



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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Agricultural News: Kentucky experienced well above normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.59 inches, 0.57 inches above normal. Temperatures averaged 63 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 1 percent short, 74 percent adequate, and 25 percent surplus. **Subsoil moisture** was rated 1 percent short, 73 percent adequate, and 26 percent surplus. Days suitable for fieldwork averaged 4.3 out of a possible seven.

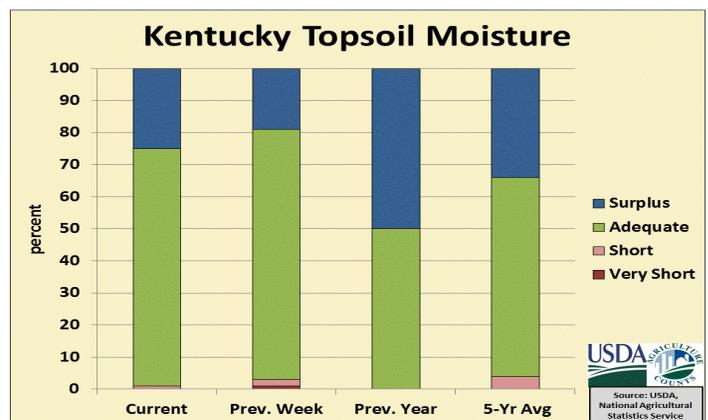
Primary activities for this week included planting corn, seeding tobacco transplants, and preparing fields. Farmers are performing fieldwork at every opportunity, however intermittent rain continues to stymie progress. Corn producers are ready to get their crop in the ground, but weather conditions have not been conducive in the early planting season. The crop is ahead of last year, but considerably behind 2017 at this juncture. Seventy five percent of tobacco transplants were under 2 inches, with 22 percent 2-4 inches, and 3 percent above 4 inches. Transplants were reported as in mostly fair to good condition.

Winter wheat condition is mostly fair to good with an average height of 13 inches. Freeze damage to winter wheat was reported as 1 percent moderate, 11 percent light, and 88 percent with no damage. The average height of alfalfa was 6 inches. Freeze damage to alfalfa was reported as 1 percent severe, 9 percent moderate, 29 percent light, and 61 percent with no damage. Pastures are starting to show some growth easing the demand for hay which is in short supply.

SOIL MOISTURE for week ending 04/14/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	74	25
Subsoil	-	1	73	26

- Represents zero.



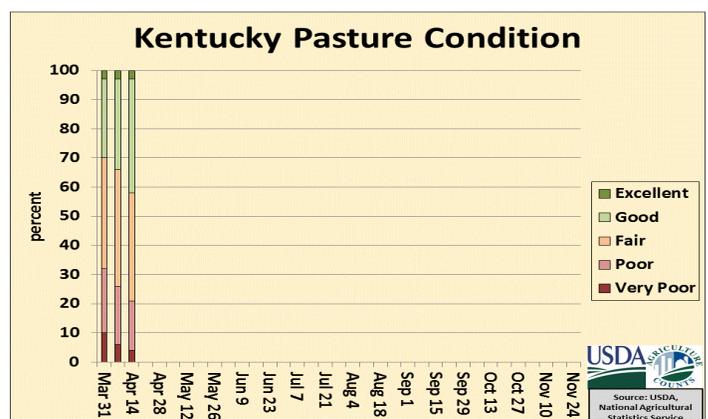
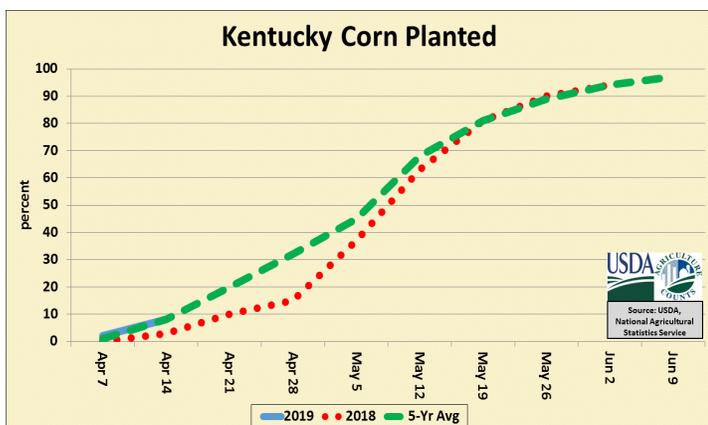
CROP PROGRESS for week ending 04/14/19

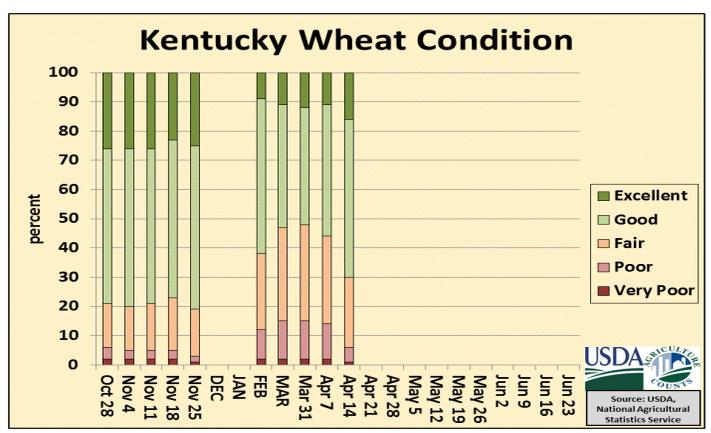
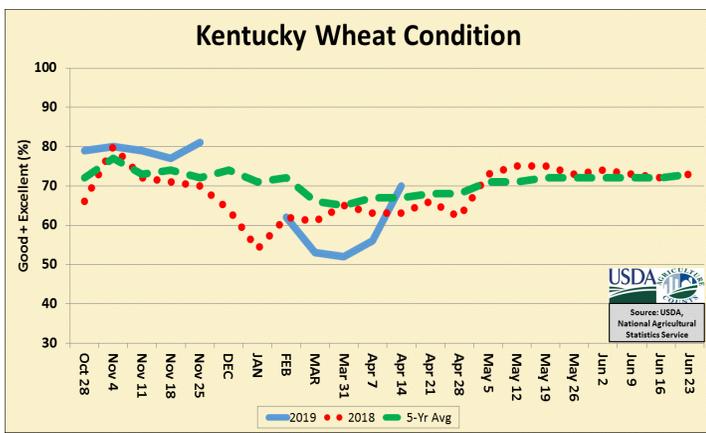
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	8	2	3	8
Tobacco Transplants Seeded	74	59	70	77
Winter Wheat Headed	1	-	1	-

- Represents not available.

CROP CONDITIONS for week ending 04/14/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	4	17	37	39	3
Tobacco Transplants	1	3	30	60	6
Wheat	1	5	24	54	16





**Kentucky Climate Summary
For the Period April 8, 2019 to April 14, 2019**

Well Above Normal Temperatures and Above Normal Rainfall:

Kentucky saw above normal rainfall over the past week behind multiple rounds of precipitation. Activity started on Monday as an upper level disturbance worked across the area. Widespread coverage was focused more across the southern half of the state. This was followed by a few mild and dry days. By Thursday, breezy southerly flow ahead of an approaching area of low pressure pushed highs into the low to middle 80s for much of the state. A cold front then swept through on Thursday night and into Friday, bringing a quick-hitting round of showers and storms. Accumulations were fairly light with this round, but was followed by another area of low pressure working through the area on Saturday night and into Sunday. Overall, this system accounted for the brunt of the 1.59 state average for the week. Accompanying the weekend system was high winds with numerous gusts over 40 mph and some exceeding 50.

Temperatures for the period averaged 63 degrees across the state which was 8 degrees warmer than normal and 10 degrees warmer than the previous period. High temperatures averaged from 73 in the West to 74 in the East. Departure from normal high temperatures ranged from 5 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 52 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 14 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at JACKSON AIRPORT and the extreme low was 36 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.59 inches statewide which was 0.57 inches above normal and 157% of normal. Precipitation totals by climate division, West 1.92 inches, Central 1.71 inches, Bluegrass 1.27 inches and East 1.47 inches, which was 0.76, 0.67, 0.35 and 0.53 inches above normal. By station, precipitation totals ranged from a low of 0.75 inches at CINCINNATI to a high of 2.67 inches at HICKMAN 2E.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/14/19 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air			
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	1.30	17.24	4.96	61	54	81	44	63	8
Berea	1.15	15.94	3.90	--	--	84	40	61	7
Bowling Green	1.79	19.21	4.14	66	56	84	46	64	9
Bristol	0.88	18.47	6.56	--	--	79	42	65	11
Buckhorn Lake	1.48	17.82	4.60	--	--	81	44	64	10
Cape Girardeau	2.26	18.48	5.16	--	--	82	42	61	4
Campbellsville	1.83	19.36	4.62	--	--	82	42	62	7
Covington	0.75	17.61	6.34	--	--	81	40	61	7
Cumberland Gap	1.76	27.66	12.38	--	--	69	43	56	2
Dix Dam	1.61	15.67	2.98	--	--	80	43	63	9
Evansville	1.66	20.77	8.40	--	--	83	41	62	5
Glasgow	1.95	19.67	4.44	61	53	82	41	62	7
Grayson	0.93	13.66	2.81	--	--	85	38	63	9
Hardinsburg	1.87	18.86	4.88	--	--	83	39	62	7
Henderson	1.61	18.23	5.36	--	--	84	38	61	4
Huntington	1.11	12.60	1.81	--	--	86	38	64	10
Jackson	1.21	17.53	4.39	--	--	85	50	65	11
Lexington	1.58	16.90	4.62	62	55	83	44	64	10
London	1.74	21.16	7.83	--	--	82	42	64	10
Louisville	1.44	17.53	4.74	--	--	84	46	65	10
Mayfield	2.57	26.61	10.47	--	--	83	35	61	4
Nashville	3.09	23.84	9.54	--	--	85	49	67	12
Nolin Lake	1.55	21.23	7.10	--	--	83	48	65	10
Paducah	2.65	24.81	10.38	69	57	83	42	62	5
Princeton	1.96	20.23	4.82	69	57	82	37	62	5
Quicksand	1.20	16.93	3.79	--	--	83	39	62	8
Somerset	1.07	21.05	6.93	--	--	82	41	61	7
Spindletop	1.63	18.02	5.74	62	55	82	41	62	8
Williamstown	1.07	17.96	6.01	--	--	81	39	62	8

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