



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: nassrfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
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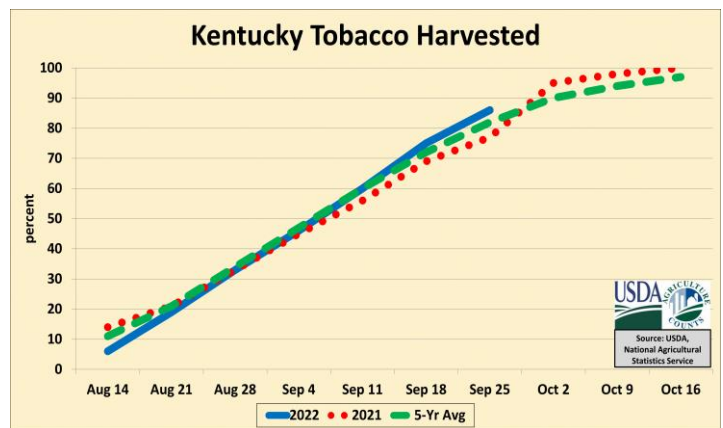
Agricultural News: Kentucky experienced above normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.20 inches, 0.64 inches below normal. Temperatures averaged 70 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 10 percent very short, 33 percent short, 52 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 7 percent very short, 30 percent short, 57 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities for this week included cutting tobacco along with harvesting corn and soybeans. The fall harvest is rolling along as dry weather persists across the state. Temperatures have been unseasonably hot, coupled with the dryness, leading to stress for crops that remain in the field. Ninety-five percent of the corn crop is in the dent stage. With 81 percent of the crop mature, corn is 43 percent harvested. Corn condition has declined as drought and heat are taking a toll. Corn yields seem to be greatly varied as rain was spotty at key points in the growing season for many producers. Seventy percent of the soybean crop is coloring at this juncture. The bean harvest is moving along steadily as 46 percent of the crop is dropping leaves. There are reports of uneven development in some plants and late soybeans are being negatively affected by current weather. Like corn, soybean condition is showing subtle decline. Eighty-six percent of tobacco has been cut at this point. The condition of housed tobacco is 4 percent very poor, 7 percent poor, 23 percent fair, 60 percent good, and 6 percent excellent.

Pasture condition has deteriorated due to hot and dry weather. With pasture ground drying up, farmers will need to begin supplementing with hay for livestock. The condition of hay is rated as 2 percent very poor, 8 percent poor, 34 percent fair, 49 percent good, and 7 percent excellent.

SOIL MOISTURE for week ending 09/25/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	33	52	5
Subsoil	7	30	57	6



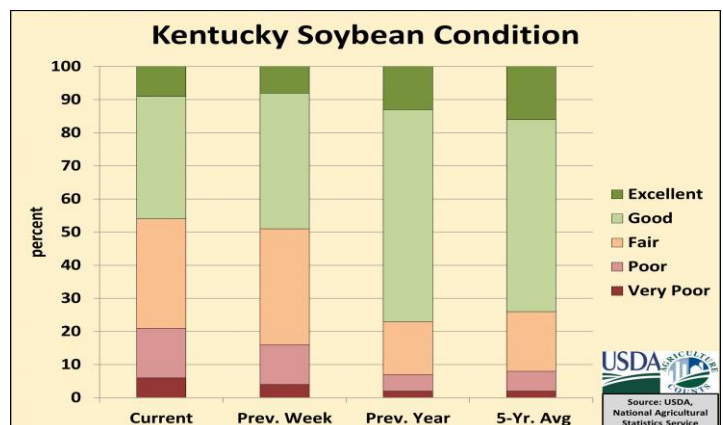
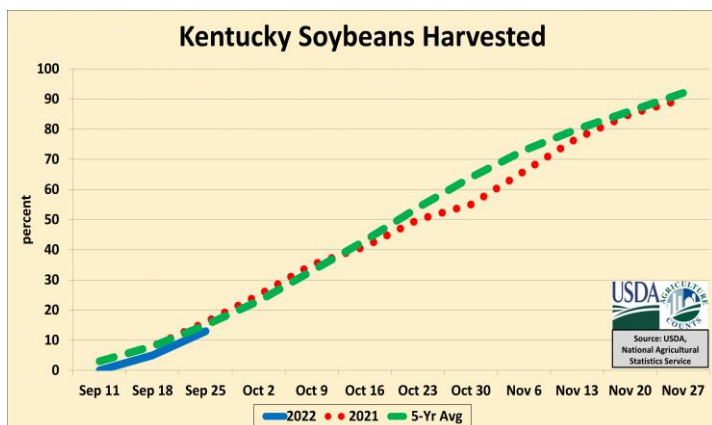
CROP PROGRESS for week ending 09/25/22

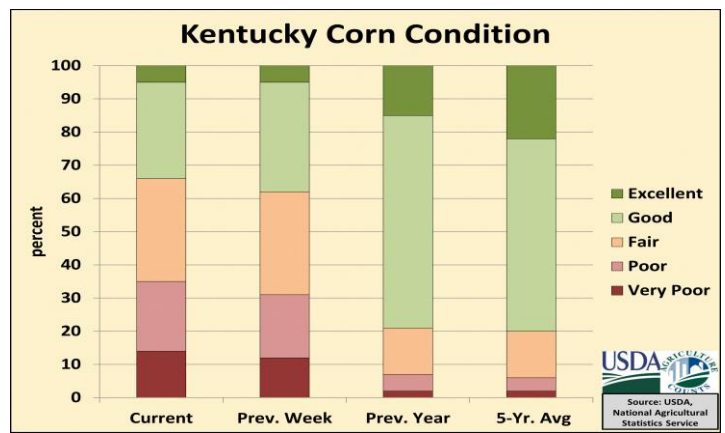
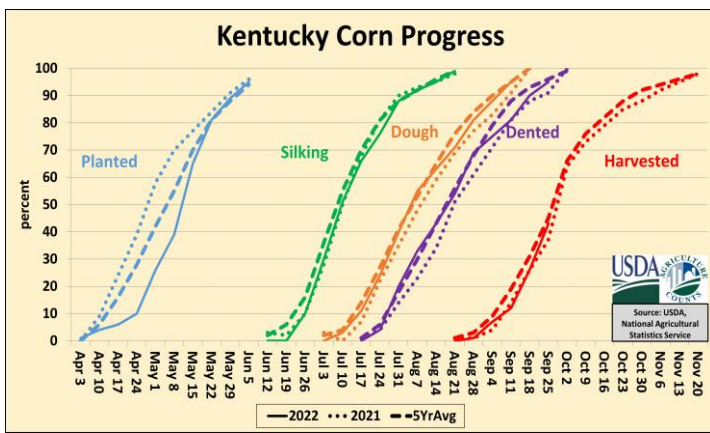
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	95	90	91	96
Corn Mature	81	71	81	85
Corn Harvested	43	26	37	45
Soybeans Coloring	70	58	75	74
Soybeans Dropping Leaves	46	32	47	47
Soybeans Harvested	13	5	16	15
Tobacco Cut	86	75	77	82
Winter Wheat Seeded	2	-1	1	2

CROP CONDITIONS for week ending 09/25/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	14	21	31	29	5
Hay	2	8	34	49	7
Pasture	4	17	31	39	9
Soybeans	6	15	33	37	9
Tobacco Housed	4	7	23	60	6

- Represents not available.





Kentucky Climate Summary
For the Period September 19, 2022 to September 25, 2022

Above Normal Temperatures and Much Below Normal Rainfall:

Our dry trend continued this past week. Kentucky saw a few rounds of showers, but both coverage and accumulations were lacking. Overall, the state averaged 0.20 inches and that number only increases to 0.26 over the past 14 days. Looking at temperatures, summer heat was in place for the first half of the week. Highs peaked on Wednesday with much of Kentucky jumping well into the 90s. Some even topped 100 across Western KY. In fact, Paducah-Barkley Regional Airport topped out at 101, the latest 100+ reading in station history and the warmest temperature seen since early August of 2012. The heat was followed by the passage of a strong cold front, ushering much cooler air into the region for the second half of the week. Low temperatures on Friday morning fell into the 40s for most everyone, but a few isolated spots across Eastern KY hit the upper 30s.

Temperatures for the period averaged 70 degrees across the state which was 3 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 87 in the West to 79 in the East. Departure from normal high temperatures ranged from 7 degrees warmer than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 101 degrees at PADUCAH ASOS and the extreme low was 39 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.20 inches statewide which was 0.64 inches below normal and 24% of normal. Precipitation totals by climate division, West 0.24 inches, Central 0.19 inches, Bluegrass 0.15 inches and East 0.24 inches, which was 0.61, 0.73, 0.61 and 0.59 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at MARION 4NE to a high of 1.05 inches at HENDERSON 5E.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/25/22 7 P.M.^

County	Weather Station	Rainfall			Deviation From		Air Temperatures			
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F
Western KY										
Caldwell	Princeton(M)	0.04	22.16	0.39	-2.90	-2.52	98	45	72	3
Christian	Hopkinsville(M)	0.07	26.65	2.27	0.14	-1.01	97	46	73	4
Daviess	Owensboro(AP)	0.34	17.53	2.58	-5.95	-0.44	97	48	74	6
Fulton	Hickman(M)	0.02	23.91	1.25	-0.93	-1.90	95	52	74	5
Marshall	Benton(M)	0.01	24.82	1.42	-3.32	-2.04	98	50	74	5
McCracken	Paducah(AP)	0.00	20.79	0.85	-4.05	-2.30	101	49	77	8
McLean	Calhoun(M)	1.01	24.77	3.32	-0.95	0.28	93	47	70	0
Todd	Elkton(M)	0.14	25.13	2.79	-1.38	-0.49	96	49	72	3
Union	Morganfield(M)	0.20	21.62	3.28	-1.86	0.26	98	46	73	5
Central KY										
Barren	Glasgow(M)	0.13	23.57	1.43	-3.24	-1.80	94	46	71	3
Breckinridge	Hardinsburg(M)	0.21	26.42	1.34	0.06	-1.82	94	47	70	2
Clinton	Albany(M)	0.05	27.19	2.24	-1.45	-1.99	90	48	68	2
Hardin	Elizabethtown(M)	0.11	22.83	3.88	-3.53	0.72	94	45	69	1
Hart	Munfordville(M)	0.00	18.12	1.32	-8.85	-2.35	95	47	70	0
Jefferson	Louisville(AP)	0.16	22.21	2.97	-2.79	-0.32	96	51	74	4
Taylor	Campbellsville(M)	0.87	21.02	3.16	-5.53	-0.44	94	47	69	2
Warren	Bowling_Green(AP)	0.04	21.65	2.51	-3.90	-0.90	97	51	76	7
Bluegrass										
Boone	Cinci./NKY(AP)	0.26	29.09	2.75	5.29	-0.14	90	47	69	3
Boyle	Danville(M)	0.03	21.00	1.15	-5.87	-2.45	93	39	69	2
Fayette	Lexington(AP)	0.13	21.88	2.67	-4.60	-0.47	94	44	71	4
Franklin	Frankfort(M)	0.08	22.73	1.72	-1.83	-1.29	93	42	68	1
Madison	Richmond(M)	0.04	24.24	3.98	-2.63	0.38	93	40	67	0
Mason	Maysville(M)	0.18	24.60	3.20	-0.79	-0.02	92	43	67	0
Eastern KY										
Breathitt	Jackson(AP)	0.18	30.15	1.37	3.01	-1.77	90	48	69	2
Harlan	Harlan(M)	0.76	32.96	2.92	6.09	-0.07	76	38	59	-7
Lawrence	Louisa(M)	0.45	24.58	2.39	-0.07	-0.72	90	44	67	1
Pike	Pikeville(M)	0.35	33.88	2.50	9.23	-0.61	81	41	63	-2
Pulaski	Somerset(M)	0.12	25.56	1.55	-1.31	-2.05	94	41	66	0
Rowan	Morehead(M)	0.05	26.23	1.63	-1.50	-1.98	91	40	66	0

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