

Released: November 15, 2016 · Volume No.35, Issue No. 11 · Published Monthly

---

*Featuring:*

Agricultural Prices • Crop Production • Crop Values • Milk Production • Value Added

---

## Still Potential for Record 2016 Soybean Production

**LOUISVILLE, Ky.** – The U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS) released its crop production on November 9<sup>th</sup>, from the November Agricultural Yield Survey conducted at the beginning of the month. This month’s report continues to show a lower forecast for corn than in the previous month.

“There is still the potential for a record soybean production based on the latest forecast,” said David Knopf, director of the NASS Eastern Mountain Regional Office in Kentucky. “Despite a dry finish to the growing season, farmers are still forecasting a 50 bushel per acre soybean yield. Corn yield on the other hand slid a few more bushels from October’s forecast, and with virtually all of the corn harvested, the production forecast is now below the 2015 crop.”

**Soybean** production for **Kentucky** is forecast at 89.5 million bushels, unchanged from the October forecast and up 1 percent from 2015. Yield was estimated at 50 bushels per acre, unchanged bushels from last month and up 1.0 bushel 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 4.36 billion bushels, up 2 percent from the October forecast and up 11 percent from last year. Based on November 1 conditions, yields are expected to average 52.5 bushels per acre, up 1.1 bushels from last month and up 4.5 bushels from last year. Area for harvest is forecast at 83.0 million acres, unchanged from the October forecast and up 2 percent from 2015.

**Corn** production in **Kentucky** is forecast at 224 million bushels, down 2 percent from the October forecast and down less than 1 percent from the previous crop. Yield was estimated at 159 bushels per acre, down 3 bushels from last month and down 13 bushels 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 15.2 billion bushels, up 1 percent from the October forecast and up 12 percent from 2015. Based on conditions as of November 1, yields are expected to average 175.3 bushels per acre, up 1.9 bushels from last month and up 6.9 bushels from 2015. Area harvested for grain is forecast at 86.8 million acres, unchanged from the October forecast and up 8 percent from 2015.

“This is the last crop production report for the 2016 harvest season,” Knopf said. “We’ll conduct one more survey, the December Agriculture Survey that queries 2016 acres planted, acres harvested and yield per acre. The data will be published in the Annual Crop Production Report Jan. 12, 2017.”

These reports can all be found on the NASS Kentucky Field Office’s website

[https://www.nass.usda.gov/Statistics\\_by\\_State/Kentucky/](https://www.nass.usda.gov/Statistics_by_State/Kentucky/). For more information, call field office at 1-800-928-5277.

**CROP PRODUCTION SUMMARY, NOVEMBER  
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>
						Oct 1	Nov 1 <sup>2</sup>		
<b>KENTUCKY</b>									
Corn <sup>3</sup>	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(bushels)	(bushels)	(bushels)	(000 bu)	(000 bu)
	1,400	1,500	1,310	1,410	172.0	162.0	159.0	225,320	224,190
Soybeans <sup>3</sup>	1,840	1,800	1,810	1,790	49.0	50.0	50.0	88,690	89,500
Wheat, Winter <sup>34</sup>	560	510	440	400	73.0	--	--	32,120	32,000
	(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	3.40	--	629	544
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	77,300	2,055	1,833	--	149,830	141,690
Burley	--	--	58,000	63,000	1,800	1,750	--	104,400	110,250
Dark-Fire Cured	--	--	9,900	9,500	3,200	2,400	--	31,680	22,800
Dark-Air Cured	--	--	5,000	4,800	2,750	1,800	--	13,750	8,640
<b>UNITED STATES</b>									
Corn <sup>3</sup>	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(bushels)	(bushels)	(bushels)	(000 bu)	(000 bu)
	87,999	94,490	80,749	86,836	168.4	173.4	175.3	13,601,198	15,225,586
Soybeans <sup>3</sup>	82,650	83,698	81,732	83,047	48.0	51.4	52.5	3,926,339	4,361,023
Wheat, Winter <sup>34</sup>	39,681	36,137	32,346	30,222	42.5	--	--	1,374,690	1,671,532
	(000 ac)	(000 ac)	(000 ac)	(000 ac)	(tons)	(tons)	(tons)	(000 tons)	(000 tons)
Hay:									
All	--	--	54,437	56,127	2.47	2.52	--	134,388	141,573
Alfalfa	--	--	17,778	18,065	3.32	3.48	--	58,974	62,817
Other, All	--	--	36,659	38,062	2.06	2.07	--	75,414	78,756
	(acres)	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(000 pounds)	(000 pounds)
Tobacco:									
All	--	--	328,650	321,870	2,178	2,063	--	715,946	664,114
Burley	--	--	78,900	81,900	1,834	1,747	--	144,675	143,040
Dark-Fire Cured	--	--	17,850	16,770	3,144	2,501	--	56,125	41,944
Dark-Air Cured	--	--	6,200	6,000	2,750	1,900	--	17,050	11,400

<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.

**KENTUCKY CROPS RANKED BY 2015 VALUE OF PRODUCTION**

Commodity & Unit	Rank	2014 Crop Year <sup>1</sup>		2015 Crop Year		Change In Value
		Price Per Unit		Price Per Unit		
		Dollars	1,000 Dollars	Dollars	1,000 Dollars	
Corn for Grain (bu.)	1	3.94	890,204	3.80	856,216	96
Soybeans (bu.)	2	10.50	872,813	9.24	815,948	93
Hay, All, baled (ton)	3	120.00	508,395	136.00	680,457	134
Tobacco, All (lb.)	4	2.09	448,132	2.12	317,663	71
Wheat, All (bu.)	5	5.62	203,500	5.32	171,842	84
Fruits & Vegetables	NA	NA	NA	NA	NA	NA
Miscellaneous	NA	NA	NA	NA	NA	NA
Total	NA	NA	2,923,501	NA	2,845,307	97

<sup>1</sup> Revised. NA- Not Available.

**VALUE ADDED TO THE KENTUCKY ECONOMY  
BY THE AGRICULTURAL SECTOR VIA THE PRODUCTION  
OF GOODS AND SERVICES, 2011 - 2015**

Item	2011	2012	2013	2014	2015
Value of crop production	2,275,077	2,112,847	3,426,148	2,703,819	2,449,297
Crop cash receipts	2,159,538	2,432,519	2,818,183	2,840,720	2,497,254
Feed crops	949,942	982,829	944,058	1,071,713	989,106
Food grains	154,052	207,738	252,386	239,237	164,083
Oil Crops	576,433	706,579	1,047,940	932,109	804,290
Tobacco	323,176	376,858	406,024	429,884	371,981
All other crops	155,934	158,515	167,775	167,777	167,793
Home consumption	2,995	4,187	4,256	1,594	13,952
Inventory adjustment	112,544	-323,860	603,709	-138,494	-61,908
Value of animals and products production	2,203,133	2,489,825	3,212,583	3,589,817	3,522,459
Animals and products cash receipts	2,229,095	2,365,124	3,357,384	3,654,312	3,339,376
Dairy products, Milk	233,496	219,582	227,900	256,194	200,596
Meat animals	751,048	761,267	947,826	1,163,318	1,035,301
Miscellaneous livestock	320,647	372,866	1,011,197	955,312	924,418
Poultry and eggs	923,904	1,011,408	1,170,461	1,279,488	1,179,061
Home consumption	10,031	7,089	15,561	6,025	15,998
Inventory adjustment	-35,992	117,613	-160,362	-70,520	167,085
Farm-related income	1,205,465	1,583,172	1,379,834	1,152,675	1,138,436
Forest products sold	19,343	15,142	26,686	81,085	31,579
Gross imputed rental value of farm dwellings	608,086	636,484	590,512	617,491	598,876
Machine hire and custom work	39,414	31,299	41,114	70,275	57,052
Other farm income	538,622	900,246	721,522	383,825	450,929
Total commodity insurance indemnities	116,409	360,974	223,619	102,890	144,226
Federal commodity insurance indemnities	113,725	344,598	219,964	88,147	131,555
Net cash rent received by operator landlords <sup>2</sup>	5,361	38,398	36,467	4,992	33,627
Value of agricultural sector production	5,683,675	6,185,844	8,018,565	7,446,311	7,110,193
Intermediate product expenses <sup>1</sup>	3,044,604	3,502,226	3,436,385	3,592,567	3,548,486
Farm origin	1,127,130	1,468,866	1,444,018	1,364,867	1,627,394
Feed purchases	763,830	894,238	970,021	770,136	997,303
Livestock and poultry purchases	199,121	321,426	211,056	288,688	363,905
Seed purchases	164,179	253,202	262,940	306,043	266,187
Manufactured inputs	772,933	948,913	1,004,147	1,046,752	865,664
Electricity	56,218	71,378	76,766	61,508	80,308
Fertilizer, lime and soil conditioners	351,575	440,035	459,937	476,436	402,445
Pesticides	119,242	161,939	163,680	181,900	151,491
Petroleum fuel and oils	245,897	275,560	303,764	326,908	231,421
Other intermediate expenses <sup>1</sup>	1,144,542	1,084,447	988,220	1,180,948	1,055,427
Machine hire and custom work	34,160	34,672	37,181	47,397	40,388
Marketing, storage, and transportation	124,342	129,443	97,814	110,133	133,338
Repair and maintenance <sup>1</sup>	274,448	253,222	287,822	310,427	283,940
Miscellaneous expenses <sup>1</sup>	711,591	667,109	565,403	712,991	597,761
Total insurance premiums <sup>4</sup>	229,158	156,694	160,124	209,894	156,815
Federal commodity insurance premiums	57,357	52,424	59,048	55,604	52,388
Irrigation	973	2,191	1,449	5,683	1,615
Contract labor	38,996	37,867	81,024	98,242	68,432
Net government transactions	103,248	150,458	141,985	-20,366	-50,133
Direct Government payments	273,757	303,414	290,054	238,153	127,707
Property taxes and fees <sup>1</sup>	170,509	152,956	148,069	258,519	177,841
Motor vehicle registration and licensing fees	13,938	14,698	14,438	22,889	17,451
Gross value added	2,703,323	2,796,208	4,643,142	3,735,136	3,443,142
Capital consumption <sup>1</sup>	453,919	703,195	764,279	1,012,583	859,311
Net value added	2,249,405	2,093,013	3,878,863	2,722,553	2,583,831
Factor payments to stakeholders <sup>3</sup>	731,120	943,140	911,652	971,472	918,799
Employee compensation (hired labor and non-cash)	256,439	353,657	361,494	360,100	323,808
Net rent paid to operator landlords	38,358	63,978	67,424	71,499	64,196
Net rent paid to non-operator landlords	107,782	179,772	189,454	231,612	207,955
Total interest expenses <sup>1</sup>	328,541	345,733	293,280	308,261	322,840
Net farm income	1,518,285	1,149,873	2,967,211	1,751,081	1,665,032

Source: USDA - Economic Research Service. \*\* Data as of August 30, 2016.

NA = Data are not available \*\* Values are rounded to the nearest thousand.

<sup>1</sup> Including expenses associated with operator dwellings. <sup>2</sup> Share rent income is included in cash receipts. <sup>3</sup> Prior to 2008, factor payments to stakeholders only includes net rent paid to non-operator landlords. <sup>4</sup> Includes federal and private crop and livestock insurance premiums as well as casualty, hail, motor vehicle and all other insurance premiums.

**Milk Cows & Milk Production, Selected States & U.S.  
Preliminary July-September, 2015 - 2016**

State	Jul - Sep Milk Cows <sup>1</sup>		Jul - Sep Milk Production <sup>2</sup>		
	2015	2016	2015	2016	16 % 15
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
CA	1,778	1,767	9,920	9,834	0.99
IL	94	93	448	446	1.00
IN	182	184	998	1,016	1.02
<b>KY</b>	<b>60</b>	<b>55</b>	<b>249</b>	<b>231</b>	<b>0.93</b>
MN	460	462	2,358	2,391	1.01
MO	88	88	324	324	1.00
OH	266	265	1,379	1,372	0.99
TX	462	483	2,507	2,680	1.07
VA	91	89	432	412	0.95
WI	1,280	1,278	7,352	7,551	1.03
<b>US</b>	<b>9,315</b>	<b>9,336</b>	<b>51,685</b>	<b>52,585</b>	<b>1.02</b>

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

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

Commodity	Kentucky		U.S.	
	Sep 2015	Sep 2016	Sep 2015	Sep 2016
	\$	\$	\$	\$
All Corn (Bu) <sup>23</sup>	3.78	3.51	3.68	3.22
Soybeans (Bu) <sup>2</sup>	9.19	9.86	9.05	9.43
Winter Wheat (Bu) <sup>2</sup>	(4)	(4)	4.64	3.25
Hay, Alfalfa (Ton)	215.00	220.00	160.00	137.00
Hay, Other (Ton)	105.00	105.00	114.00	114.00

<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.

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

Commodity	United States		
	Sep 2015	Aug 2016	Sep 2016
	\$ / Cwt.	\$ / Cwt.	\$ / Cwt.
All Hogs	54.50	52.60	47.80
Barrows & Gilts	54.90	52.60	47.90
Sows	45.20	50.80	46.30
All Beef Cattle <sup>3</sup>	139.00	117.00	108.00
Steers & Heifers <sup>4</sup>	140.00	118.00	109.00
Cows	104.00	80.60	74.50
Calves <sup>5</sup>	241.00	158.00	142.00

<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.

**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/>