



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
601 W Broadway, Rm 645
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassfoemr@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: June 6, 2022

Issue: 14-22

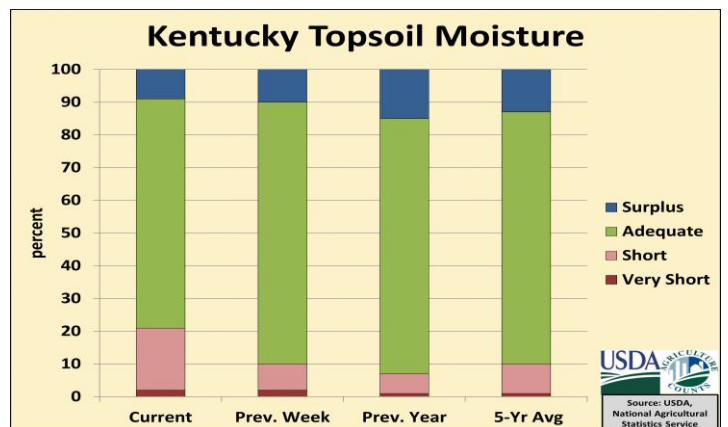
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.31 inches, 0.79 inches below normal. Temperatures averaged 72 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 19 percent short, 70 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated 1 percent very short, 14 percent short, 77 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 5.9 out of a possible seven.

Primary activities for this week included planting corn and soybeans, setting tobacco, and cutting hay. There was strong progress in the fields this week thanks to fairly dry conditions overall. There were a couple of days with scattered showers, however many areas stayed dry throughout. Corn planting is nearing completion as seventy-nine percent of the crop has now emerged. The average height of corn at this juncture is 11 inches and the crop is in good condition. Soybean planting is on par with last year and ahead of the five year average for this point in the season. Fifty-six percent of the soybean crop has emerged. There were reports of slug damage to some of the planted beans, but the issue does not appear to be widespread. Tobacco farmers made a big push with setting this week as the weather was mostly favorable. Of the acres set, the majority are in mostly good condition.

Winter wheat condition declined slightly as fifty-five percent of the crop is now coloring. Pastures are still in good shape, but would benefit from some rain in many parts of the state. Quality forage has been reported as cutting continues. Hay has been aided by moderate temperatures and occasional rain. In some areas there is an increase in summer annual grasses planted for hay and pasture.

SOIL MOISTURE for week ending 06/05/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	19	70	9
Subsoil	1	14	77	8



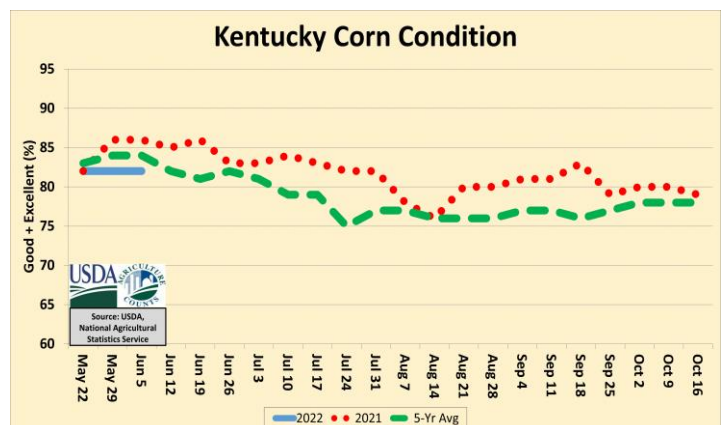
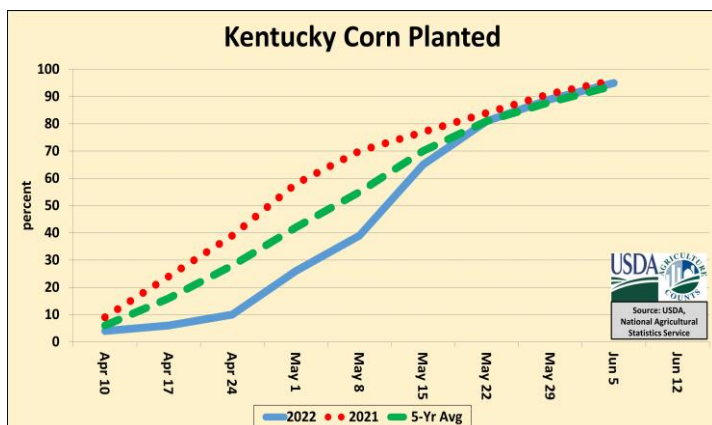
CROP PROGRESS for week ending 06/05/22

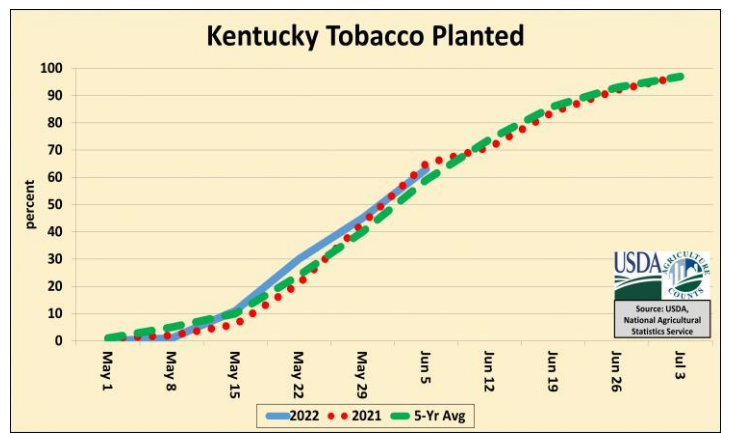
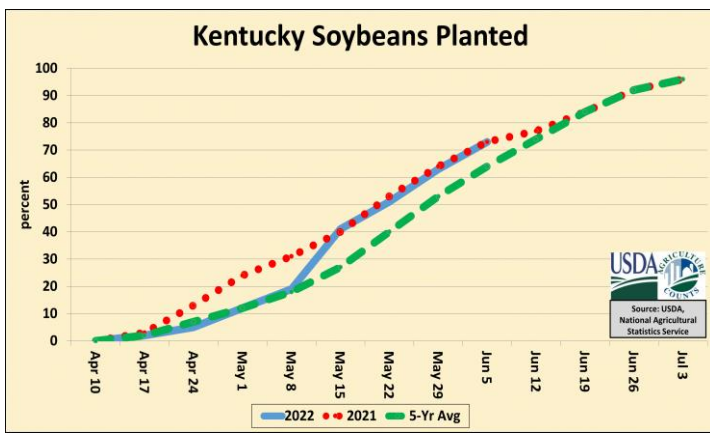
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	95	89	96	94
Corn Emerged	79	67	84	82
Soybeans Planted	73	63	73	64
Soybeans Emerged	56	41	55	46
Tobacco Set	63	45	65	59
Winter Wheat Coloring	55	-1	-1	-1

CROP CONDITIONS for week ending 06/05/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	15	68	14
Pasture	1	3	21	61	14
Tobacco Set	1	2	16	70	11
Wheat	1	2	12	68	17

-1 Shown when data not available.





Kentucky Climate Summary
For the Period May 30, 2022 to June 5, 2022

Above Normal Temperatures and Below Normal Rainfall:

The Bluegrass State saw a fairly dry week, averaging just under a third of an inch across the area. This rain fell on Wednesday and Thursday with the passage of a cold front. Coverage was scattered in nature, leading to some locations missing out and staying completely dry for the week. Looking at temperatures, the week opened with highs in the middle 80s to low 90s behind southerly flow and mostly sunny skies in place. Dewpoints in the mid-60s to around 70 led to a humid air mass in place. The tide shifted following the passage of the cold front mid-week. Cooler and drier air was ushered into the area by northwest flow, setting up a period of below normal temperatures to end the workweek. Low humidity continued into the weekend with highs back in the low to middle 80s by Sunday.

Temperatures for the period averaged 72 degrees across the state which was 2 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 82 in the West to 83 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 60 degrees in the West to 60 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at CAPE GIRARDEAU ASOS and the extreme low was 47 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 0.31 inches statewide which was 0.79 inches below normal and 28% of normal. Precipitation totals by climate division, West 0.39 inches, Central 0.17 inches, Bluegrass 0.49 inches and East 0.18 inches, which was 0.68, 0.95, 0.59 and 0.93 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BIG SANDY to a high of 2.61 inches at BENTON 4N.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/05/22 7 P.M.^

County	Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*	Last Week	Since Apr 1	Dev. Since Apr 1
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	0.00	8.81	2.06	-1.86	-2.05	89	50	71	0	153	896	-29
Christian	Hopkinsville(M)	0.00	13.69	3.86	2.79	-0.76	88	57	72	0	160	912	16
Daviess	Owensboro(AP)	0.10	5.83	1.49	-4.65	-2.62	91	54	74	2	171	960	89
Fulton	Hickman(M)	0.18	12.59	3.8	1.81	-0.36	90	55	73	0	166	968	10
Marshall	Benton(M)	0.02	13.53	2.14	1.25	-3.04	89	53	72	0	156	923	-31
McCracken	Paducah(AP)	0.17	12.94	4.02	2.16	-0.14	90	55	75	2	177	1036	78
McLean	Calhoun(M)	0.16	7.65	2.83	-3.41	-1.7	89	52	71	-1	152	842	-180
Todd	Elkton(M)	0.04	8.54	2.35	-2.36	-2.27	90	52	72	0	155	889	-7
Union	Morganfield(M)	0.80	7.55	2.48	-2.93	-1.63	90	55	73	1	162	926	55
Central KY													
Barren	Glasgow(M)	0.03	10.54	4.22	-0.65	-0.56	88	52	72	1	156	882	61
Breckinridge	Hardinsburg(M)	0.56	9.9	3.08	-2.22	-2.05	89	53	71	1	153	849	65
Clinton	Albany(M)	0.17	8.31	1.86	-3.03	-2.84	87	51	71	2	150	849	168
Hardin	Elizabethtown(M)	0.25	7.1	2.14	-5.02	-2.99	91	52	72	2	154	836	52
Hart	Munfordville(M)	0.23	5.89	1.59	-4.99	-2.89	88	51	72	0	154	820	-206
Jefferson	Louisville(AP)	0.76	8.43	3.21	-2.25	-1.19	92	58	76	3	182	1033	79
Taylor	Campbellsville(M)	0.02	6.65	1.76	-4.32	-2.95	88	49	71	1	151	857	40
Warren	Bowling_Green(AP)	0.00	7.75	2.32	-2.83	-2.01	91	54	75	2	175	1034	92
Bluegrass													
Boone	Cinci./NKY(AP)	0.53	12.93	6.39	2.95	2.23	89	54	73	4	162	812	140
Boyle	Danville(M)	0.16	7.51	2.61	-2.95	-1.8	87	50	71	2	153	833	36
Fayette	Lexington(AP)	0.01	7.56	2.31	-3.14	-2.55	89	53	74	4	170	913	148
Franklin	Frankfort(M)	0.33	8.63	3.94	-1.7	-0.37	88	50	70	0	146	802	17
Madison	Richmond(M)	0.00	8.08	2.12	-2.38	-2.29	88	48	69	0	138	791	-6
Mason	Maysville(M)	0.63	10.04	5.04	-0.51	0.46	87	51	70	2	145	737	112
Eastern KY													
Breathitt	Jackson(AP)	0.06	8.02	2.38	-2.51	-2.24	89	56	73	4	163	920	89
Harlan	Harlan(M)	0.46	11.07	4.73	0.98	0.55	75	48	63	-5	94	438	-294
Lawrence	Louisa(M)	0.04	8.38	1.97	-0.59	-2.04	89	48	71	3	150	814	139
Pike	Pikeville(M)	0.51	9.56	4.55	0.59	0.54	82	57	68	0	132	708	33
Pulaski	Somerset(M)	0.55	9.49	3.64	-0.97	-0.77	87	48	69	0	137	783	-14
Rowan	Morehead(M)	0.02	9.23	4.47	-1.4	-0.09	87	48	69	1	137	746	92

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agricultural Weather Center: (859) 218-4363.

^ : Data Courtesy: (M) - Kentucky Mesonet Station: <http://www.kymesonet.org/>

(AP) - Airport, Federal Aviation Administration Surface Weather Observation Station (ASOS/AWOS)

* : Deviations based on closest available station with climate normals: http://weather.uky.edu/climate_normals.php