



# Crop Progress and Condition

**USDA, NASS, Kentucky Field Office**

David Knopf, Director  
PO Box 1120  
Louisville, Kentucky 40201-1120  
(502) 582-5293 or 1-800-928-5277  
Email: nassrfoemr@nass.usda.gov

**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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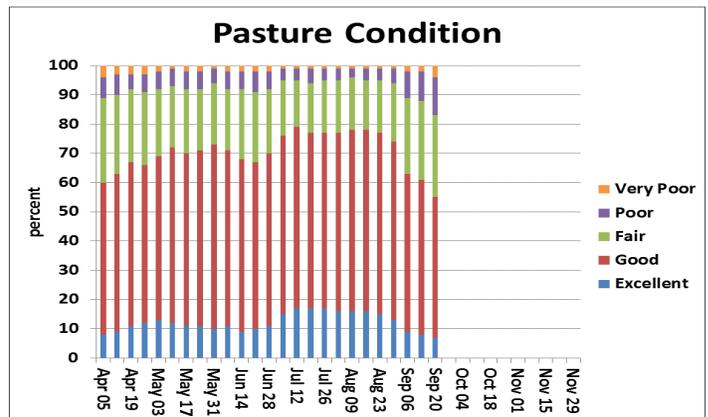
**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.04 inches, 0.79 inches below normal. Temperatures averaged 67 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 11 percent very short, 37 percent short, 49 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 9 percent very short, 31 percent short, 58 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities this week included cutting hay, tobacco and harvesting corn for grain. Soybean harvest is underway in some locations. Early corn and soybean yields are reported to be very good. Harvest has also begun on some early soybean fields. Much of the state has experienced below normal rainfall over the past month and late crops are in need of rain, especially soybeans. Pasture conditions have declined due to the dry weather and some livestock producers are now feeding hay. Moisture is need for fall seeding.

**SOIL MOISTURE for week ending 09/20/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	11	37	49	3
Subsoil	9	31	58	2

**Pasture Condition**



**CROP PROGRESS for week ending 09/20/15**

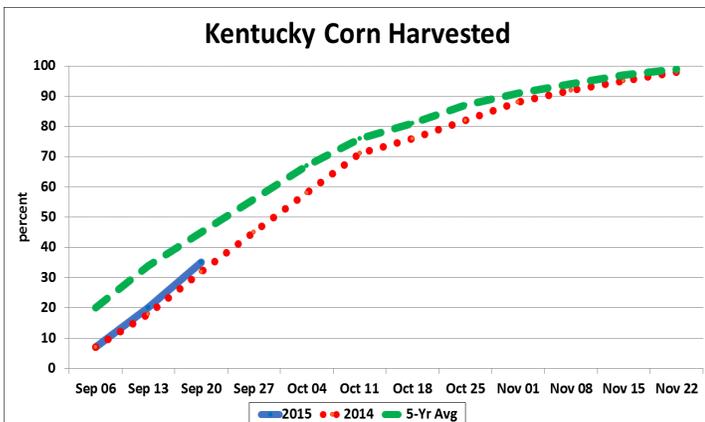
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	96	91	92	95
Corn Mature	83	71	73	82
Corn Harvested	35	20	32	45
Soybeans Coloring	71	52	56	-
Soybeans Dropping Leaves	40	22	27	44
Soybeans Mature	21	4	6	19
Soybeans Harvested	4	-	2	6
Tobacco Cut	84	74	69	72

- Represents zero or not available.

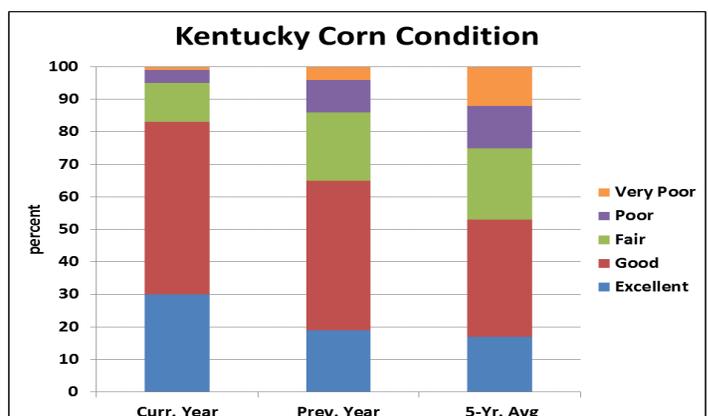
**CROP CONDITIONS for week ending 09/20/15**

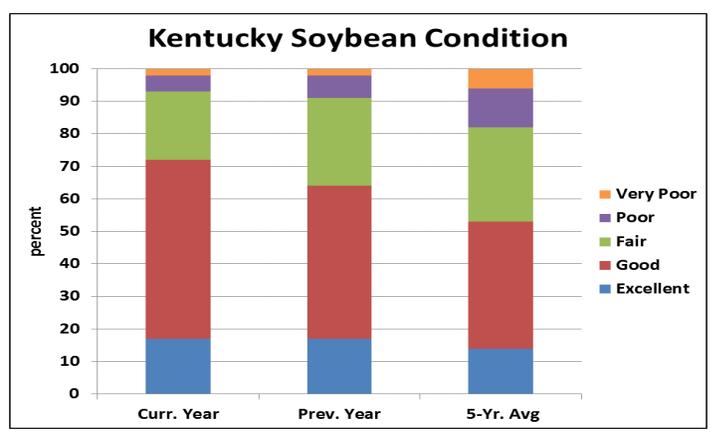
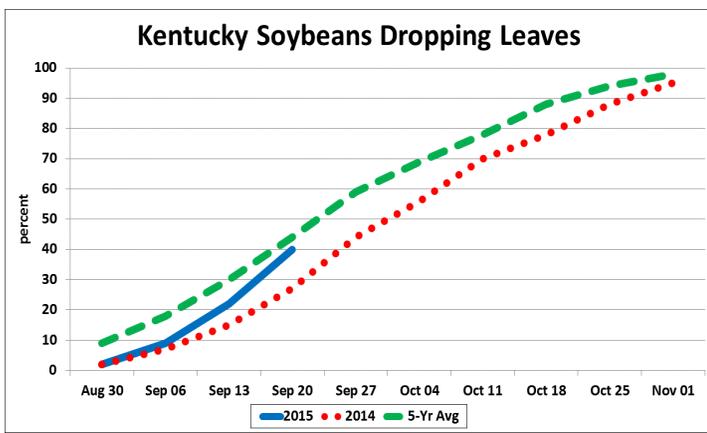
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	12	53	30
Pasture	4	13	28	48	7
Soybeans	2	5	21	55	17
Tobacco Housed	2	7	23	61	7

**Kentucky Corn Harvested**



**Kentucky Corn Condition**





**Kentucky Climate Summary  
For the Period September 14, 2015 to September 20, 2015**

Below Normal Temperatures and Rainfall:

Dry conditions led to excellent harvesting conditions this past week. The Bluegrass State was under the influence of high pressure at the surface and aloft for much of the period. This led to mostly clear skies during the day and at night. Throughout the work week, temperatures saw a slight warming trend as surface high pressure shifted east. Highs increased from the mid-70s to around 80 on Monday, to solidly in the 80s across the state by Friday. A cold front then worked through the region on Saturday, leading to isolated to scattered showers. This was the only rainfall event for the period, leading to another week of below normal rainfall. While this is typically one of the drier times of the year, Kentucky has now seen much below normal rainfall three of the past four weeks. As of this past Thursday, around half of the state is now experiencing ‘Abnormally Dry Conditions’ according to the latest update of the US Drought Monitor.

Temperatures for the period averaged 67 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 82 in the West to 79 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 55 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. The extreme high temperature for the period was 92 degrees at PADUCAH ASOS and the extreme low was 41 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.04 inches statewide which was 0.79 inches below normal and 5% of normal. Precipitation totals by climate division, West 0.03 inches, Central 0.00 inches, Bluegrass 0.04 inches and East 0.11 inches, which was 0.82, 0.92, 0.7 and 0.71 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 0.92 inches at WHITESBURG 2NW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/20/15 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	0.04	33.42	1.61	10.35	-1.54	85	46	67	0	96	29
Berea	0.09	31.97	1.73	7.87	-1.97	85	43	65	-1	88	38
Bowling Green	0.00	23.59	0.71	-0.57	-2.68	89	46	69	2	96	29
Bristol	0.00	22.89	1.60	2.49	-1.39	84	43	65	-1	100	36
Buckhorn Lake	0.05	25.88	1.13	2.94	-2.25	82	42	64	-2	89	31
Cape Girardeau	0.17	28.45	1.23	5.95	-2.05	89	49	69	0	100	33
Campbellsville	0.01	28.17	0.83	1.05	-3.44	83	43	65	-2	96	53
Covington	0.05	22.81	0.93	1.43	-1.85	84	46	67	1	94	33
Cumberland Gap	0.00	27.92	1.72	3.12	-1.45	83	44	65	-1	100	36
Dix Dam	0.00	34.48	0.74	10.72	-2.54	86	46	68	2	90	31
Evansville	0.00	25.31	0.13	3.92	-2.65	90	48	69	0	88	26
Glasgow	0.00	26.45	0.81	0.31	-2.82	85	46	68	1	100	30
Grayson	0.05	36.84	3.80	14.67	1.00	83	44	65	-1	84	48
Hardinsburg	0.00	24.78	0.12	0.83	-3.29	88	43	68	1	100	44
Henderson	0.00	28.71	0.85	6.54	-2.27	90	48	69	0	88	26
Huntington	0.28	26.41	3.40	4.11	0.52	83	44	66	0	93	32
Jackson	0.14	33.99	0.85	9.98	-2.53	85	46	67	1	97	23
Lexington	0.00	31.95	1.45	8.88	-1.70	85	45	68	2	90	31
London	0.05	28.32	2.31	6.13	-0.86	85	45	67	1	90	33
Louisville	0.00	33.29	0.80	10.82	-2.22	88	51	70	3	89	31
Mayfield	0.00	30.28	1.14	5.88	-2.50	88	47	68	-1	84	48
Nashville	0.00	24.25	1.54	1.73	-1.63	90	49	71	4	93	32
Nolin Lake	0.00	31.31	0.94	5.77	-2.84	89	47	69	2	100	30
Paducah	0.26	24.66	0.42	0.67	-2.90	92	49	70	1	93	28
Princeton	0.00	25.52	0.90	1.39	-2.35	87	45	68	-1	84	48
Quicksand	0.11	27.14	0.73	3.13	-2.65	85	47	66	0	84	48
Somerseset	0.01	27.46	0.24	2.32	-3.44	85	43	65	-1	100	33
Spindletop	0.00	38.67	0.60	15.60	-2.55	87	48	69	3	93	31
Williamstown	0.01	30.42	0.81	7.70	-2.28	84	44	66	0	84	48

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.