

AGRICULTURAL NEWS: Below normal temperatures and rainfall made for pleasant outdoor weather this past week. Precipitation amounts were below normal across the State. Primary farming activities included setting tobacco, harvesting barley, completing corn planting and planting soybeans as well as harvesting hay. Many producers were concerned about the lack of rain. **Topsoil moisture**, as of Friday, May 28 was rated 21 percent very short, 29 percent short, 48 percent adequate, and 2 percent surplus. **Subsoil moisture**, was rated 19 percent very short, 24 percent short, 55 percent adequate, and 2 percent surplus. **Days suitable for fieldwork** averaged 5.6 out of a possible 6 days.

TOBACCO: As of Sunday, May 31, 70 percent of the intended **burley** acreage had been set. This compares with 36 percent in 1998, and 37 percent for the 5 year average. About 77 percent of the **dark tobacco** acreage had been set as of Sunday compared to 40 percent last year and 46 percent for the 5 year average. Setting transplants was the main tobacco activity for the week. Numerous producers were concerned about the need to reset because of the dry conditions, while some areas of the State had already reported resetting small acres as of Friday. Tobacco sets are plentiful with reports of excess transplants available for sale. No other major disease problems were reported at this time. Condition of all set tobacco as of Friday was 1 percent very poor, 7 percent poor, 23 percent fair, 50 percent good, and 19 percent excellent.

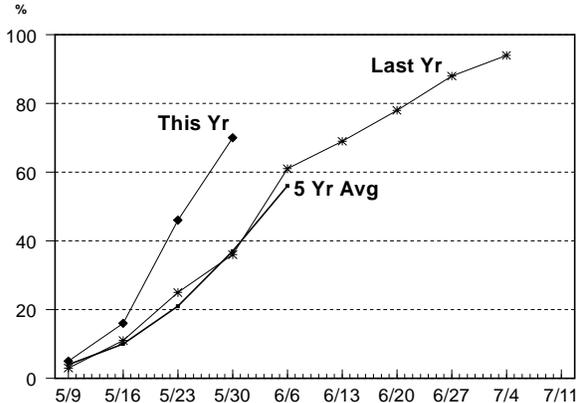
CORN: Corn planting was entering its final stages with 98 percent of acreage planted as of Sunday, May 30. This

compares to 86 percent last year and 87 percent for the 5 year average. About 92 percent of the intended corn acreage has emerged. This compares to 65 percent last year and 78 percent for the 5 year average. As of Friday, May 28, the emerged corn was rated, 2 percent poor, 14 percent fair, 55 percent good, and 29 percent excellent. Few disease problems were reported, all though army worms were mentioned as an insect problem from several producers. Average height of emerged corn was 12 inches while height in the most advanced fields averaged 24 inches.

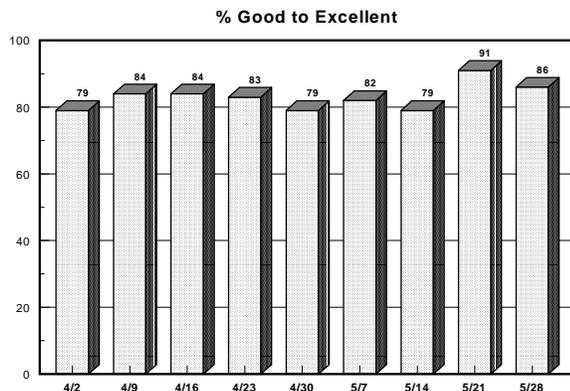
SOYBEANS: With corn planting winding down the focus turned to soybean planting in the western part of the State. Eastern areas of the State have reported germination problems due to the dry conditions. As of Sunday, May 30, 65 percent of the intended acreage had been planted. This compares to 34 percent last year and 29 percent for the 5 year average. Of the intended acreage 47 percent of the soybeans were emerged. As of Friday, the condition of the emerged soybeans was 12 percent fair, 57 percent good, and 31 percent excellent.

SMALL GRAINS & LEGUMES: As of Friday, May 28, **winter wheat** condition was rated 2 percent poor, 12 percent fair, 54 percent good, and 32 percent excellent. **Pasture** condition was rated 1 percent very poor, 15 percent poor, 24 percent fair, 46 percent good, and 14 percent excellent. **Hay** was rated 1 percent very poor, 8 percent poor, 26 percent fair, 46 percent good, and 19 percent excellent. As of May 28, 22 percent of the **barley** crop had been harvested. **Sorghum** has been advanced to 74 percent of the crop in the ground.

BURLEY TOBACCO SET PROGRESS



WHEAT CONDITION



KENTUCKY CROP PROGRESS
WEEK ENDING MAY 30, 1999
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	98	86	87	96	87
Emerged	92	65	78	87	60
Soybeans					
Planted	65	34	29	44	44
Emerged	47	7	4	26	18
Burley Tobacco Set	70	36	37	46	NA
Dark Tobacco Set	77	40	46	53	NA

(NA) Data Not Available

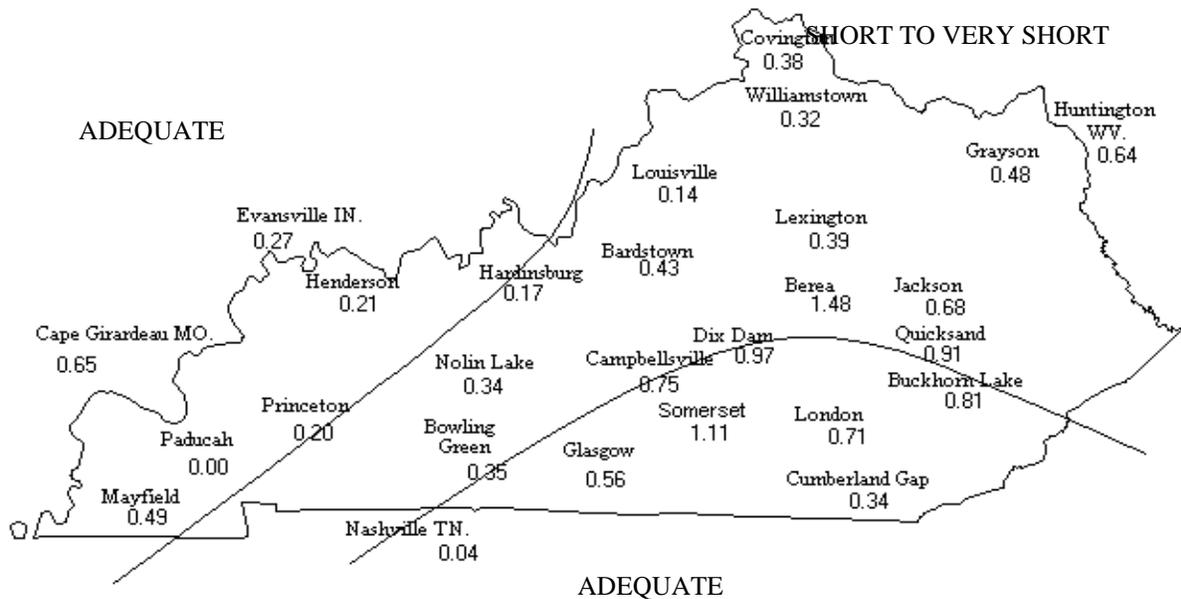
SOIL MOISTURE
WEEK ENDING MAY 28, 1999
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	21	11
Short	29	37
Adequate	48	47
Surplus	2	5
SUBSOIL		
Very Short	19	10
Short	24	30
Adequate	55	56
Surplus	2	4

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 28, 1999					WEEK ENDING MAY 21, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	0	2	14	55	29	0	1	17	56	26
Wheat	0	2	12	54	32	0	0	9	58	33
Soybeans Emerged	0	0	12	57	31	-	-	-	-	-
Pasture	1	15	24	46	14	2	7	22	50	19
Hay Crops	1	8	26	46	19	0	8	21	48	23
Tobacco Set	1	7	23	50	19	2	4	29	45	20

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 30, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 28, 1999



KENTUCKY WEATHER SUMMARY, MAY 24 - 30, 1999:

BELOW NORMAL Temperatures and Rainfall:

Temperatures for the period averaged 64 degrees across the state which was -5 degrees from normal. High temperatures averaged from 78 in the West to 76 in the East. Departure from normal high temperatures ranged from -5 degrees from normal in the West to -2 degrees from normal in the East. Low temperatures averaged from 51 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from -8 degrees from normal in the West to -8 degrees from normal in the East.

Precipitation (liq. equ.) for the period totaled 0.48 inches statewide which was -0.58 inches from normal. Precipitation totals by climate division, West 0.30 inches, Central 0.33 inches, Bluegrass 0.59 inches and East 0.71 inches, which was -0.80, -0.78, -0.43 and -0.30 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at Paducah to a high of 1.48 inches at Berea.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

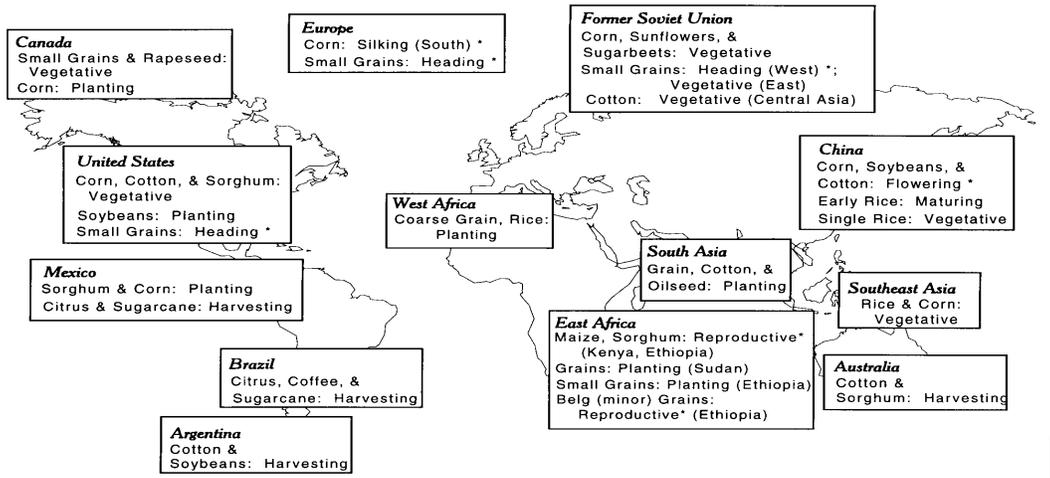
FOR WEEK ENDING SUNDAY, MAY 30, 7:00 P.M.

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	Dev. Last Since Week Apr. 1	Since Apr. 1	
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.43	6.46	2.56	-1.75	-1.48	83	47	63.5	-6	98	799	+49
Berea	1.48	6.61	4.38	-2.30	+0.04	84	43	63.9	-5	101	847	+67
Bowling Green	0.35	4.97	3.19	-4.13	-1.27	86	47	66.4	-3	114	882	+102
Bristol	0.27	4.87	2.40	-2.20	-1.12	85	41	63.6	-5	103	753	+63
Buckhorn Lake	0.81	6.38	2.81	-1.35	-0.90	83	41	62.5	-6	96	810	+120
Cape Girardeau	0.65	7.84	2.59	-1.61	-2.10	83	49	65.2	-6	107	829	+19
Campbellsville	0.75	7.43	3.67	-2.33	-1.02	84	46	64.5	-5	102	868	+88
Covington	0.38	4.94	1.96	-2.95	-1.91	85	38	60.2	-8	89	672	+12
Cumberland Gap	0.34	5.77	3.03	-2.96	-1.31	84	44	64.6	-4	106	793	+103
Dix Dam	0.97	5.78	3.12	-3.03	-1.16	84	46	63.7	-5	100	803	+53
Evansville	0.27	7.92	2.27	-0.70	-2.02	84	46	63.6	-8	98	762	+12
Glasgow	0.56	6.22	3.92	-3.23	-0.65	85	46	65.6	-4	112	950	+230
Grayson	0.48	6.02	2.62	-1.73	-1.23	84	44	63.9	-5	101	814	+184
Hardinsburg	0.17	8.20	3.80	-0.82	-0.60	85	43	63.8	-6	107	807	+27
Henderson	0.21	8.05	2.69	-0.61	-1.42	84	47	65.0	-6	107	839	+59
Huntington	0.64	4.40	1.91	-3.32	-1.94	87	44	63.6	-5	95	780	+90
Jackson	0.68	5.97	2.48	-2.47	-1.57	83	48	63.2	-5	92	806	+116
Lexington	0.39	3.57	1.30	-4.64	-2.74	86	46	63.4	-5	98	756	+96
London	0.71	6.70	2.95	-1.34	-0.90	83	43	63.6	-5	99	798	+108
Louisville	0.14	7.53	3.01	-1.17	-1.16	85	47	64.8	-5	105	798	+48
Mayfield	0.49	7.90	3.14	-2.00	-1.39	84	46	64.4	-7	103	854	+14
Nashville	0.04	6.94	4.65	-2.15	+0.24	86	51	67.9	-2	123	955	+115
Nolin Lake	0.34	6.09	3.24	-3.74	-1.71	86	47	65.4	-4	109	853	+103
Paducah	0.00	9.56	3.16	-0.23	-1.30	85	47	64.9	-7	104	851	+41
Princeton	0.20	9.21	3.36	-0.39	-1.12	87	48	66.2	-5	115	946	+136
Quicksand	0.91	6.01	2.95	-2.43	-1.10	83	41	62.1	-6	96	818	+128
Somerset	1.11	10.75	4.72	+1.49	+0.14	84	44	64.0	-4	102	817	+67
Spindletop	0.01	3.22	1.35	-4.99	-2.69	85	45	63.4	-5	99	722	+62
Williamstown	0.32	3.22	1.19	-5.20	-2.79	84	41	63.7	-5	104	779	+119

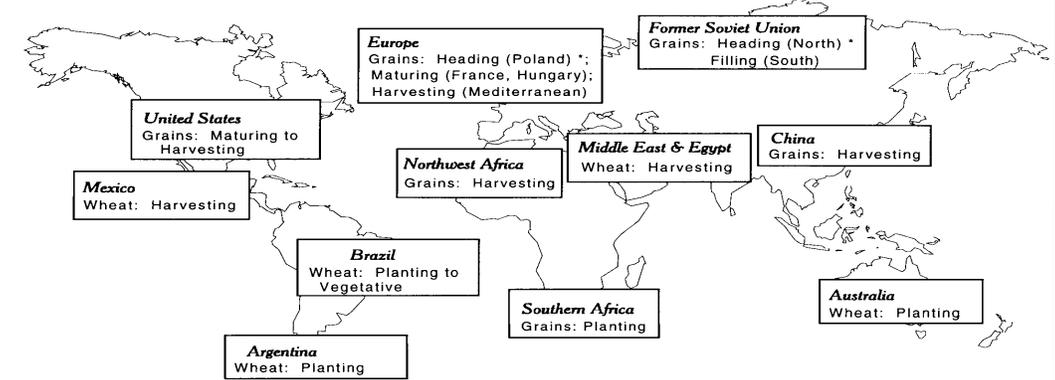
The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

June normal crop calendar

Summer crops



Winter crops



* Moisture / Temperature Sensitive Stage of Development