



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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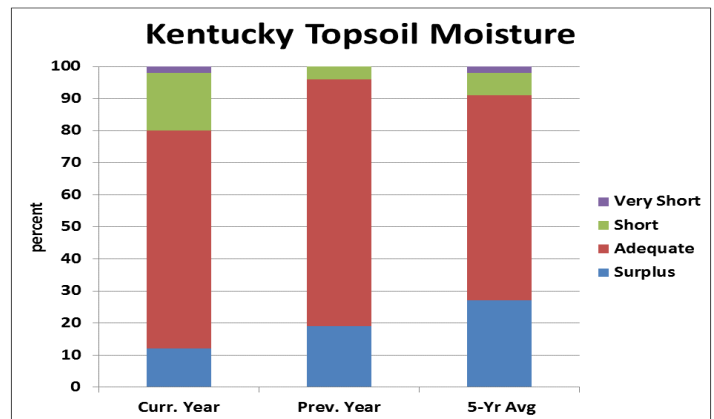
Issue: 12-15

Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.34 inches, 0.78 inches below normal. Temperatures averaged 64 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 2 percent very short, 18 percent short, 68 percent adequate and 12 percent surplus. **Subsoil moisture** was rated 2 percent very short, 12 percent short, 75 percent adequate, and 11 percent surplus. Days suitable for fieldwork averaged 4.7 out of a possible seven.

Dry conditions continued in many locations. However, planting was on hold in some areas due to rains. Primary activities this week included planting corn, soybeans and tobacco, spraying herbicides as well as cutting and baling hay. Recent winds and rain has caused wheat to lodge in certain areas. There were some reports of germination issues where corn was planted in dry areas a couple of weeks ago. The average height of emerged corn was 6 inches, with eighty-five percent rated as good to excellent. Producers are scouting for army worms. Some locations are very dry and in need of rainfall. Dry pasture conditions in these areas are resulting in hay being fed to cattle. Recent heavy rains in some areas were detrimental to strawberries that were mature. Overall, strawberries were rated in mostly good condition.

SOIL MOISTURE for week ending 05/24/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	18	68	12
Subsoil	2	12	75	11



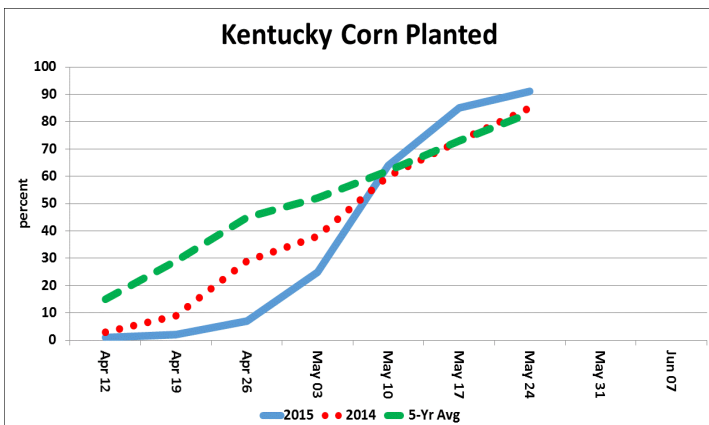
CROP PROGRESS for week ending 05/24/15

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	91	85	85	83
Corn Emerged	71	55	64	67
Soybeans Planted	40	25	28	33
Soybeans Emerged	19	4	11	18
Tobacco Set	44	27	36	30
Winter Wheat Headed	95	87	89	94

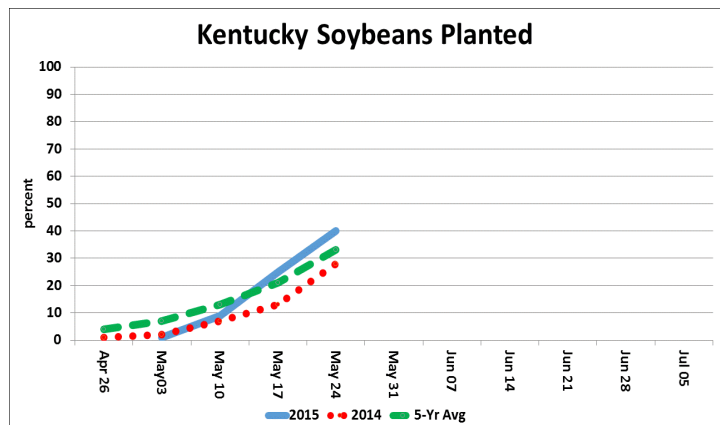
CROP CONDITIONS for week ending 05/24/15

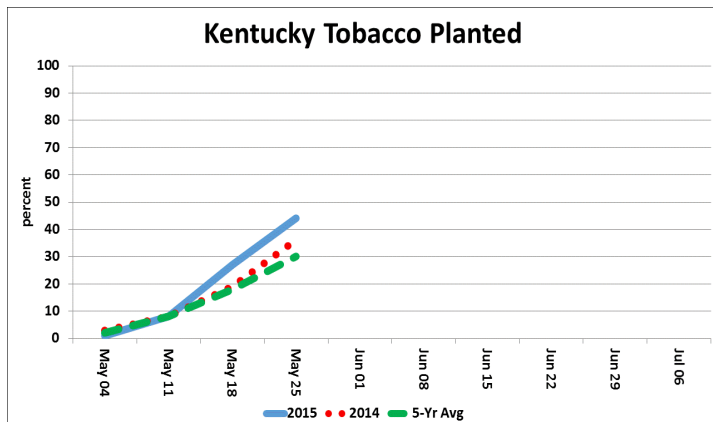
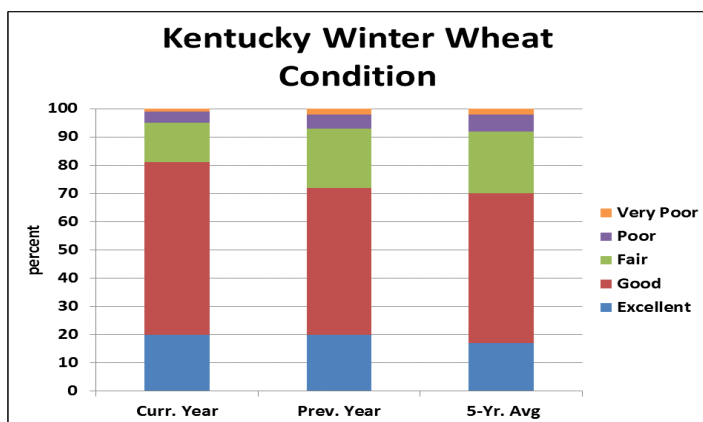
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	12	67	18
Pasture	2	6	21	60	11
Strawberries	3	5	17	67	8
Wheat	1	4	14	61	20

Kentucky Corn Planted



Kentucky Soybeans Planted





**Kentucky Climate Summary
For the Period May 18, 2015 to May 24, 2015**

Below Normal Temperatures and Rainfall:

The dry month of May continued this past week with below normal rainfall in place. Following the second wettest April on record, month to date rainfall for May is now almost 2 inches below normal. Over the course of this past period, the state averaged 0.34 inches with most of it coming on Monday as a couple disturbances pushed through the Lower Ohio Valley. A cold front passed through the area later that night. This set the stage for a rather cool work week. Behind another weak disturbance, many locations did not see highs get out of the 50s on Thursday. This was around 20 degrees below normal for this time of the year. Later that night, some saw the mercury dip into the 30s. Overall, temperatures were on average 2 degrees below normal for the period, breaking a two week streak of above normal temperatures.

Temperatures for the period averaged 64 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 73 in the West to 75 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 3 degrees 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 1 degree cooler than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at CALHOUN 5NW and the extreme low was 36 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.34 inches statewide which was 0.78 inches below normal and 30% of normal. Precipitation totals by climate division, West 0.66 inches, Central 0.23 inches, Bluegrass 0.08 inches and East 0.41 inches, which was 0.45, 0.94, 1 and 0.72 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 1.80 inches at YELLOW CREEK.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/24/15 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures					Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil 4 In. High	Air High		Wkly. Avg.		
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.08	25.51	7.70	67	60	82	40	65	-3
Berea	0.27	24.26	6.23	68	62	84	39	63	-4
Bowling Green	0.20	23.28	2.09	72	62	85	42	66	-2
Bristol	0.26	14.29	-2.40	68	62	85	43	66	-1
Buckhorn Lake	0.81	21.33	2.93	68	62	83	42	64	-3
Cape Girardeau	1.65	24.49	4.79	67	60	85	42	64	-6
Campbellsville	0.33	25.82	4.53	67	60	83	38	63	-5
Covington	0.01	16.43	-0.15	68	62	84	43	63	-4
Cumberland Gap	0.34	21.44	0.26	68	62	83	44	65	-2
Dix Dam	0.04	22.23	3.62	68	62	83	42	63	-4
Evansville	0.33	21.55	3.36	67	60	84	45	63	-7
Glasgow	0.18	23.71	2.13	72	62	83	41	65	-3
Grayson	0.23	23.77	7.68	68	62	83	38	62	-5
Hardinsburg	0.55	21.49	1.44	68	62	83	37	63	-5
Henderson	0.87	19.59	0.93	67	60	86	45	64	-6
Huntington	0.07	20.75	4.74	72	62	83	40	62	-5
Jackson	0.48	23.68	4.88	68	62	84	43	65	-2
Lexington	0.01	23.73	5.92	68	62	84	42	64	-3
London	0.09	18.90	0.18	68	62	84	41	65	-2
Louisville	0.03	22.21	3.58	68	62	86	48	66	-2
Mayfield	0.82	23.11	0.40	67	60	84	41	64	-6
Nashville	0.56	18.86	-1.55	72	62	86	44	67	-1
Nolin Lake	0.51	26.68	5.89	67	64	86	41	68	0
Paducah	0.86	24.41	3.49	71	60	86	43	65	-5
Princeton	0.40	21.94	0.13	71	60	84	40	63	-7
Quicksand	1.25	23.36	4.56	68	62	84	45	64	-3
Somerset	0.10	23.33	2.96	68	62	83	40	63	-3
Spindletop	0.26	26.74	8.93	68	62	84	44	64	-3
Williamstown	0.01	20.19	2.62	68	62	82	42	62	-5

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