



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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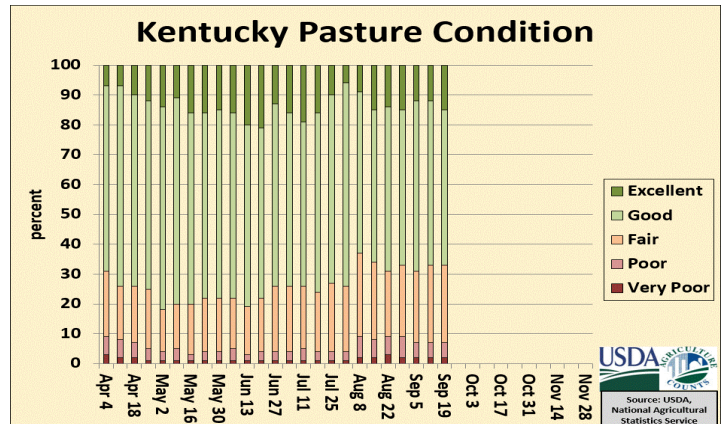
Issue: 29-21

Agricultural News: Kentucky experienced below normal temperatures and above normal precipitation over the past week. Precipitation for the week totaled 1.10 inches, 0.26 inches above normal. Temperatures averaged 74 degrees for the week, 5 degrees above normal. Topsoil moisture was rated 3 percent very short, 15 percent short, 76 percent adequate and 6 percent surplus. Subsoil moisture was rated 3 percent very short, 18 percent short, 75 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven.

Primary activities this week included harvesting corn, soybeans, and tobacco. The wet weather has slowed crop drying and delayed row crop harvest. Corn and soybeans remain in mostly good condition. Although early corn yield reports have been good, some farmers are seeing lower yields than initially expected. Tobacco cutting continued with 71 percent of the crop harvested. Housed tobacco conditions have declined due to the wet weather. The increased precipitation is likely to increase house burn in tobacco. Pastures are in mostly good conditions from the recent rains.

SOIL MOISTURE for week ending 09/19/21

	Very Short		Short		Adequate		Surplus	
	%		%		%		%	
Topsoil	3	15	76	6				
Subsoil	3	18	75	4				



CROP PROGRESS for week ending 09/19/21

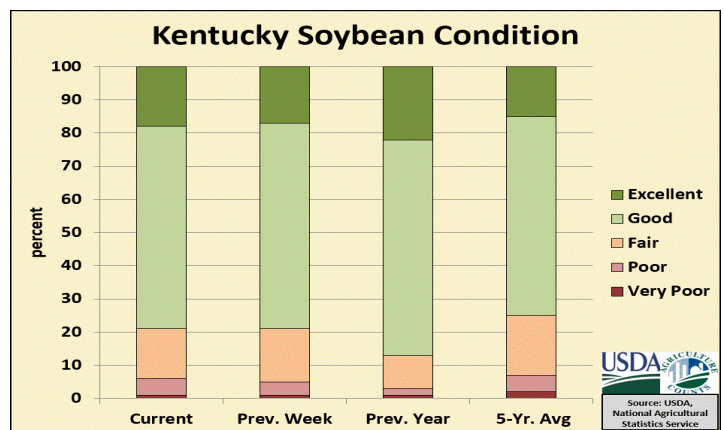
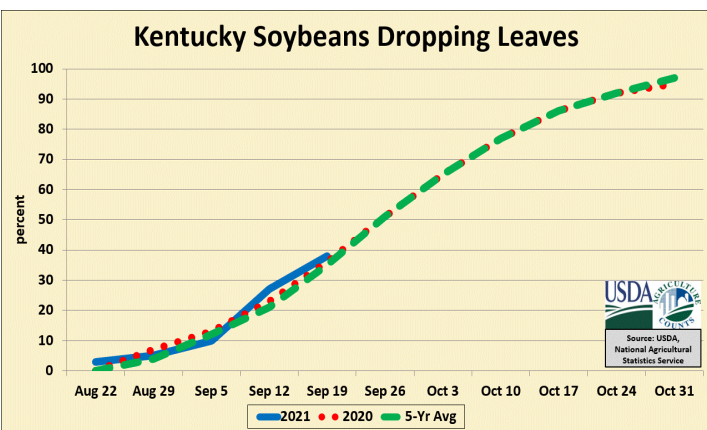
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	95	92	100	99
Corn Dent	89	83	95	94
Corn Mature	75	60	80	80
Corn Harvested	28	15	28	36
Soybeans Setting Pods	95	92	98	96
Soybeans Coloring	68	54	61	59
Soybeans Dropping Leaves	38	27	34	33
Soybeans Harvested	9	4	7	8
Tobacco Topped	97	94	-1	-1
Tobacco Cut	71	58	78	74

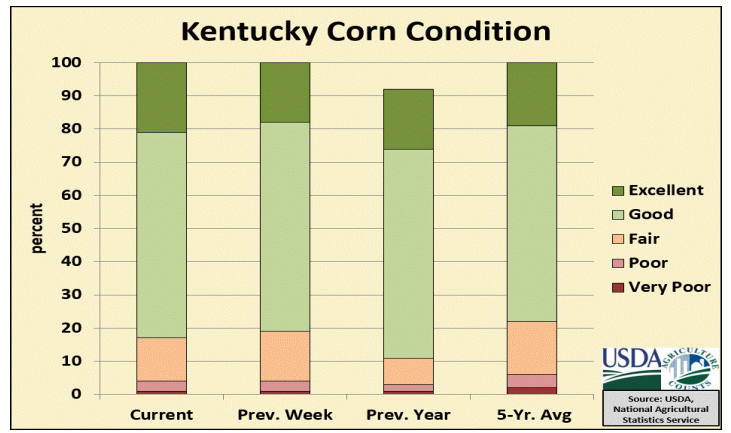
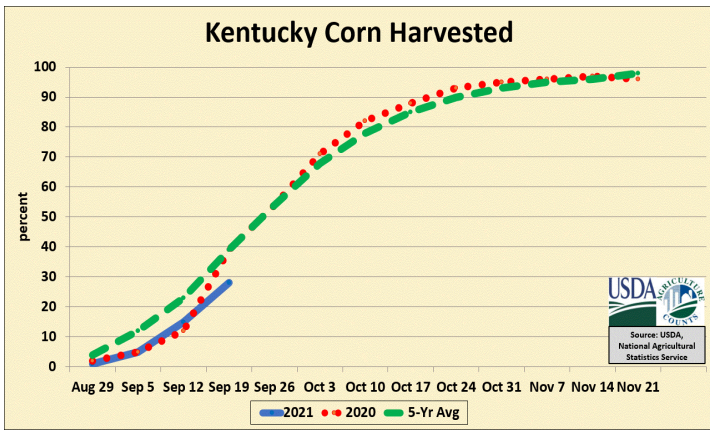
CROP CONDITIONS for week ending 09/19/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	13	62	21
Pasture	2	5	26	52	15
Soybeans	1	5	15	61	18
Tobacco Housed	-	1	11	83	5

- Represents zero.

-1 Shown when data not available.





Kentucky Climate Summary
For the Period September 13, 2021 to September 19, 2021

Above Normal Temperatures and Rainfall:

Following two straight weeks of cooler than normal temperatures, summer warmth and humidity returned to the Bluegrass State. Highs rose well into the 80s on a near daily basis, while dewpoints in the upper 60s to low 70s gave a humid feel to the air. The bulk of the rain for the week fell in a couple rounds, one midweek and the other over the weekend. The state averaged just under three quarters of an inch with the first round, but slow storm movements and torrential rainfall did lead to some isolated instances of excessive rainfall and bouts of flash flooding. The focus for heavier rainfall was across South Central Kentucky over the weekend. While the state averaged 1.10 inches for the week, many across this area saw accumulations of 2+ inches.

Temperatures for the period averaged 74 degrees across the state which was 5 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 84 in the West to 82 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at MADISONVILLE 4S and the extreme low was 59 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 1.10 inches statewide which was 0.26 inches above normal and 131% of normal. Precipitation totals by climate division, West 0.82 inches, Central 1.71 inches, Bluegrass 0.66 inches and East 1.20 inches, which was -0.03, 0.78, -0.09 and 0.38 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at MORGANFIELD 4E to a high of 3.79 inches at SCOTTSVILLE 2W.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/19/21 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	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.31	27.43	3.98	4.46	0.81	86	55	75	7	97	52
Berea	2.06	26.28	4.74	2.32	1.05	86	61	72	5	100	58
Bowling Green	3.23	24.85	7.67	0.81	4.29	89	64	75	7	97	47
Bristol	0.02	16.65	1.45	-3.64	-1.53	90	59	74	7	100	46
Buckhorn Lake	0.11	20.84	2.14	-1.98	-1.24	85	63	74	7	100	49
Cape Girardeau	0.12	21.01	0.79	-1.37	-2.48	91	60	76	6	88	22
Campbellsville	1.09	21.30	3.90	-5.67	-0.37	87	62	73	5	100	55
Covington	0.05	26.33	2.81	5.05	0.01	89	64	76	9	93	41
Cumberland Gap	1.16	24.92	3.66	0.22	0.45	88	61	74	7	100	46
Dix Dam	1.00	28.25	3.61	4.60	0.32	87	64	75	8	100	54
Evansville	0.62	22.24	3.43	0.95	0.65	89	62	76	6	100	43
Glasgow	2.81	31.84	7.28	5.83	3.65	86	64	73	5	100	54
Grayson	0.83	22.89	2.51	0.81	-0.32	88	62	74	7	100	48
Hardinsburg	1.73	26.34	7.19	2.51	3.78	87	64	75	7	100	56
Henderson	0.09	18.18	1.47	-3.87	-1.64	90	60	75	5	100	42
Huntington	0.65	31.41	3.89	9.21	0.97	88	62	74	7	100	36
Jackson	0.77	26.54	1.90	2.65	-1.49	86	63	75	8	100	49
Lexington	0.49	27.96	3.68	4.99	0.51	86	63	74	7	100	54
London	1.04	27.03	3.15	4.96	-0.01	86	61	74	7	100	49
Louisville	0.10	21.17	3.16	-1.19	0.13	89	69	79	11	97	47
Mayfield	0.11	26.98	0.85	2.72	-2.78	89	62	74	4	100	57
Nashville	1.75	24.93	2.51	2.52	-0.65	91	68	77	9	100	54
Nolin Lake	0.96	33.94	5.21	8.54	1.45	90	63	74	6	100	54
Paducah	2.47	25.17	3.10	1.30	-0.21	92	66	77	7	93	45
Princeton	0.53	27.06	1.39	3.04	-1.88	89	63	75	5	100	48
Quicksand	0.30	25.05	1.56	1.16	-1.83	87	60	74	7	86	56
Somerset	0.21	24.76	2.17	-0.24	-1.50	87	58	72	5	100	48
Spindletop	1.07	27.12	4.05	4.15	0.88	85	62	74	7	100	57
Williamstown	0.00	25.34	2.88	2.73	-0.22	86	62	74	7	100	52

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.