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*Featuring:*

• Agricultural Prices • Cash Receipts • Crop Production • Farm Production Expenditures • Milk Production

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### Kentucky on Trend for Record Soybean Harvest

**LOUISVILLE, Ky.** – The U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS) released its crop production report today from the September Agricultural Yield Survey conducted at the beginning of the month. The survey queried about 600 farms across Kentucky and is the second of four measurements for the 2016 harvest.

“As fall harvest is beginning, the yield picture is becoming clearer,” said David Knopf, director of the NASS Eastern Mountain Regional Office in Kentucky. “It’s been a rainy growing season here. It could be another record soybean crop, and corn has also benefitted from the rain. On the other hand, tobacco has been challenged by all that rain, and those weather conditions continued in August lowering the yield potential.”

**Corn** production in **Kentucky** is forecast at 244 million bushels.

“Corn (production) is down two percent from August, but up eight percent from 2015,” Knopf said.

Corn yield was estimated at 172 bushels per acre, down three bushels from last month and unchanged from the 2015 level. Acres for harvest as grain were estimated at 1.41 million acres, up 100,000 acres from 2015. The **U.S.** corn production is forecast at 15.1 billion bushels, down slightly from the August forecast and up 11 percent from last year’s record production. Based on conditions as of Sept. 1, yields are expected to average 174.4 bushels per acre, down 0.7 bushels from last month but up six bushels from 2015. Area harvested for grain is forecast at 86.6 million acres, unchanged from the August forecast but up seven percent from 2015.

“Soybean production is forecast at 91.3 million bushels, up six percent from last month and three percent from last year,” according to Knopf.

**Soybean** yield for **Kentucky** was estimated at 51 bushels per acre, up three from last month and up two bushels from a year ago. Acreage for harvest as beans was estimated at 1.79 million acres, down 20,000 acres from the previous year. **U.S.** soybean production is forecast at 4.2 billion bushels, up three percent from the August forecast and up seven percent from last year. Based on Sept. 1 conditions, yields are expected to average 50.6 bushels per acre, up 1.7 bushels from last month and up 2.6 bushels from last year. Area for harvest is forecast at 83 million acres, unchanged from the August forecast but up one percent from 2015.

**Kentucky burley tobacco** production is forecast at 111 million pounds, down three percent from the August forecast and up six percent from 2015. Yield was projected at 1,850 pounds per acre, down 50 pounds from last month and up 50 pounds from the 2015 crop. Harvested acreage was estimated at 60,000 acres, up 2,000 acres from last year’s crop. For the **burley producing states** production is forecast at 146 million pounds, up one percent from last year. Burley growers plan to harvest 78,900 acres, unchanged from 2015. Yields were expected to average 1,848 pounds per acre, up 14 pounds from last year.

Production of **Kentucky dark fire-cured** tobacco is forecast at 24.7 million pounds, down four percent from the August forecast but down 22 percent from the previous year. **Dark air-cured** tobacco production is forecast at 10.3 million pounds, down eight percent from the August forecast and down 25 percent from last year.

**CROP PRODUCTION SUMMARY, SEPTEMBER 1  
KENTUCKY AND UNITED STATES**

Crops	Area Planted <sup>1</sup>		Area Harvested		Yield Per Acre			Production	
	2015	2016	2015	2016 <sup>2</sup>	2015	2016 <sup>1</sup>		2015	2016 <sup>1</sup>
						Aug 1	Sep 1 <sup>2</sup>		
<b>KENTUCKY</b>									
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(bushels)	(bushels)	(bushels)	(000 bu)	(000 bu)
Corn <sup>3</sup>	1,400	1,500	1,310	1,410	172.0	175.0	172.0	225,320	242,520
Soybeans <sup>3</sup>	1,840	1,800	1,810	1,790	49.0	48.0	51.0	88,690	91,290
Wheat, Winter <sup>34</sup>	560	540	440	410	73.0	74.0	--	32,120	30,340
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(tons)	(tons)	(tons)	(000 tons)	(000 tons)
Hay:									
All	--	--	2,370	2,360	2.40	--	--	5,689	--
Alfalfa	--	--	170	160	3.70	3.80	--	629	608
Other, All	--	--	2,200	2,200	2.30	2.30	--	5,060	5,060
	(acres)	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(000 pounds)	(000 pounds)
Tobacco:									
All	--	--	72,900	74,200	2,055	2,034	1,968	149,830	146,040
Burley	--	--	58,000	60,000	1,800	1,900	1,850	104,400	111,000
Dark-Fire Cured	--	--	9,900	9,500	3,200	2,700	2,600	31,680	24,700
Dark-Air Cured	--	--	5,000	4,700	2,750	2,400	2,200	13,750	10,340
<b>UNITED STATES</b>									
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(bushels)	(bushels)	(bushels)	(000 bu)	(000 bu)
Corn <sup>3</sup>	87,999	94,148	80,749	86,550	168.4	175.1	174.4	13,601,198	15,092,908
Soybeans <sup>3</sup>	82,650	83,688	81,814	83,037	48.0	48.9	50.6	3,929,160	4,200,985
Wheat, Winter <sup>34</sup>	39,461	36,538	32,257	30,176	42.5	54.9	--	1,370,188	1,657,440
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(tons)	(tons)	(tons)	(000 tons)	(000 tons)
Hay:									
All	--	--	54,437	56,127	2.47	2.50	--	134,388	140,480
Alfalfa	--	--	17,778	18,065	3.32	3.40	--	58,974	61,507
Other, All	--	--	36,659	38,062	2.06	2.07	--	75,414	78,973
	(acres)	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(000 pounds)	(000 pounds)
Tobacco:									
All	--	--	328,650	318,150	2,178	2,184	2,159	715,946	686,910
Burley	--	--	78,900	78,900	1,834	1,900	1,848	144,675	145,770
Dark-Fire Cured	--	--	17,850	17,150	3,144	2,822	2,680	56,125	45,970
Dark-Air Cured	--	--	6,200	5,900	2,750	2,461	2,261	17,050	13,340

<sup>1</sup> Commodities with estimates not available are (denoted by "--"). <sup>2</sup> Forecasted. <sup>3</sup> Area harvested represents grain. <sup>4</sup> Includes area planted in preceding fall.

**Livestock Average Prices Received <sup>1 2</sup>**

Commodity	United States		
	Jul 2015	Jun 2016	Jul 2016
	\$/Cwt.	\$/Cwt.	\$/Cwt.
All Hogs	58.70	60.60	59.40
Barrows & Gilts	59.50	61.00	60.10
Sows	40.00	49.20	44.50
All Beef Cattle <sup>3</sup>	149.00	125.00	119.00
Steers & Heifers <sup>4</sup>	150.00	127.00	120.00
Cows	113.00	80.90	81.50
Calves <sup>5</sup>	275.00	168.00	145.00

**Crop Average Prices Received <sup>1</sup>**

Commodity	Kentucky		U.S.	
	Jul 2015	Jul 2016	Jul 2015	Jul 2016
	\$	\$	\$	\$
All Corn (Bu) <sup>23</sup>	4.12	3.91	3.80	3.60
Soybeans (Bu) <sup>2</sup>	10.20	10.60	9.95	10.20
Winter Wheat (Bu) <sup>2</sup>	(4)	(4)	5.15	3.56
Hay, Alfalfa (Ton)	210.00	220.00	172.00	140.00
Hay, Other (Ton)	105.00	110.00	120.00	113.00

<sup>1</sup> U.S. prices based on data provided by USDA AMS. <sup>2</sup> Only full month prices published starting in January 2015. <sup>3</sup> "Steers & Heifers" and "Cows" combined. <sup>4</sup> 500 lbs. and over. <sup>5</sup> Under 500 lbs.

<sup>1</sup> Only full month prices published starting in January 2015. <sup>2</sup> Includes contract sales paid during month. <sup>3</sup> Includes yellow and white corn. <sup>4</sup> Kentucky is a minor State, not published separately.

**KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 2013 - 2015**

Commodity	2013 <sup>1</sup>	2014 <sup>1</sup>	2015	2015 % of Total	2015 % of 2014
	<i>(1,000 Dollars)</i>	<i>(1,000 Dollars)</i>	<i>(1,000 Dollars)</i>	%	%
ALL COMMODITIES <sup>2</sup>	6,175,567	6,495,031	5,836,629	100.0	90
LIVESTOCK AND PRODUCTS <sup>2</sup>	3,357,384	3,654,312	3,339,376	57.2	91
Meat Animals	947,826	1,163,318	1,035,301	17.7	89
Cattle and calves	825,432	1,031,164	927,210	15.9	90
Hogs	122,394	132,154	108,091	1.9	82
Dairy products, Milk	227,900	256,194	200,596	3.4	78
Poultry and eggs	1,170,461	1,279,488	1,179,061	20.2	92
Broilers	1,014,479	1,098,698	960,169	16.5	87
Other livestock <sup>3</sup>	1,011,197	955,312	924,418	15.8	97
CROPS <sup>2 4</sup>	2,818,183	2,840,720	2,497,254	42.8	88
Food Grains	252,386	239,237	164,083	2.8	69
Wheat	252,386	239,237	164,083	2.8	69
Feed Crops <sup>5</sup>	944,058	1,071,713	989,106	16.9	92
Corn	751,986	889,888	772,807	13.2	87
Tobacco	406,024	429,884	371,981	6.4	87
Oil Crops <sup>6</sup>	1,047,940	932,109	804,290	13.8	86
All Other Crops <sup>7</sup>	167,775	167,777	167,793	2.9	100

Source: USDA - Economic Research Service. \*\* -- Indicates less than .05%. \*\* NA-Not Available.

<sup>1</sup> Revised. <sup>2</sup>May not add due to rounding. <sup>3</sup>Includes horses, stud fees, mules, sheep and lambs, goats, turkeys, aquaculture, honey, wool, rabbits, bison and all other livestock. <sup>4</sup>Forest products not included in farm cash receipts, but are included in net farm income. <sup>5</sup>Includes hay. <sup>6</sup>Includes soybeans.

<sup>7</sup>Includes greenhouse/nursery, fruits and nuts, vegetables, barley, sorghum grain, popcorn, sunflowers, other seeds, other field crops and mushrooms.

**FARM PRODUCTION EXPENDITURES 2014 - 2015**

Expenditure - Farm Share	Atlantic Region <sup>1</sup>					United States <sup>2</sup>				
	Average per Farm <sup>3</sup>		Total Expenditures			Average per Farm <sup>3</sup>		Total Expenditures		
	2014	2015	2014	2015	15 /14	2014	2015	2014	2015	15 /14
	\$	\$	Million \$	Million \$	%	\$	\$	Million \$	Million \$	%
Total Farm Production Expenditures <sup>4</sup>	116,530	107,715	48,190	44,190	92	191,500	176,181	397,600	362,800	91
Livestock, Poultry & Related Expenses <sup>5</sup>	11,123	10,116	4,600	4,150	90	21,722	22,047	45,100	45,400	101
Feed	25,705	24,497	10,630	10,050	95	30,680	28,408	63,700	58,500	92
Farm Services <sup>6</sup>	12,792	11,749	5,290	4,820	91	21,818	20,202	45,300	41,600	92
Rent <sup>7</sup>	4,377	4,217	1,810	1,730	96	15,701	15,054	32,600	31,000	95
Agricultural Chemicals <sup>8</sup>	3,192	2,901	1,320	1,190	90	7,610	7,090	15,800	14,600	92
Fertilizer, Lime & Soil Conditioners <sup>8</sup>	6,336	5,582	2,620	2,290	87	13,486	12,383	28,000	25,500	91
Interest	2,708	2,633	1,120	1,080	96	4,672	4,613	9,700	9,500	98
Taxes (Real Estate & Property)	4,764	4,144	1,970	1,700	86	6,550	6,216	13,600	12,800	94
Labor	10,906	10,140	4,510	4,160	92	16,472	15,443	34,200	31,800	93
Fuels	5,296	4,022	2,190	1,650	75	8,043	5,973	16,700	12,300	74
Farm Supplies & Repairs <sup>9</sup>	7,254	7,093	3,000	2,910	97	9,585	9,081	19,900	18,700	94
Farm Improvements & Construction <sup>10</sup>	6,529	5,899	2,700	2,420	90	8,766	7,818	18,200	16,100	88
Tractors & Self-Propelled Farm Machinery	5,126	5,168	2,120	2,120	100	8,140	5,779	16,900	11,900	70
Other Farm Machinery	2,878	2,145	1,190	880	74	4,335	2,962	9,000	6,100	68
Seeds & Plants <sup>11</sup>	5,296	4,924	2,190	2,020	92	10,644	10,344	22,100	21,300	96
Trucks & Autos	2,080	2,218	860	910	106	2,986	2,428	6,200	5,000	81
Miscellaneous Capital Expenses <sup>12</sup>	169	268	70	110	157	289	340	600	700	117

<sup>1</sup> Atlantic: CT, DE, KY, ME, MD, NH, NJ, NY, NC, PA, RI, TN, VA, VT, WV. <sup>2</sup>Excludes AK and HI. <sup>3</sup>Total expenditures divided by total number of farms. Items may not sum to total due to rounding. <sup>4</sup>Includes landlord and contractor share of farm production expenses. <sup>5</sup>Includes purchases and leasing of livestock and poultry. <sup>6</sup>Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, utilities, general expenses, and miscellaneous business expenses. <sup>7</sup>Includes cash rent paid, share rent, plus public and private grazing fees. <sup>8</sup>Includes material and application costs. <sup>9</sup>Includes bedding/litter, marketing containers, power farm shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment. <sup>10</sup>Includes all expenditures related to new construction or repairs.

## SPECIAL NOTE

*2016 Kentucky Small, Limited Resource, Minority Farmers Conference  
Tuesday, November 15, 2016 through November 17.*

*Capital Plaza Hotel, Kentucky State University, and the Kentucky State University Harold R. Benson  
Research and Demonstration Farm, Frankfort.*

*For more information, call 502-597-6325, or email Shelley Spiggle at [shelley.spiggle@kysu.edu](mailto:shelley.spiggle@kysu.edu).*

## MILK PRODUCTION

**Milk production** in the 23 major States during July totaled 16.8 billion pounds, up 1.4 percent from July 2015. June revised production, at 16.7 billion pounds, was up 1.6 percent from June 2015. The June revision represented an increase of 9 million pounds or 0.1 percent from last month's preliminary production estimate.

**Production per cow** in the 23 major States averaged 1,946 pounds for July, 24 pounds above July 2015. This is the highest production per cow for the month of July since the 23 State series began in 2003.

**The number of milk cows** on farms in the 23 major States was 8.65 million head, 19,000 head more than July 2015, and 2,000 head more than June 2016.

**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.nass.usda.gov/>