



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

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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 27, 2021

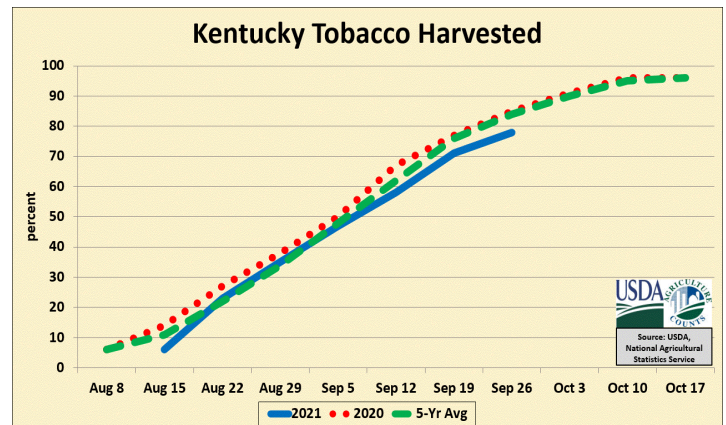
Issue: 30-21

Agricultural News: Kentucky experienced cool rainy weather over the past week. Precipitation for the week totaled 1.67 inches, 0.82 inches above normal. Temperatures averaged 63 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 12 percent short, 79 percent adequate and 8 percent surplus. **Subsoil moisture** was rated 2 percent very short, 15 percent short, 76 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 4.4 out of a possible seven.

Primary activities this week included harvesting corn, soybeans, tobacco, and hay, as conditions allowed. Some fertilizer applications in preparation for wheat planting also occurred. The rainy weather has slowed crop drying and delayed row crop harvest and small grain planting. The wet weather has also caused crop and hay conditions to decline. Several growers have reported problems with armyworm infestations.

SOIL MOISTURE for week ending 09/26/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	12	79	8
Subsoil	2	15	76	7



CROP PROGRESS for week ending 09/26/21

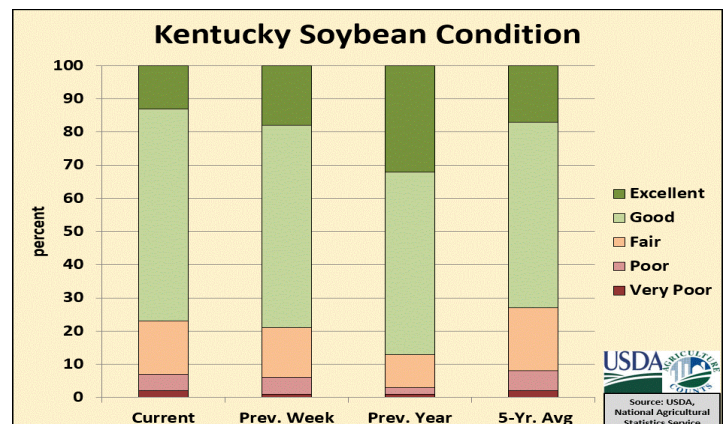
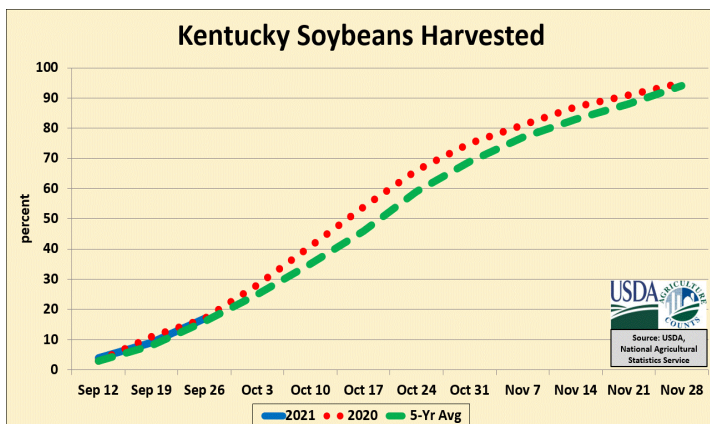
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	91	89	98	97
Corn Mature	82	75	90	88
Corn Harvested	39	28	51	52
Soybeans Coloring	76	68	84	74
Soybeans Dropping Leaves	48	38	52	48
Soybeans Harvested	17	9	16	15
Tobacco Cut	78	71	90	84

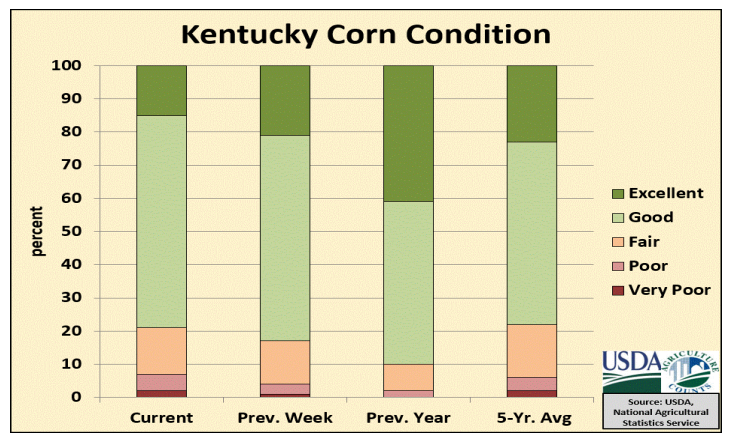
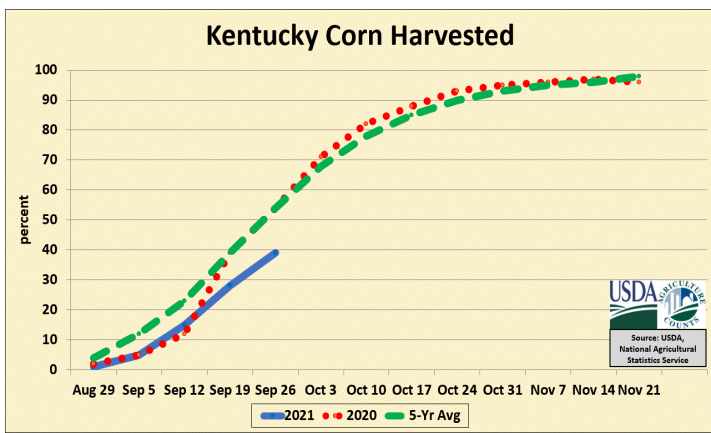
-1 Shown when data not available.

CROP CONDITIONS for week ending 09/26/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	14	64	15
Hay	2	5	22	59	12
Pasture	2	5	29	53	11
Soybeans	2	5	16	64	13
Tobacco Housed	-	2	4	83	11

- Represents zero.





**Kentucky Climate Summary
For the Period September 20, 2021 to September 26, 2021**

Below Normal Temperatures and Above Normal Rainfall:

Fall is normally our driest time of the year, but that hasn't been the case as of late. The state averaged 1.67 inches this period, marking a second straight of above normal rainfall. All of the rain fell between Monday and Wednesday. Outside of some portions of Western and far Eastern Kentucky, this was a statewide event with most seeing over an inch. Much of North Central Kentucky even topped 2 inches. Other than a narrow band of light rain on Saturday, the rest of the week was predominantly dry. Temperatures ran much cooler over the second half of the week behind a strong cold front. The fall season opened with highs on Wednesday and Thursday staying in the middle 60s to low 70s. Low temperatures were coolest on Friday morning with much of Kentucky in the low to middle 40s. Paintsville even dipped into the upper 30s, marking the first time anyone across the state has been in the 30s since late May.

Temperatures for the period averaged 63 degrees across the state which was 3 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 76 in the West to 71 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 55 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 88 degrees at POPLAR BLUFF ASOS and the extreme low was 38 degrees at BOWLING GREEN 4E.

Precipitation (liq. equ.) for the period totaled 1.67 inches statewide which was 0.82 inches above normal and 198% of normal. Precipitation totals by climate division, West 1.26 inches, Central 2.45 inches, Bluegrass 1.75 inches and East 1.22 inches, which was 0.4, 1.52, 0.99 and 0.39 inches above normal. By station, precipitation totals ranged from a low of 0.14 inches at POPLAR BLUFF ASOS to a high of 4.53 inches at HARDINSBURG 5SW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/26/21 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 F	Degrees F	Degrees F	Degrees F	High	Low
Bardstown	3.22	30.65	7.12	6.94	4.09	75	45	63	-3	97	32
Berea	1.48	27.76	6.12	2.86	2.40	78	42	62	-3	100	42
Bowling Green	1.88	26.73	8.67	1.83	5.22	83	47	65	-1	97	33
Bristol	0.62	17.27	2.06	-3.79	-0.97	81	43	64	-1	98	41
Buckhorn Lake	0.63	21.47	2.77	-2.20	-0.64	82	44	63	-2	96	32
Cape Girardeau	0.67	21.68	1.46	-1.53	-1.86	87	42	67	-1	88	16
Campbellsville	2.79	24.09	6.47	-3.96	2.15	78	43	62	-4	100	41
Covington	1.78	28.11	3.19	6.15	0.48	75	46	64	-1	93	33
Cumberland Gap	0.97	25.89	4.55	0.47	1.60	78	45	63	-2	100	41
Dix Dam	1.13	29.38	4.05	4.93	0.84	75	46	63	-2	97	41
Evansville	1.60	23.84	4.84	1.86	2.07	85	46	66	-2	100	31
Glasgow	1.97	33.81	8.27	6.89	4.64	80	45	63	-3	100	39
Grayson	0.91	23.80	3.42	1.08	0.79	82	43	63	-2	100	35
Hardinsburg	4.52	30.86	11.58	6.18	8.17	79	44	63	-3	100	40
Henderson	1.18	19.36	2.38	-3.50	-0.82	85	43	64	-4	100	30
Huntington	0.90	32.31	4.73	9.45	2.05	84	45	64	-1	100	36
Jackson	1.07	27.61	2.95	2.90	-0.36	81	47	64	-1	96	36
Lexington	1.70	29.66	5.38	5.95	2.35	75	45	62	-3	99	41
London	1.26	28.29	4.34	5.40	1.11	77	44	63	-2	100	33
Louisville	3.45	24.62	6.30	1.52	3.33	78	50	66	0	97	33
Mayfield	0.53	27.51	1.38	2.32	-2.31	87	41	65	-3	100	31
Nashville	2.31	27.24	4.63	4.03	1.45	83	49	68	2	100	38
Nolin Lake	2.13	36.07	6.93	9.68	3.03	81	43	63	-3	100	41
Paducah	0.72	25.89	3.78	1.16	0.37	87	47	68	0	100	25
Princeton	1.58	28.64	2.68	3.84	-0.46	84	44	63	-5	100	32
Quicksand	1.11	26.16	2.66	1.45	-0.65	81	44	63	-2	96	49
Somerset	1.82	26.58	3.45	0.64	-0.27	76	40	61	-4	100	38
Spindletop	1.29	28.41	4.66	4.70	1.63	75	46	62	-3	100	42
Williamstown	1.16	26.50	3.32	3.15	0.31	73	45	62	-3	100	40

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