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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 REMAINS BEHIND NORMAL

Crop progress remains behind normal due to cool temperatures this past week, according to the Minnesota Agricultural Statistics Service. Some producers are still finding it difficult to get into fields to bale hay because of standing water. Warm, dry conditions are needed for crops to catch up.

The average temperature for the week was 61.1 degrees, 4.9 degrees below normal. Statewide topsoil moisture supplies as of June 18th were rated 2% very short, 4% short, 69% adequate, and 25% surplus.

Corn height was 13 inches, compared with 15 inches for last year and 14 inches for the five year average. Soybeans were 4 inches, compared to 5 inches for last year and the five year average.

Corn condition rating of good to excellent was 54% this week compared to 61% last week. Soybean condition was rated 51% good to excellent compared to 55% last week.

Spring wheat was 60% jointed compared with 81% last year and 61% for the five year average. Barley jointed was at 48% compared to 82% last year and 61% for the five year average. Oats were 72% jointed compared to the five year average of 75%.

Sunflowers were 86% planted compared to 99% for last year and the five year average.

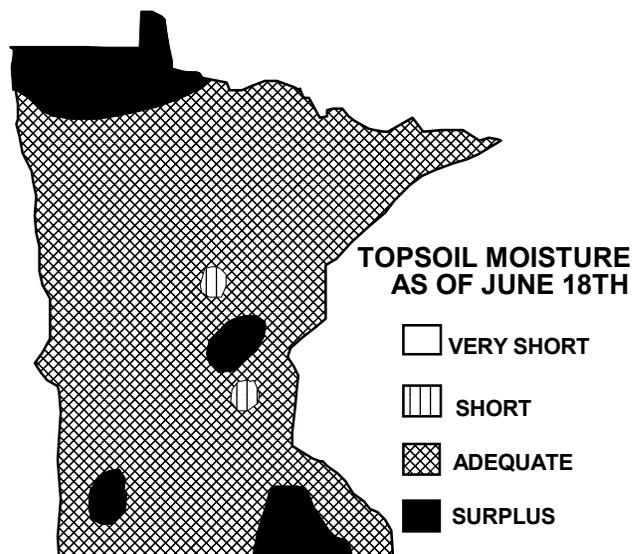
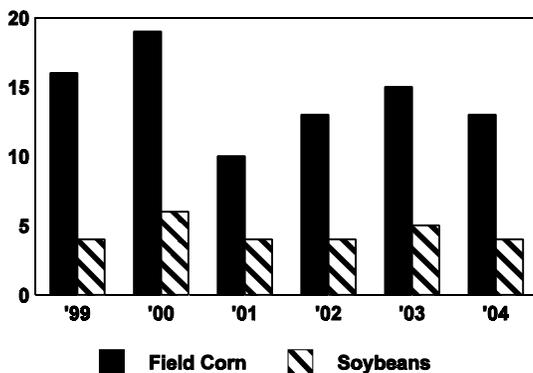
The first cutting of alfalfa was 61% complete, which was far below the five year average of 76%.

Days Suitable for Fieldwork : 4.0				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	2	4	69	25

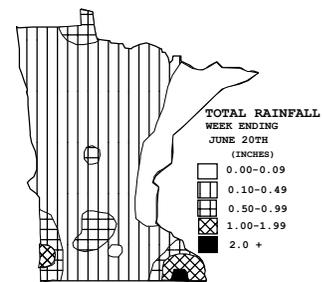
Crop Progress as of June 20, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Height - Inches	13	8	15	14
Soybeans	Emerged	96	91	98	95
	Height - Inches	4	3	5	5
Spring Wheat	Jointed	60	33	81	61
	Heading	11	1	28	18
Oats	Jointed	72	58	85	75
	Heading	17	4	33	25
Barley	Jointed	48	32	82	61
	Heading	6	2	31	18
Alfalfa Hay	First Cutting	61	37	80	76
Canola	Planted	95	90	99	99
Dry Beans	Planted	99	92	99	98
Sweet Corn	Planted	84	78	90	90
Sunflowers	Planted	86	80	99	99

Crop Condition as of June 18 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	3	6	29	51	11
Spring Wheat	7	8	38	37	10
Barley	8	13	45	28	6
Corn	2	7	37	46	8
Alfalfa	2	11	33	44	10
Oats	3	9	27	50	11
Soybeans	2	9	38	45	6

**CORN & SOYBEANS HEIGHT
IN INCHES AS OF JUNE 20th 1999-2004**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JUNE 20, 2004:
 Temperatures averaged from 7.2 degrees below normal in the North-west District to 2.8 degrees below normal in the Southeast District. Extremes: 85° in Lamberton, Redwood Falls, Worthington, Preston, Canby; 29° in Hibbing. Precipitation averaged from 0.98 inch below normal in the East Central District to 0.44 inch above normal in the Southwest District. Greatest weekly total was 2.13 inches.



Precipitation and Temperature Summary for 6/14/2004 through 6/20/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	79	42	58.4	-7.4	.25	-.60	1.44	3.51	422	-193
Moorhead	79	41	59.6	-6.8	.40	-.44	1.86	.92	511	-132
Warroad	76	40	56.0	-7.4	.74	-.17	1.46	6.51	340	-168
<u>NC DIST 2</u>										
Grand Rapids	76	35	58.6	-4.7	.11	-1.00	-.98	-1.76	451	-75
Intl. Falls	75	34	56.2	-5.8	.12	-.85	.02	.48	343	-149
Itasca	80	37	57.4	-4.8	.41	-.63	-1.89	-2.26	410	-70
<u>NE DIST 3</u>										
Duluth	72	39	57.0	-3.2	.03	-1.00	-.45	-1.47	313	-108
Grand Marais	70	40	51.8	-1.7	.01	-.80	1.31	1.05	153	-93
Hibbing	73	29	54.0	-7.5	.11	-.94	.05	-.90	369	-97
Isabella	75	30	54.6	-7.5	0	-.97	.18	.21	260	-237
<u>WC DIST 4</u>										
Alexandria	74	42	60.0	-5.5	.13	-.94	1.27	.86	450	-153
Browns Valley	78	39	60.2	-7.3	.45	-.34	2.44	2.21	540	-138
Canby	85	43	63.6	-5.4	.88	-.11	3.71	2.82	616	-101
Fergus Falls	75	42	59.6	-6.2	.22	-.69	1.83	1.39	504	-113
Montevideo	80	43	62.4	-5.3	.34	-.68	2.91	3.02	578	-85
Morris	78	43	61.6	-5.8	.18	-.77	2.77	2.39	516	-155
<u>CENT DIST 5</u>										
Becker	80	41	63.7	-1.9	.14	-.94	3.92	6.01	508	-104
Hutchinson	81	44	64.2	-4.2	.68	-.41	5.10	3.79	608	-96
Olivia	83	44	63.8	-4.5	.64	-.45	5.11	4.03	598	-104
St. Cloud	81	42	62.4	-3.1	.43	-.68	1.77	2.89	547	-59
Staples	75	40	59.5	-4.2	.51	-.52	-.65	-.91	433	-122
Willmar	80	44	63.6	-4.2	.26	-1.01	4.51	4.32	562	-118
<u>EC DIST 6</u>										
Aitkin	80	37	58.9	-3.9	.28	-.76	-1.03	-1.32	417	-89
MSP Airport	82	47	64.9	-4.0	0	-1.05	1.22	2.51	613	-109
St. Paul - UofM	82	43	65.4	-4.5	.06	-1.14	.93	2.39	710	-56
<u>SW DIST 7</u>										
Lamberton	85	44	63.4	-5.9	.80	-.12	3.20	2.28	619	-108
Pipestone	84	39	61.4	-6.2	1.90	.96	3.14	2.52	576	-93
Redwood Falls	85	44	63.5	-6.6	.22	-.77	7.48	6.42	619	-152
Worthington	85	42	63.4	-4.2	.42	-.70	-.92	-.57	610	-45
<u>SC DIST 8</u>										
Faribault	81	42	63.4	-4.7	.12	-.87	3.85	5.63	633	-44
Mankato	82	43	63.8	-4.9	.08	-1.30	4.49	4.21	628	-78
Waseca	82	45	65.0	-3.4	.15	-.83	3.52	3.34	668	-31
Winnebago	83	44	65.2	-3.7	.28	-.81	2.31	1.79	643	-70
<u>SE DIST 9</u>										
Preston	85	48	64.6	-2.4	2.13	1.04	7.86	10.30	631	4
Red Wing	82	50	66.7	-1.4	.11	-.84	3.00	3.96	629	-61
Rochester	80	44	63.2	-3.4	1.85	.91	5.41	7.44	624	-5
Rosemount	81	54	66.2	-1.4	.01	-1.08	2.28	3.25	615	-44
Winona	84	46	65.8	-4.3	.86	-.05	5.44	7.54	671	-92

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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