



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
 Univ. of Ky - Agr'l Weather Center
 U.S. Dept. of Commerce - NOAA
 Kentucky Department of Agriculture
 Cooperative Extension Service

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Released weekly April through November

Issued 4:00 P.M., August 26, 2002

KGC 23-02

AGRICULTURAL NEWS: Scattered showers helped alleviate dry conditions in some areas, but much more rain is needed Statewide. Days suitable for fieldwork averaged 5.8 out of a possible seven days. Most of the farm work continued to be cutting, housing, spraying, and topping tobacco, with some places harvesting corn and hay. During the rains, some farmers did some maintenance and repairs. As of Friday, August 23 **topsoil moisture** was rated 38 percent very short, 32 percent short, 29 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 36 percent very short, 41 percent short, 22 percent adequate and 1 percent surplus.

CORN: The corn crop was too advanced to benefit from this week's showers. The condition as of Friday, August 23 was reported as 9 percent very poor, 22 percent poor, 32 percent fair, 30 percent good, and 7 percent excellent. Some parts of the State that received adequate rain during the growing season are expecting a decent corn crop, though others will get a lower yield. Eighty-five percent of the corn was dented, compared with 86 percent last year and a 5-year average of 73 percent. Corn in the mature stage reached 35 percent, compared to 41 percent a year ago, and 24 percent for the average. Harvesting corn was just getting started in Kentucky, at 8 percent. Last year, harvesting was at 4 percent, with 3 percent being the average. Some of the poorer corn was being harvested as silage.

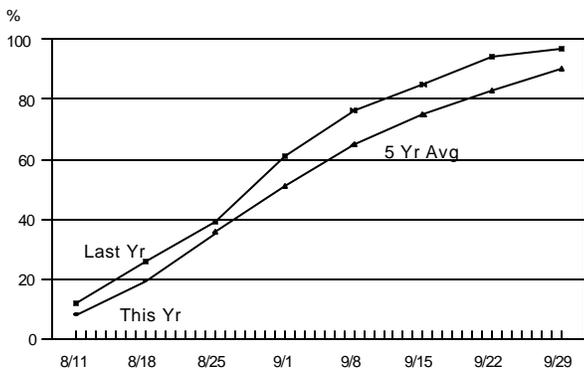
SOYBEANS: The recent rain should help to improve the soybean crop. Crop condition as of August 23 was reported

as 6 percent very poor, 15 percent poor, 35 percent fair, 35 percent good, and 9 percent excellent. Eighty-three percent of the soybean crop had set pods as of Sunday, August 25, compared to 89 percent last year and 73 percent for the 5-year average. Soybean plants turning yellow was at 13 percent, compared with 12 percent a year ago, and an average of 7 percent. One percent of the crop was shedding leaves, with 5 percent in 2001, and 3 percent for the average.

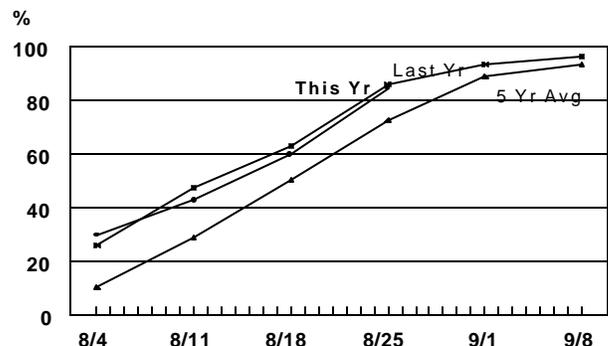
TOBACCO: Some tobacco fields improved with this week's precipitation, while other fields remained too dry. Spraying, topping, cutting, and housing tobacco continued to be the main activities for the week. Condition of the tobacco was reported as 7 percent very poor, 17 percent poor, 29 percent fair, 34 percent good, and 13 percent excellent. Black shank continued to be a problem throughout the State. However, blue mold has made an appearance in some fields. Over one-third of the burley crop has been harvested, with 35 percent cut. One year ago, cutting was at 39 percent, and the average was 36 percent. Harvesting **dark tobacco** reached 24 percent, compared to 37 percent last year, and 38 percent as a 5-year average.

OTHER CROPS: **Hay** and pasture conditions improved where there was rain. In areas where farmers were not so fortunate, everything is dry. Some farmers are feeding hay and hauling water to the cattle. Hay condition was reported as 22 percent very poor, 21 percent poor, 33 percent fair, 21 percent good, and 3 percent excellent. **Pasture** condition was reported as 22 percent very poor, 31 percent poor, 27 percent fair, 18 percent good, and 2 percent excellent.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN PERCENT DENT OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 25, 2002
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Setting Pods	83	89	73	58	85
Turning Yellow	13	12	7	NA	NA
Shedding Leaves	1	5	3	NA	NA
Corn					
Dent Stage	85	86	73	60	28
Mature	35	41	24	NA	NA
Harvested	8	4	3	NA	NA
Burley Tobacco Cut	35	39	36	19	NA
Dark Tobacco Cut	24	37	38	21	NA

SOIL MOISTURE
WEEK ENDING AUGUST 23, 2002
WITH COMPARISONS

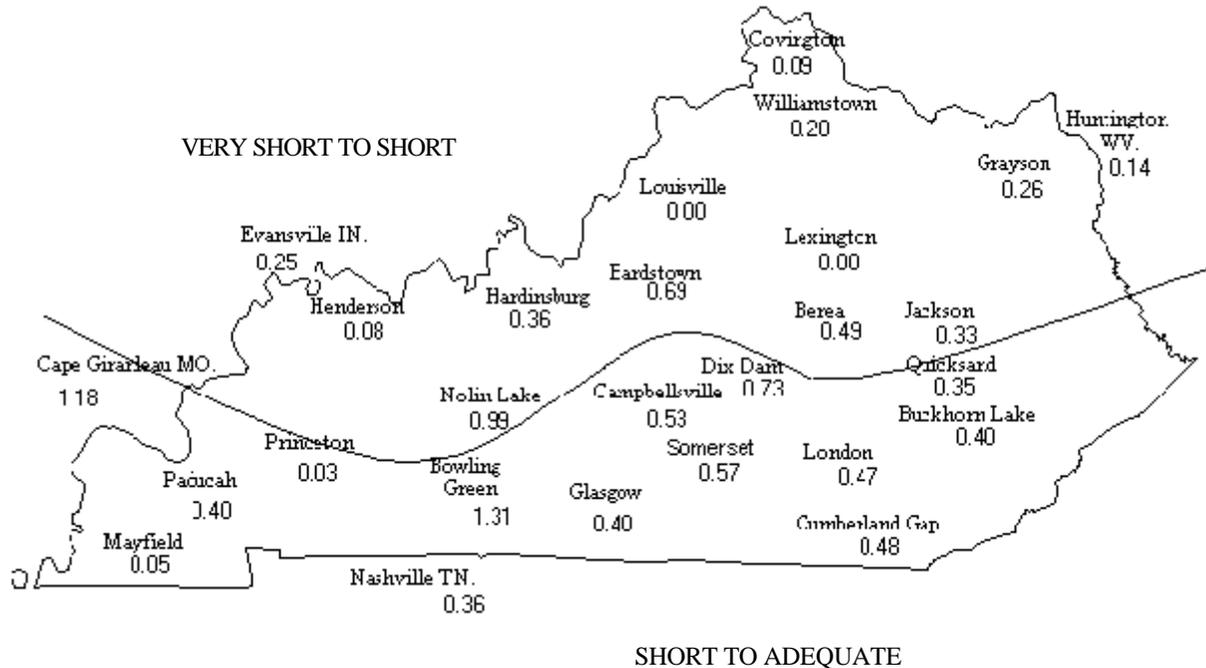
	This Week	Previous Week
TOPSOIL		
Very Short	38	42
Short	32	34
Adequate	29	23
Surplus	1	1
SUBSOIL		
Very Short	36	42
Short	41	36
Adequate	22	21
Surplus	1	1

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 23, 2002					WEEK ENDING AUGUST 16, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	9	22	32	30	7	5	21	34	33	7
Soybeans	6	15	35	35	9	4	14	34	40	8
Pasture	22	31	27	18	2	22	28	31	17	2
Hay Crops	22	21	33	21	3	17	28	29	24	2
Tobacco in Field	7	17	29	34	13	9	17	25	38	11

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 25, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 23, 2002



KENTUCKY WEATHER SUMMARY, AUGUST 19 - 25, 2002:

ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Rainfall was below normal for the past week, but at least two rainfall events provided limited amounts for many parts of the State. Hot temperatures in the 90s along with very high humidity occurred three to five times across the State last week. So far this season, days with temperatures above 90 degrees ranged from 29 (Covington) to 52 (Paducah) which is above the normal by 8 to 12 days.

Temperatures for the period averaged 79 degrees across the State which was 6 degrees above normal and similar to the previous week. High temperatures averaged from 91 in the West to 88 in the East. Departure from normal high temperatures ranged from 4 degrees above normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 71 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 7 degrees above normal in the West to 6 degrees above normal in the East. Extreme highs were in the low to mid 90s, and the extreme lows were near 60 degrees.

Rainfall for the period totaled 0.43 inches statewide which was 0.41 inches below normal. Rainfall totals by climate division, West 0.33 inches, Central 0.63 inches, Bluegrass 0.40 inches and East 0.38 inches, which was 0.46, 0.22, 0.46 and 0.50 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Louisville to a high of 1.31 inches at Bowling Green.

Tom Priddy

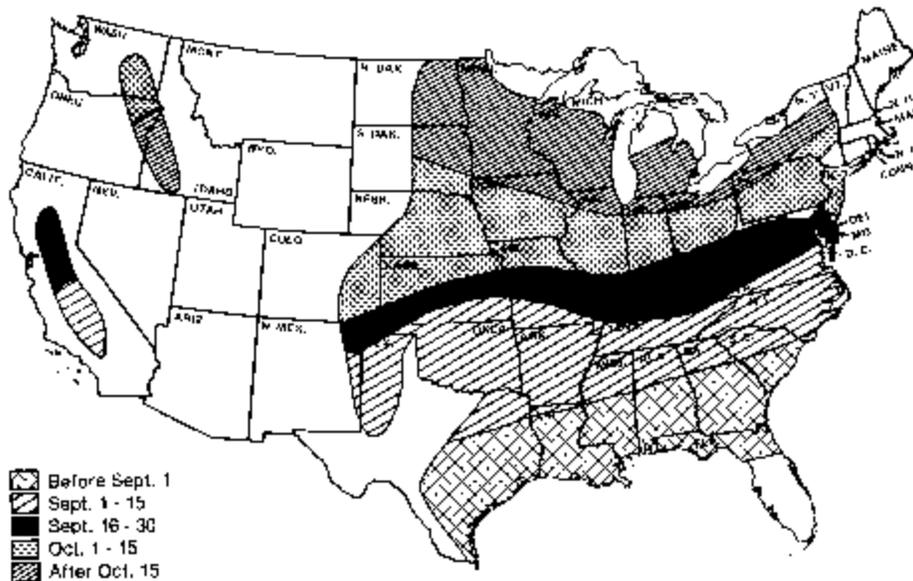
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 25, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days				
	Last Week	Since April 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)				(Degrees Fahrenheit)								
Bardstown	0.69	24.06	2.41	+3.88	-1.24	90	65	77.6	+4	185	3031	+287		
Berea	0.49	27.29	1.52	+6.63	-2.13	94	67	79.6	+7	191	3083	+252		
Bowling Green	1.31	22.64	5.55	+1.64	+2.26	95	72	81.8	+9	206	3125	+264		
Bristol	0.59	12.15	2.26	-5.47	-0.71	94	62	77.8	+5	180	2889	+267		
Buckhorn Lake	0.40	18.59	1.76	-1.20	-1.65	93	61	77.1	+5	177	2899	+418		
Cape Girardeau	1.18	28.18	6.18	+8.74	+3.02	92	68	79.8	+5	196	3187	+178		
Campbellsville	0.53	23.59	2.79	+0.44	-1.42	94	67	79.5	+6	190	3116	+315		
Covington	0.09	20.27	1.89	+1.46	-1.22	94	64	77.6	+5	184	2791	+198		
Cumberland Gap	0.48	14.21	2.46	-7.70	-1.54	94	65	78.5	+6	186	2985	+393		
Dix Dam	0.73	22.50	2.05	+1.76	-1.58	95	65	78.9	+6	188	3019	+250		
Evansville	0.25	20.53	1.07	+1.72	-1.83	95	68	81.1	+6	199	3110	+248		
Glasgow	0.40	23.20	3.51	+0.43	-0.25	95	69	81.3	+8	195	3237	+466		
Grayson	0.26	18.13	2.02	-1.48	-1.47	94	66	77.6	+5	181	2908	+463		
Hardinsburg	0.36	20.09	2.42	-0.70	-1.09	95	67	80.0	+7	195	3071	+210		
Henderson	0.08	26.46	3.12	+7.21	+0.17	94	69	80.4	+5	195	3137	+245		
Huntington	0.14	17.71	1.84	-1.96	-1.81	94	62	77.2	+5	178	2889	+266		
Jackson	0.33	21.41	2.61	+0.53	-1.13	91	65	77.6	+5	184	2924	+443		
Lexington	0.88	16.10	2.43	-4.08	-1.22	94	65	79.1	+7	190	2946	+323		
London	0.47	16.44	1.53	-2.79	-1.60	93	65	78.3	+6	185	2888	+296		
Louisville	0.00	18.68	1.26	-0.99	-2.03	96	67	80.1	+7	194	3038	+151		
Mayfield	0.05	14.16	1.65	-6.85	-1.87	94	67	80.0	+5	193	3037	+115		
Nashville	0.36	17.15	3.00	-2.43	-0.17	94	69	81.9	+9	201	3273	+209		
Nolin Lake	0.99	21.26	4.40	-0.74	+0.89	95	70	81.3	+8	203	3077	+424		
Paducah	0.40	20.78	2.47	-0.10	-0.63	94	68	80.9	+6	198	3227	+249		
Princeton	0.03	20.21	1.56	-0.92	-2.09	97	66	82.5	+7	198	3287	+340		
Quicksand	0.35	20.38	2.05	-0.50	-1.69	93	59	76.7	+4	175	2902	+421		
Somerset	0.57	20.96	1.68	-0.75	-1.95	93	64	78.5	+6	186	2937	+254		
Spindletop	0.00	12.85	0.94	-7.33	-2.71	94	63	78.5	+6	185	2861	+238		
Williamstown	0.20	16.33	0.42	-3.54	-3.03	100	63	79.6	+7	184	2977	+354		

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

CORN FOR GRAIN - USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE U.S.



CORN CONDITION AND PROGRESS FOR WEEK ENDING AUGUST 18, 2002

State	CONDITION PERCENT				
	VP	P	F	G	EX
CO	22	23	35	15	5
IL	10	16	35	34	5
IN	16	22	35	25	2
IA	4	10	25	44	17
KS	23	27	34	15	1
KY	5	21	34	33	7
MI	5	15	32	37	11
MN	2	7	24	51	16
MO	27	28	27	16	2
NE	24	17	29	26	4
NC	22	24	32	20	2
ND	4	10	24	53	9
OH	29	30	28	12	1
PA	34	27	24	14	1
SD	20	22	27	25	6
TN	9	14	33	38	6
TX	9	20	27	36	8
WI	5	13	31	38	13
18 States	13	17	30	32	8
Prev Week	13	18	30	31	8
Prev Year	4	11	31	43	11

State	PERCENT DOUGH			
	Curr	Last Wk	2001	Avg
CO	42	20	32	35
IL	78	60	88	79
IN	56	35	91	79
IA	66	42	54	55
KS	79	71	92	84
KY	83	62	88	77
MI	11	5	36	31
MN	56	29	38	47
MO	88	79	87	88
NE	82	64	82	77
NC	95	92	95	89
ND	87	74	89	89
OH	49	25	69	65
PA	56	38	60	53
SD	63	38	64	59
TN	98	94	99	93
TX	97	89	94	95
WI	45	25	16	43
18 States	67	48	69	67

These 18 States planted 93% of last year's corn acreage.

State	PERCENT DENT			
	Curr	Last Wk	2001	Avg
CO	3	0	4	4
IL	30	16	53	38
IN	16	9	47	31
IA	25	8	20	18
KS	49	38	63	45
KY	60	43	63	51
MI	0	0	8	8
MN	10	1	6	13
MO	60	44	58	60
NE	41	18	38	27
NC	80	68	78	69
ND	8	3	18	22
OH	8	1	20	18
PA	22	8	19	14
SD	22	11	15	16
TN	89	78	88	73
TX	85	72	84	77
WI	7	3	0	7
18 States	28	15	33	27

These 18 States planted 93% of last year's corn acreage.

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

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