



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
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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 13, 2001

KGC 21-01

AGRICULTURAL NEWS: Scattered showers continued to fall across the State, improving crop conditions. The weather remained hot and humid for much of Kentucky. Cutting, spraying, and topping tobacco, and general maintenance were the main farm activities. Out of 6 days, 4.8 days were suitable for fieldwork. **Topsoil moisture** was rated 2 percent very short, 16 percent short, 69 percent adequate, and 13 percent surplus on Friday, August 10. **Subsoil moisture** was rated 7 percent very short, 26 percent short, 57 percent adequate, and 10 percent surplus.

CORN: Crop conditions were maintained with each shower received. The condition of the crop was rated as 1 percent very poor, 4 percent poor, 20 percent fair, 45 percent good, and 30 percent excellent. As of Sunday, August 12, **corn** in the milk stage reached 93 percent compared with 88 percent a year ago, and 83 percent for the five-year average. Eighty-one percent of the corn crop had reached the dough stage compared with 78 percent last year and 61 percent for the five-year average. Fifty-one percent of the corn crop was dented, compared with 50 percent last year and 29 percent for the five-year average.

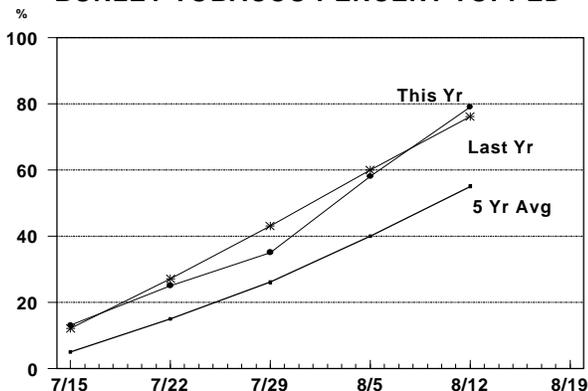
SOYBEANS: Yields look good for the **soybean** crop, though some fields were damaged by the earlier warm, dry conditions. Eighty-eight percent of the soybean crop was blooming as of Sunday, August 12, compared with 77 percent a year ago and 66 percent for the five-year average. Crop condition was rated as 1 percent very poor, 6 percent poor, 19 percent fair, 39 percent good, and 35 percent

excellent. Sixty-five percent of the crop was setting pods as of August 12, compared with 53 percent last year, and the five-year average of 43 percent.

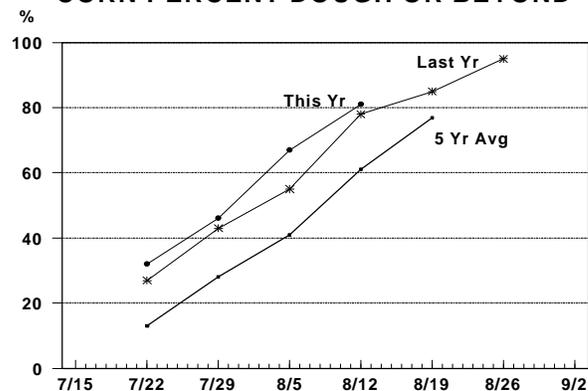
TOBACCO: Tobacco cutting and housing continued this week, as well as spraying and topping. Due to the recent rains, some farmers lost part of their stands to drowning in low areas and increased blue mold activity. The heat caused some scalding, and black shank continued to be reported. Condition of the tobacco in the field was reported as 2 percent very poor, 5 percent poor, 18 percent fair, 54 percent good, and 21 percent excellent. As of Sunday, August 12, seventy-nine percent of the **burley** crop was topped compared with 76 percent last year and the five-year average of 55 percent. Fourteen percent of the burley crop was cut, compared with 11 percent last year, and 7 percent for the five-year average. Ninety-four percent of the **dark tobacco** crop was topped compared with 89 percent last year and the five-year average of 78 percent. Twelve percent of the dark tobacco crop was cut, compared with 9 percent last year, and 7 percent for the five-year average.

OTHER CROPS: The growing conditions for the **hay** crop continued to improve this week. Even though fieldwork was hindered by rain showers, farmers were still able to cut and bale hay. Condition of the hay crop was reported as 4 percent very poor, 10 percent poor, 27 percent fair, 48 percent good, and 11 percent excellent. The recent rains have added growth to **pastures**. Conditions were rated as 3 percent very poor, 9 percent poor, 29 percent fair, 46 percent good, and 13 percent excellent.

BURLEY TOBACCO PERCENT TOPPED



CORN PERCENT DOUGH OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 12, 2001
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Blooming	88	77	66	78	89
Setting Pods	65	53	43	51	57
Corn					
Milk Stage	93	88	83	91	NA
Dough Stage	81	78	61	67	35
Dent Stage	51	50	29	30	9
Burley Tobacco					
Topped	79	76	55	58	NA
Cut	14	11	7	NA	NA
Dark Tobacco					
Topped	94	89	78	89	NA
Cut	12	9	7	NA	NA

(NA) Data Not Available.

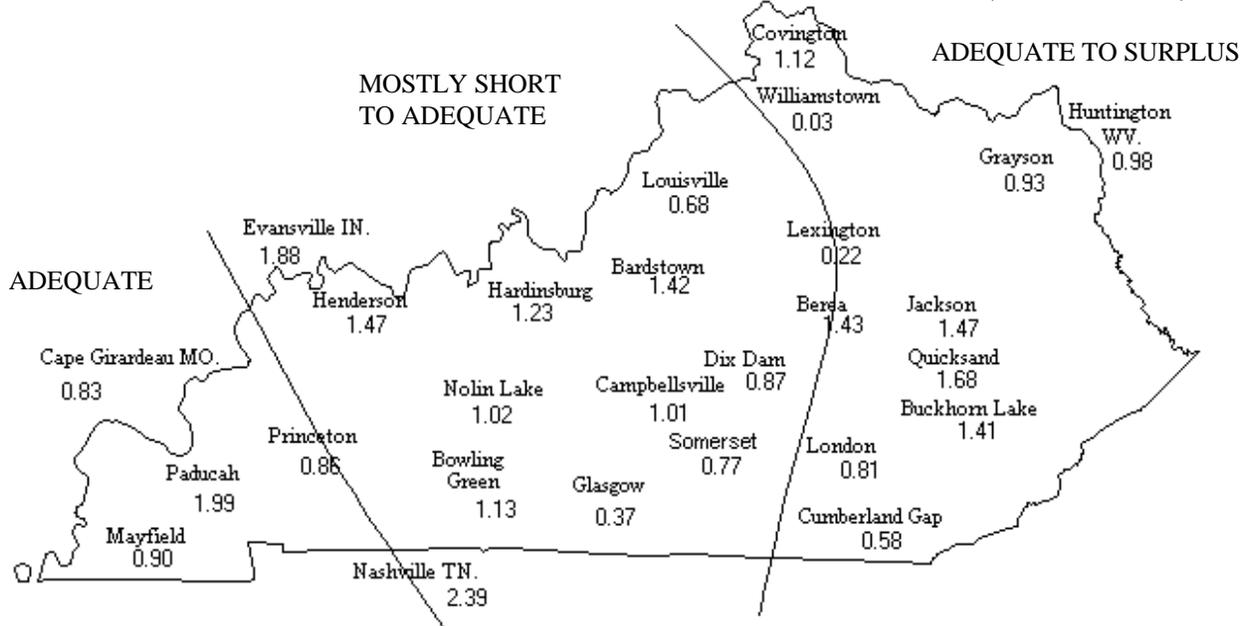
SOIL MOISTURE
WEEK ENDING AUGUST 10, 2001
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	2	1
Short	16	14
Adequate	69	69
Surplus	13	16
SUBSOIL		
Very Short	7	4
Short	26	22
Adequate	57	55
Surplus	10	19

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 10, 2001					WEEK ENDING AUGUST 3, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	4	20	45	30	0	2	17	53	28
Soybeans	1	6	19	39	35	1	3	16	47	33
Pasture	3	9	29	46	13	5	8	21	55	11
Hay Crops	4	10	27	48	11	11	5	25	50	9
Tobacco in Field	2	5	18	54	21	1	4	19	59	17

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 12, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 10, 2001



KENTUCKY WEATHER SUMMARY, AUGUST 6 - 12, 2001:

ABOVE NORMAL TEMPERATURES AND RAINFALL:

Hot and humid conditions persisted throughout the week with highs in the upper 80s to low 90s across most of Kentucky. Heat indices were in the 90s across much of the State with Western Kentucky reaching the 100s for several days. There were a few scattered rain showers starting mid-week due to the remnants of Tropical Storm Barry moving through the area and then more widespread showers and thunderstorms over the weekend due to a fairly strong cold front moving through the State. The cold front helped reduce high temperatures Sunday. Livestock heat stress levels reached the emergency category for several hours throughout the week for Western parts of the State while the rest of the area reached danger levels.

Temperatures for the period averaged 80 degrees across the State which was 5 degrees ABOVE NORMAL. High temperatures averaged from 89 in the West to 88 in the East. Departure from normal high temperatures ranged from 1 degree ABOVE NORMAL in the West to 3 degrees ABOVE NORMAL in the East. Low temperatures averaged from 72 degrees in the West to 70 degrees in the East. Departure from normal low temperature ranged from 7 degrees ABOVE NORMAL in the West to 7 degrees ABOVE NORMAL in the East. Since April 1st Corn Growing Degree Day accumulations range from approximately 2500 in the Northeast to 2800 in the West. Rainfall for the period totaled 1.03 inches statewide which was 0.19 inches ABOVE NORMAL. Precipitation totals by climate division, West 1.32 inches, Central 0.97 inches, Bluegrass 0.74 inches and East 1.08 inches, which was +0.53, +0.13, -0.12 and +0.21 inches respectively from normal. By Kentucky station, precipitation totals ranged from a low of 0.03 inches at Williamstown to a high of 1.99 inches at Paducah.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 12, 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	1.42	19.28	7.23	+0.75	+3.13	89	68	79.1	+4	197	2652	+207
Berea	1.43	19.20	7.68	+0.22	+3.85	90	64	79.4	+5	198	2558	+39
Bowling Green	1.13	17.13	5.53	-2.40	+1.72	91	69	80.6	+6	203	2821	+272
Bristol	0.88	21.11	7.92	+4.82	+4.46	90	65	78.2	+4	187	2467	+144
Buckhorn Lake	1.41	22.54	5.51	+4.28	+1.60	90	68	78.9	+5	193	2563	+355
Cape Girardeau	0.83	20.30	10.35	+2.32	+7.17	93	68	80.6	+4	200	2865	+181
Campbellsville	1.01	18.37	5.90	-2.86	+1.36	91	69	80.1	+5	198	2688	+199
Covington	1.12	21.14	7.94	+3.73	+4.45	91	69	79.1	+5	194	2483	+189
Cumberland Gap	0.58	16.26	4.77	-3.84	+0.37	93	67	79.6	+5	192	2619	+326
Dix Dam	0.87	18.60	7.03	-0.50	+2.96	90	68	79.4	+5	198	2606	+149
Evansville	1.88	17.68	4.47	+0.18	+1.18	92	68	80.7	+4	202	2822	+272
Glasgow	0.37	17.19	5.02	-3.89	+0.72	92	70	80.4	+5	198	2788	+329
Grayson	0.93	20.74	5.71	+2.70	+1.75	91	70	79.4	+5	197	2541	+382
Hardinsburg	1.23	15.58	4.71	-3.62	+0.78	92	69	80.4	+5	200	2776	+227
Henderson	1.47	17.15	8.09	-0.77	+4.75	92	68	80.1	+3	199	2790	+210
Huntington	0.98	20.03	5.61	+2.01	+1.54	91	69	79.4	+5	195	2524	+200
Jackson	1.47	18.31	5.75	-0.89	+1.49	89	67	78.5	+4	193	2525	+317
Lexington	0.22	17.20	6.09	-1.33	+1.99	90	70	79.4	+5	198	2628	+304
London	0.81	21.05	6.11	+3.21	+2.37	90	69	78.6	+4	194	2503	+210
Louisville	0.68	14.21	3.08	-3.98	-0.62	93	70	80.5	+5	202	2743	+181
Mayfield	0.90	13.94	7.24	-5.46	+3.44	90	70	79.6	+3	198	2679	+69
Nashville	2.39	18.37	4.89	+0.24	+1.50	91	72	80.5	+5	203	2931	+205
Nolin Lake	1.02	19.10	4.87	-1.33	+0.81	91	69	80.6	+6	203	2795	+441
Paducah	1.99	17.67	9.16	-1.81	+5.70	91	70	80.6	+4	203	2893	+240
Princeton	0.86	16.17	6.31	-3.28	+2.54	93	71	81.7	+5	205	2957	+335
Quicksand	1.68	24.18	5.76	+4.98	+1.50	90	67	78.9	+5	194	2557	+349
Somerset	0.77	19.61	6.69	-0.46	+2.65	91	69	79.6	+5	197	2585	+201
Spindletop	0.77	16.01	6.41	-2.52	+2.31	92	69	79.2	+5	194	2522	+198
Williamstown	0.03	21.27	5.89	+2.97	+2.11	92	63	79.8	+5	196	2595	+271

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/>

CROP PROGRESS PERCENT FOR WEEK ENDING AUGUST 5, 2001

SOYBEANS SETTING PODS

State	Curr	Last Wk	2000	Avg
AR	64	50	40	33
IL	71	55	79	54
IN	70	50	67	45
IA	54	33	88	69
KS	70	42	67	49
KY	51	42	48	34
LA	91	79	81	75
MI	62	43	36	41
MN	37	13	66	53
MS	92	87	89	76
MO	41	28	61	39
NE	50	24	66	50
NC	22	17	18	22
ND	84	71	76	72
OH	65	38	56	47
SD	50	24	59	49
TN	54	40	36	32
WI	15	10	50	40
18 States	57	38	67	51

These 18 States planted 95% of last year's soybean acreage.

CORN SILKING

State	Curr	Last Wk	2000	Avg
CO	71	60	83	80
IL	99	95	99	93
IN	100	99	99	85
IA	89	72	98	93
KS	100	97	99	99
KY	98	92	95	89
MI	80	64	72	70
MN	93	72	98	95
MO	97	93	100	96
NE	95	84	94	94
NC	100	98	99	96
ND	92	69	95	88
OH	93	81	94	80
PA	73	61	78	75
SD	78	46	83	73
TN	100	100	100	97
TX	98	94	98	97
WI	66	44	85	78
18 States	91	79	95	89

These 18 States planted 92% of last year's corn acreage.

CORN DOUGH

State	Curr	Last Wk	2000	Avg
CO	9	4	14	12
IL	56	38	62	32
IN	51	26	56	27
IA	13	2	28	10
KS	72	41	65	47
KY	67	46	55	43
MI	0	0	3	5
MN	1	0	10	5
MO	69	56	77	53
NE	39	17	36	19
NC	83	75	84	78
ND	58	20	42	39
OH	29	15	33	22
PA	32	29	33	23
SD	23	5	26	15
TN	81	70	78	78
TX	82	73	83	83
WI	3	2	11	18
18 States	35	21	40	28

These 18 States planted 92% of last year's corn acreage.

CROP CONDITION PERCENT FOR WEEK ENDING AUGUST 5, 2001

SOYBEANS

State	VP	P	F	G	EX
AR	4	11	35	40	10
IL	1	6	32	46	15
IN	1	6	20	56	17
IA	3	12	30	45	10
KS	3	10	34	45	8
KY	1	3	16	47	33
LA	2	9	46	38	5
MI	12	19	39	25	5
MN	3	8	34	49	6
MS	0	6	24	56	14
MO	5	15	36	40	4
NE	3	11	35	42	9
NC	0	2	16	74	8
ND	2	5	18	50	25
OH	3	9	37	41	10
SD	1	4	25	47	23
TN	0	5	22	55	18
WI	4	12	37	41	6
18 States	3	9	31	45	12
Prev Week	2	8	30	48	12
Prev Year	3	8	24	46	19

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

CORN

State	VP	P	F	G	EX
CO	0	3	14	58	25
IL	1	6	26	48	19
IN	1	4	16	56	23
IA	2	11	29	47	11
KS	6	11	33	41	9
KY	0	2	17	53	28
MI	13	19	32	32	4
MN	5	13	39	38	5
MO	3	10	30	45	12
NE	3	7	24	48	18
NC	1	2	14	59	24
ND	0	4	19	53	24
OH	4	11	34	40	11
PA	7	15	34	40	4
SD	1	3	18	51	27
TN	0	4	15	50	31
TX	2	14	45	38	1
WI	5	14	39	32	10
18 States	3	9	28	45	15
Prev Week	2	8	26	49	15
Prev Year	3	6	19	47	25

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

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