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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

CROP PROGRESS SLOWED BY CONDITIONS

Rain and cool temperatures last week continues to delay crop development across the state, according to the Minnesota Agricultural Statistics Service. Some producers are replanting crops while others have standing water in their fields preventing them from spraying herbicides.

The average temperature for the week was 65.4 degrees, 1.1 degrees above normal. Statewide topsoil moisture supplies as of June 11th were rated 1% very short, 1% short, 58% adequate, and 40% surplus.

Corn height was 8 inches, compared with 9 inches for last year and the five year average. Soybeans were 3 inches, which is the same as last year and the five year average.

Corn condition rating of good to excellent was 61% this week compared to 60% last week. Soybean condition was rated 55% good to excellent compared to 51% last week.

Spring wheat was 33% jointed compared with 50% last year and 37% for the five year average. Barley jointed was at 32% compared to 55% last year and 39% for the five year average. Oats were 58% jointed compared to the five year average of 49%.

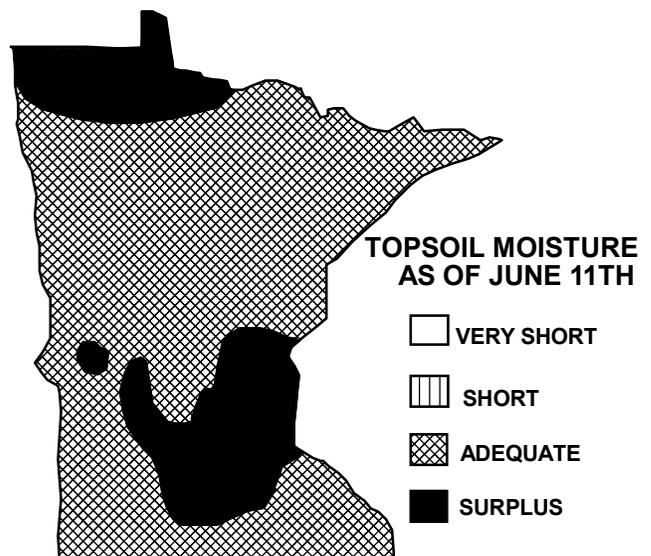
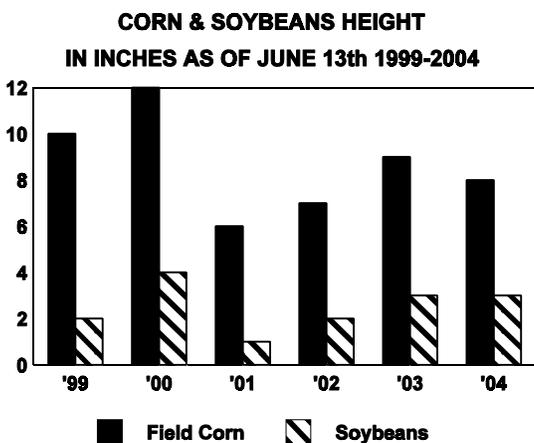
Dry beans were 92% planted compared to the five year average of 94%. Sunflowers were 80% planted compared to 99% last year and 93% for the five year average.

The first cutting of alfalfa was 37% complete, which was far below the five year average of 60%.

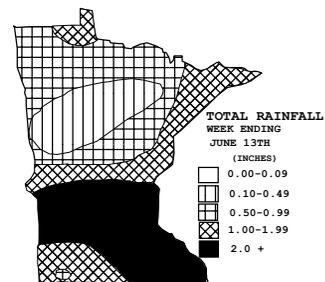
Days Suitable for Fieldwork : 2.4				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	1	1	58	40

Crop Progress as of June 13, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		Percent			
Corn	Height - Inches	8	5	9	9
Soybeans	Emerged	91	72	89	86
Spring Wheat	Height - Inches	3	2	3	3
	Jointed	33	19	50	37
Oats	Heading	1	NA	1	3
	Jointed	58	25	59	49
Barley	Heading	4	3	6	6
	Jointed	32	16	55	39
Alfalfa Hay	First Cutting	2	1	4	4
Canola	Planted	37	14	63	60
Dry Beans	Planted	90	84	99	96
Sweet Corn	Planted	92	80	98	94
Sunflowers	Planted	78	71	81	85
		80	74	99	93

Crop Condition as of June 11 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	3	7	29	51	10
Spring Wheat	5	6	33	44	12
Barley	13	8	43	29	7
Corn	1	5	33	53	8
Alfalfa	2	7	34	48	9
Oats	5	7	26	53	9
Soybeans	1	6	38	48	7



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JUNE 13, 2004:
 Temperatures averaged from 1.2 degrees below normal in the North-west District to 4.1 degrees above normal in the East Central District. Extremes: 97° in Lamberton, Redwood Falls; 39° in Hibbing, Isabella. Precipitation averaged from 0.70 inch below normal in the North Central District to 3.97 inches above normal in the Southeast District. Greatest weekly total was 7.96 inches.



Precipitation and Temperature Summary for 6/7/2004 through 6/13/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	80	47	62.2	-2.1	.57	-.25	2.42	4.11	352	-149
Moorhead	86	51	66.0	1.1	.16	-.67	1.93	1.37	432	-93
Warroad	79	45	59.0	-2.8	1.54	.67	1.78	6.69	279	-129
<u>NC DIST 2</u>										
Grand Rapids	88	44	63.4	1.6	.26	-.79	.21	-.76	370	-57
Intl. Falls	82	43	60.2	-.3	.51	-.42	.68	1.33	278	-122
Itasca	83	45	61.8	1.2	.11	-.89	-1.09	-1.63	338	-49
<u>NE DIST 3</u>										
Duluth	78	44	57.8	-.8	1.05	.07	.70	-.47	246	-94
Grand Marais	62	42	50.9	-1.1	1.14	.35	2.32	1.86	115	-82
Hibbing	86	39	61.0	1.1	.42	-.55	.97	.04	300	-78
Isabella	82	39	57.4	-3.3	1.11	.17	1.76	1.18	204	-201
<u>WC DIST 4</u>										
Alexandria	88	50	64.0	.1	1.49	.44	1.73	1.80	371	-120
Browns Valley	87	50	64.6	-1.2	1.33	.58	2.24	2.56	456	-98
Canby	93	54	67.6	.3	3.02	2.06	4.50	2.93	514	-69
Fergus Falls	84	52	65.6	1.3	.10	-.78	2.74	2.07	423	-80
Montevideo	93	54	66.8	.8	1.61	.60	4.41	3.70	484	-53
Morris	88	52	65.5	-.3	2.83	1.92	3.54	3.16	427	-121
<u>CENT DIST 5</u>										
Becker	94	52	66.0	1.9	2.71	1.65	7.40	6.95	406	-93
Hutchinson	95	54	67.0	.2	2.98	1.92	6.37	4.20	504	-71
Olivia	96	54	65.9	-.8	2.76	1.70	6.76	4.48	495	-78
St. Cloud	96	50	66.0	2.1	2.21	1.12	4.01	3.57	455	-39
Staples	81	49	63.0	.8	.51	-.49	.43	-.39	357	-96
Willmar	90	53	65.8	-.4	3.63	2.39	6.83	5.33	462	-92
<u>EC DIST 6</u>										
Aitkin	87	42	63.1	1.9	.86	-.12	-.16	-.56	336	-75
MSP Airport	95	56	68.8	1.6	2.12	1.10	3.58	3.56	506	-83
St. Paul - UofM	94	61	76.8	8.6	2.38	1.21	4.29	3.53	597	-30
<u>SW DIST 7</u>										
Lamberton	97	56	68.4	.8	1.84	.93	5.48	2.40	521	-71
Pipestone	93	51	67.2	1.3	1.10	.17	3.41	1.56	488	-56
Redwood Falls	97	56	68.0	-.5	3.73	2.77	8.49	7.19	520	-110
Worthington	94	56	68.6	2.8	.65	-.45	1.24	.13	511	-20
<u>SC DIST 8</u>										
Faribault	94	56	69.5	3.2	4.18	3.20	7.22	6.50	534	-15
Mankato	94	57	69.5	2.5	7.27	5.94	7.49	5.51	525	-49
Waseca	96	57	70.6	3.8	5.32	4.35	5.57	4.17	558	-11
Winnebago	89	55	66.8	-.4	1.52	.43	4.62	2.61	531	-49
<u>SE DIST 9</u>										
Preston	89	55	69.6	4.4	7.96	6.90	9.05	9.26	527	20
Red Wing	93	55	68.6	2.2	4.13	3.20	4.84	4.80	511	-51
Rochester	92	55	69.3	4.3	5.68	4.77	6.58	6.54	527	17
Rosemount	94	55	68.8	2.9	2.23	1.16	4.01	3.57	499	-35
Winona	92	55	70.0	1.7	5.00	4.11	7.03	7.59	555	-68

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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