-cured** tobacco increased.

**Alfalfa hay** production was estimated at 725,000 tons, down 17 percent from 1998 and the lowest production in 16 years. Yield averaged 2.90 tons per acre, down .6 ton from 1998 and the smallest in 11 years. Harvested acreage was unchanged from the previous 2 years at 250,000 acres. **Other hay** production at 4.09 million tons was down 15 percent from 1998. Yield was forecast at 1.90 tons per acre and the smallest in 11 years. Harvested acreage at 2.15 million acres was 50,000 acres above 1998. In a dry year like 1999 farmers tend to increase the harvested acreage of other hay. Farmers cut additional acres to help fill their needs for hay and lack of pasture.

**ANNUAL CROP SUMMARY 1998-1999**  
**HARVESTED ACREAGE, YIELD, AND PRODUCTION, KENTUCKY AND UNITED STATES**

CROPS	UNIT	ACREAGE HARVESTED		YIELD PER ACRE		PRODUCTION		
		1998	1999	1998	1999	1998	1999	'99 as % of '98
		(Thousand)				(Thousand)		
<b>KENTUCKY</b>								
Corn for Grain	Bu	1,180	1,180	115.0	105.0	135,700	123,900	91
Soybeans for Beans	Bu	1,200	1,150	30.0	21.0	36,000	24,150	67
All Wheat	Bu	550	410	45.0	60.0	24,750	24,600	99
Barley	Bu	7	8	63.0	80.0	441	640	145
Sorghum for Grain	Bu	8	8	80.0	80.0	640	640	100
Hay:								
All	Ton	2,350	2,400	2.43	2.00	5,705	4,810	84
Alfalfa	Ton	250	250	3.50	2.90	875	725	83
All Other	Ton	2,100	2,150	2.30	1.90	4,830	4,085	85
Tobacco:								
All	Lbs	226.26	221.70	1,961	1,826	443,628	404,863	91
Burley	Lbs	215.00	210.00	1,935	1,800	416,025	378,000	91
Type 22 E. Fired	Lbs	3.85	3.75	2,315	2,200	8,913	8,250	93
Type 23 W. Fired	Lbs	3.60	3.55	2,805	2,600	10,098	9,230	91
Type 35 One Sucker	Lbs	2.45	2.85	2,280	2,150	5,586	6,128	110
Type 36 Green River	Lbs	1.36	1.55	2,210	2,100	3,006	3,255	108
<b>UNITED STATES</b>								
Corn for Grain	Bu	72,589 <u>1/</u>	70,537	134.4	133.8	9,758,685	9,437,337	97
Soybeans for Beans	Bu	70,441	72,476	38.9	36.5	2,741,014	2,642,908	96
All Wheat	Bu	59,002	53,909 <u>1/</u>	43.2	42.7	2,547,321	2,302,443 <u>1/</u>	90
Barley	Bu	5,864 <u>1/</u>	4,758 <u>1/</u>	60.0	59.2 <u>1/</u>	352,125	281,853 <u>1/</u>	80
Sorghum for Grain	Bu	7,723	8,544	67.3	69.7	519,933	595,166	114
Hay:								
All	Ton	60,076 <u>1/</u>	63,160	2.53 <u>1/</u>	2.52	151,780	159,077	105
Alfalfa	Ton	23,672 <u>1/</u>	23,985	3.48 <u>1/</u>	3.50	82,310	83,924	102
All Other	Ton	36,404 <u>1/</u>	39,175	1.91	1.92	69,470	75,153	108
Tobacco:								
All	Lbs	717.61	644.25	2,062 <u>1/</u>	1,980	1,479,867	1,275,438	86
Burley	Lbs	307.10	300.40	1,896	1,812	582,336	544,202	93
Type 22 E. Fired	Lbs	11.15	10.85	2,325	2,167	25,922	23,515	91
Type 23 W. Fired	Lbs	4.19	4.12	2,762	2,545	11,573	10,484	91
Type 35 One Sucker	Lbs	2.98	3.45	2,238	2,133	6,657	7,358	111
Type 36 Green River	Lbs	1.36	1.55	2,210	2,100	3,006	3,255	108

1/ Revised.



**PLANTED ACREAGE, KENTUCKY & UNITED STATES**

CROPS	KENTUCKY			UNITED STATES		
	1998	1999	1999 % of 1998	1998	1999	1999 % of 1998
	(Thousand Acres)			(Thousand Acres)		
Corn, All	1,300	1,320	102	80,165 <u>2/</u>	77,431	97
Soybeans	1,220	1,200	98	72,025 <u>2/</u>	73,780	102
All Wheat <u>1/</u>	750	650	87	65,821 <u>2/</u>	62,814	95
Barley <u>1/</u>	8	9	113	6,337 <u>2/</u>	5,223	82
All Sorghum	10	10	100	9,626	9,288	96

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

## DECEMBER 1 CORN STOCKS UP SLIGHTLY

**Kentucky corn** stocks totaled 86.2 million bushels on December 1, 1999. This was up slightly from December 1, 1998 and the largest December 1 corn stocks since 1994. Corn stored in off-farm facilities totaled 17.2 million bushels. This made up 20 percent of the total corn stocks and was up 15 percent from 1998. Off-farm stocks include grain stored at mills, elevators, warehouses, terminals and processors. On-farm storage totaled 69.0 million bushels, 3 percent less than the 71.0 million bushels stored on-farm in 1998.

**Soybean** stocks estimates in Kentucky are made only for off-farm stocks. Off-farm stocks totaled 7.57 million bushels, down 31 percent from December 1, 1998 and the smallest December stocks in 11 years.

Kentucky off-farm stocks of **all wheat** was 6.53 million bushels, down 6 percent from December last year, but still the second

largest December off-farm wheat stocks since 1983. **Grainsorghum, barley** and **oats** stored in off-farm facilities in the State were not published to avoid disclosure of individual operations.

**U.S. corn** stocks in all positions on December 1, 1999 totaled 8.02 billion bushels, down slightly from December 1, 1998. Of the total stocks, 5.18 billion bushels were stored on farms, down 3 percent from a year earlier. Off-farm stocks, at 2.84 billion bushels, were up 4 percent from a year ago. **Soybeans** stored in all positions on December 1, 1999 totaled 2.18 billion bushels, down fractionally from December 1, 1998. On-farm stocks estimated at 1.15 billion bushels were down 3 percent from the same period a year ago. Off-farm stocks, at 1.03 billion bushels, were 3 percent higher than December 1, 1998. **All wheat** in all storage positions December 1, 1999 totaled 1.88 billion bushels, down 1 percent from a year ago.

### KENTUCKY AND UNITED STATES STOCKS OF GRAIN, DECEMBER 1, 1999 WITH COMPARISONS

CROP	POSITION	KENTUCKY			UNITED STATES		
		Dec. 1 1998	Sept. 1 1999	Dec. 1 1999	Dec. 1 1998	Sept. 1 1999	Dec. 1 1999
(Thousand Bushels)							
Corn	On-Farm	71,000	6,000	69,000	5,320,000	797,000	5,180,000
	Off-Farm <u>1/</u>	15,026	3,063	17,237	2,731,846 <u>5/</u>	989,977	2,839,860
	Total	86,026	9,063	86,237	8,051,846 <u>5/</u>	1,786,977	8,019,860
Sorghum	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	95,900	13,800	89,300
	Off-Farm <u>1/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	239,416	51,363	259,264
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	335,316	65,163	348,564
Oats	On-Farm	<u>3/</u>	<u>3/</u>	<u>3/</u>	81,500	97,300	82,100
	Off-Farm <u>1/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	61,835 <u>5/</u>	51,151	53,973
	Total	<u>4/</u>	<u>4/</u>	<u>4/</u>	143,335 <u>5/</u>	148,451	136,073
Barley	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	149,000	165,100	108,600
	Off-Farm <u>1/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	121,535 <u>5/</u>	130,145	119,996
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	270,535 <u>5/</u>	295,245	228,596
All Wheat	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	680,200	888,060	648,800
	Off-Farm <u>1/</u>	6,962	9,772	6,532	1,215,481 <u>5/</u>	1,556,983	1,230,184
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	1,895,681 <u>5/</u>	2,445,043	1,878,984
Soybeans	On-Farm	<u>2/</u>	<u>2/</u>	<u>2/</u>	1,187,000	145,000	1,150,000
	Off-Farm <u>1/</u>	11,031	1,134	7,573	999,440 <u>5/</u>	203,482	1,032,192
	Total	<u>2/</u>	<u>2/</u>	<u>2/</u>	2,186,440 <u>5/</u>	348,482	2,182,192

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

**Off-farm** commercial grain storage capacity for **Kentucky** totaled 59.2 million bushels on December 1, 1999, up less than 1 percent from December 1, 1998. Kentucky off-farm facilities at 217 were down 1 from last year. **U.S.** capacity of off-farm commercial grain storage totaled 8.09 billion bushels on December 1, 1999, up 1 percent from December 1, 1998. Twenty-three States and New England showed increases from a year earlier, 14 States recorded decreases in capacity and three States were unchanged. Illinois continues to lead all States in off-farm storage capacity with 1.09 billion bushels.

**Kentucky on-farm** grain storage capacity totaled 180.0 million bushels, unchanged from 1998. On-farm grain storage capacity includes all bins, cribs, sheds, and other structures normally used to store whole grains or oilseeds located on farms. **U.S.** on-farm grain storage capacity totaled 11.2 billion bushels on December 1, 1999, up slightly from December 1, 1998. Iowa leads all States in on-farm storage capacity with 1.60 billion bushels, unchanged from last year.

### OFF-FARM STORAGE CAPACITY, SELECTED STATES, DECEMBER 1, 1998 & 1999

STATE	Number of Off-Farm Facilities		Rated Off-Farm Storage Capacity	
	12-1-98	12-1-99	12-1-98	12-1-99
1,000 bushels				
Illinois	1,013	1,018	1,081,720	1,094,050
Indiana	430	409	342,400	351,810
<b>KENTUCKY</b>	<b>218</b>	<b>217</b>	<b>58,870</b>	<b>59,200</b>
Missouri	482	471	227,600	228,880
Ohio	507	486	337,830	342,370
Tennessee	225	211	58,510	55,500
<b>UNITED STATES</b>	<b>10,272 <u>1/</u></b>	<b>9,995</b>	<b>8,003,190 <u>1/</u></b>	<b>8,087,250</b>

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.

## KENTUCKY WINTER WHEAT SEEDING UNCHANGED

Farmers in **Kentucky** seeded 650,000 acres to **winter wheat** in the fall of 1999 for the 2000 crop. This was unchanged from the 1999 crop. Prices received for the crop were low for the most part during 1999. Sizeable acreage of winter wheat is plowed down each year as a green cover crop prior to setting tobacco or cut for livestock feed.

Conditions this fall were on the dry side at seeding time but farmers were able to seed their crop with little interruption from the weather. Rain in October and November helped the crop to germinate and develop a good stand prior to going into winter.

**U.S.** winter wheat seeded area for harvest in 2000 was estimated at 42.9 million acres, down 1 percent from 1999. This is the smallest crop since 1972. Seeding started last August in the Pacific Northwest, some Mountain states, and Minnesota. Progress moved steadily forward through the fall, only slowing in some locations as farmers waited for rain. About 98 percent of the U.S. acreage was seeded by December 1. Kansas still remains the Nation's leading

winter wheat State with 9.80 million acres, down 200,000 acres from 1999. Oklahoma remains second with 6.10 million acres and Texas continues as third with 5.80 million acres.

### WINTER WHEAT SEEDED ACREAGE SELECTED STATES & U.S., 1999-2000

State	Acreage Seeded <sup>1/</sup>		
	1999 Crop	2000 Crop	2000 % of 1999
	(1,000)		
Illinois	1,050	950	90
Indiana	550	550	100
Kansas	10,000	9,800	98
<b>KENTUCKY</b>	<b>650</b>	<b>650</b>	<b>100</b>
Missouri	980 <sup>2/</sup>	1,000	102
Ohio	1,050	1,020	97
Oklahoma	6,400	6,100	95
Tennessee	500 <sup>2/</sup>	580	116
Texas	6,200	5,800	94
<b>U. S.</b>	<b>43,431 <sup>2/</sup></b>	<b>42,916</b>	<b>99</b>

<sup>1/</sup>Total acreage seeded for all purposes. <sup>2/</sup>Revised.

## U.S. DAIRY PRODUCTS, NOVEMBER 1999

PRODUCT	November 1998	October 1999 <sup>1/</sup>	November 1999	Percent of	
				Nov. 1998	Oct. 1999
	(000) Pounds			Percent	
<b>BUTTER</b>	91,128	93,020	90,364	99	97
<b>CHEESE</b>					
American Types <sup>2/</sup>	270,560	295,828	288,264	107	97
Mozzarella	206,800	212,709	231,970	112	109
All Other Types <sup>3/</sup>	159,222	165,237	169,428	106	103
Total	636,582	673,774	689,662	108	102
	(000) Gallons			Percent	
<b>FROZEN PRODUCTS</b>					
Ice Cream (Hard)	51,471	62,609	59,491	116	95
Frozen Yogurt (Total)	5,829	5,631	4,798	82	85
<b>MIX FOR FROZEN PRODUCTS</b>					
Ice Cream Mix	29,008	36,333	32,759	113	90
Yogurt Mix	3,689	3,564	3,037	82	85

<sup>1/</sup>Revised. <sup>2/</sup> Includes Cheddar, Colby, Monterey, and Jack. <sup>3/</sup> Includes Swiss, cream and all other types. Excludes cottage cheese.

**Internet Access:** Kentucky Agricultural Statistics Service (KASS) 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 National Agricultural Statistics Service (NASS) homepage located at <http://www.usda.gov/nass/>

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Kentucky Agri-News (ISSN:8750-9792)(USPS0661-550) is published twice monthly by the Kentucky Agricultural Statistics Service, Louisville, KY 40202-1120. Periodical postage paid at Louisville, KY and additional mailing office. Subscription fee \$10 per year except to data contributors. POSTMASTER: Send address changes to Kentucky Agricultural Statistics Service, P.O. Box 1120, Louisville, KY 40201-1120.