



# 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

Released: September 28, 2015

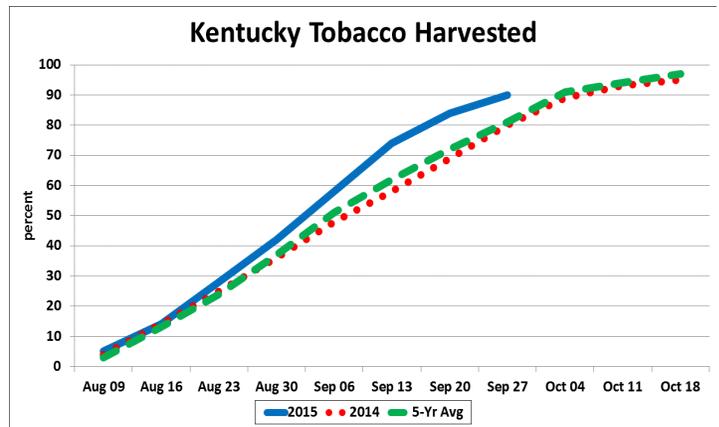
Issue: 30-15

**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.33 inches, 0.52 inches below normal. Temperatures averaged 68 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 17 percent very short, 41 percent short, 40 percent adequate and 2 percent surplus. **Subsoil moisture** was rated 12 percent very short, 38 percent short, 49 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.5 out of a possible seven.

Primary activities this week included harvesting corn, soybeans and tobacco. The Commonwealth remains dry but part of the state received much need rainfall late in the week. Pasture conditions continue to decline due to the dry conditions. Moisture is need to promote germination for fall seeding's. Tobacco houseburn was reported as 1 percent heavy, 5 percent moderate, 14 percent light, with 80 percent experiencing none.

**SOIL MOISTURE for week ending 09/27/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	17	41	40	2
Subsoil	12	38	49	1



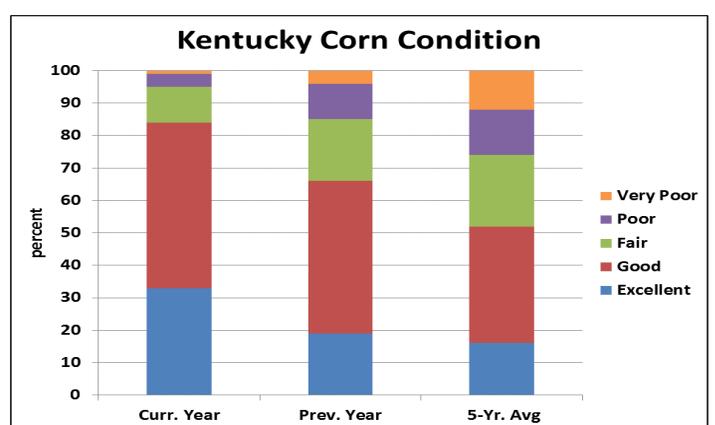
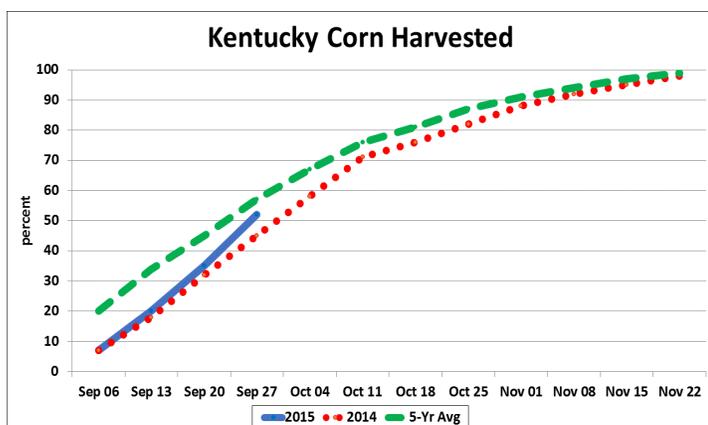
**CROP PROGRESS for week ending 09/27/15**

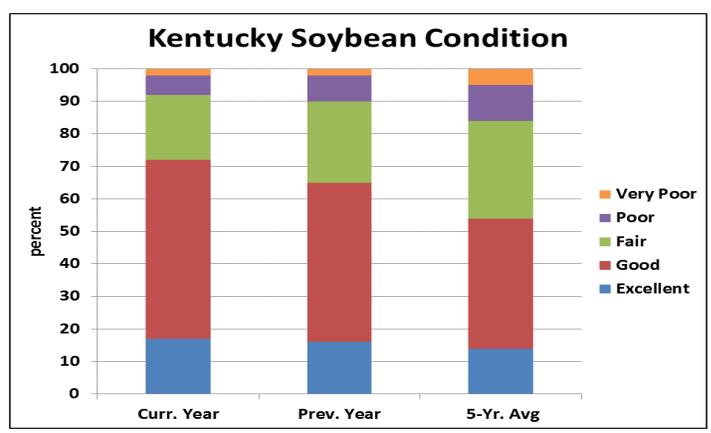
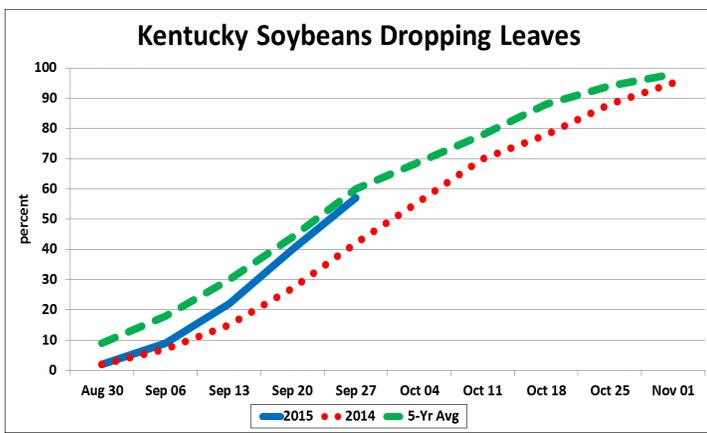
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	99	96	96	98
Corn Mature	92	83	84	90
Corn Harvested	52	35	45	57
Soybeans Coloring	83	71	70	-
Soybeans Dropping Leaves	57	40	42	60
Soybeans Mature	39	21	21	34
Soybeans Harvested	19	4	8	11
Tobacco Cut	90	84	80	81
Winter Wheat Seeded	3	-	1	-

- Represents zero or not available.

**CROP CONDITIONS for week ending 09/27/15**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	11	51	33
Hay	3	9	33	49	6
Pasture	6	16	30	43	5
Soybeans	2	6	20	55	17
Tobacco Housed	2	8	23	59	8





**Kentucky Climate Summary  
For the Period September 21, 2015 to September 27, 2015**

Above Normal Temperatures and Below Normal Rainfall:

The US Drought Monitor upgraded a slight portion of Kentucky to ‘Moderate Drought’ this past week, while over half remains ‘Abnormally dry’. Depending on location, it was either another dry period or beneficial rainfall was finally seen. While it was mostly dry through Thursday, an upper level low pressure system worked into the Lower Ohio Valley on Friday and into the weekend. Showers became widespread at times Friday evening, but it was not a statewide event. Much of the activity was located across mainly the eastern half of the state. This was followed by scattered coverage on Saturday across the same general area, before diminishing that night. According to data at the Ag Weather Center, light to moderate showers led to average totals of 0.39 and 0.71 inches in the Bluegrass and Eastern Kentucky, respectively. Western and central portions of the state missed out on much of the activity and were much below normal for a second straight week.

Temperatures for the period averaged 68 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 82 in the West to 76 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 56 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at BURLINGTON 4S and the extreme low was 43 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.33 inches statewide which was 0.52 inches below normal and 39% of normal. Precipitation totals by climate division, West 0.07 inches, Central 0.17 inches, Bluegrass 0.39 inches and East 0.71 inches, which was 0.79, 0.77, 0.38 and 0.13 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at HICKMAN 2E to a high of 1.27 inches at STANFORD 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/27/15 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	0.30	33.72	1.91	9.90	-1.10	86	47	68	3	96	24
Berea	0.88	32.85	2.39	7.82	-1.34	83	45	65	1	88	38
Bowling Green	0.15	23.74	0.86	-1.29	-2.60	89	48	70	5	93	30
Bristol	0.32	23.21	1.92	2.05	-1.12	83	54	68	4	100	28
Buckhorn Lake	0.94	26.82	2.07	3.03	-1.34	82	48	65	1	93	27
Cape Girardeau	0.03	28.48	1.26	5.15	-2.07	86	48	67	0	100	36
Campbellsville	0.36	28.53	1.10	0.32	-3.22	85	45	67	2	96	53
Covington	0.07	22.88	0.99	0.83	-1.71	84	52	68	4	93	31
Cumberland Gap	0.94	28.86	2.64	3.34	-0.27	82	52	66	2	100	28
Dix Dam	0.55	35.03	1.20	10.47	-1.99	87	47	67	3	93	33
Evansville	0.02	25.33	0.15	3.25	-2.62	88	50	70	3	88	28
Glasgow	0.13	26.58	0.85	-0.47	-2.78	86	46	68	3	100	31
Grayson	1.17	38.01	4.91	15.20	2.31	80	48	64	0	84	49
Hardinsburg	0.11	24.89	0.23	0.09	-3.18	87	46	68	3	100	44
Henderson	0.01	28.72	0.79	5.75	-2.43	89	47	70	3	88	28
Huntington	0.50	26.91	3.90	3.96	1.25	82	53	66	2	100	32
Jackson	0.68	34.67	1.52	9.84	-1.78	82	55	66	2	100	32
Lexington	0.38	32.33	1.36	8.51	-1.65	86	48	67	3	93	33
London	0.98	29.30	3.29	6.30	0.05	84	52	68	4	87	25
Louisville	0.10	33.39	0.90	10.19	-2.06	87	54	71	6	87	26
Mayfield	0.05	30.33	0.88	5.01	-2.82	86	48	69	2	84	49
Nashville	0.62	24.87	2.06	1.55	-1.12	89	52	70	5	100	32
Nolin Lake	0.13	31.44	1.07	4.91	-2.85	89	48	70	5	100	31
Paducah	0.01	24.67	0.42	-0.18	-3.01	88	48	70	3	93	30
Princeton	0.00	25.52	0.04	0.61	-3.09	85	47	69	2	84	49
Quicksand	0.94	28.08	1.58	3.25	-1.72	82	53	66	2	84	49
Somerseset	0.96	28.42	1.20	2.35	-2.53	83	47	64	0	100	36
Spindletop	0.52	39.19	1.07	15.37	-1.94	87	49	68	4	97	33
Williamstown	0.10	30.52	0.91	7.06	-2.08	83	48	66	2	84	49

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