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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 COOL, WET WEATHER**

Cool and wet weather across the state throughout the majority of this past week has continued to slow fieldwork and development of crops, according to the Minnesota Agricultural Statistics Service. Producers in the Northwest and Central region of the state are fearful that some soybean fields may have to be replanted. Standing water in fields is abundant throughout Minnesota. Warm sunny conditions are needed to aid crop progress.

The average temperature for the week was 53.5 degrees, 6.9 degrees below normal. Statewide topsoil moisture supplies as of May 28th were rated 3% short, 71% adequate, and 26% surplus.

An estimated 91% of corn acreage was emerged compared with 85% for last year and 81% for the five year average. Soybeans were 48% emerged, versus 39% a year ago and 42% for the five year average.

Spring wheat was 91% emerged compared with 90% last year and 79% for the five year average. Barley emerged was at 91% compared to 92% last year and 75% for the five year average. Oats were 92% emerged compared to the five year average of 87%.

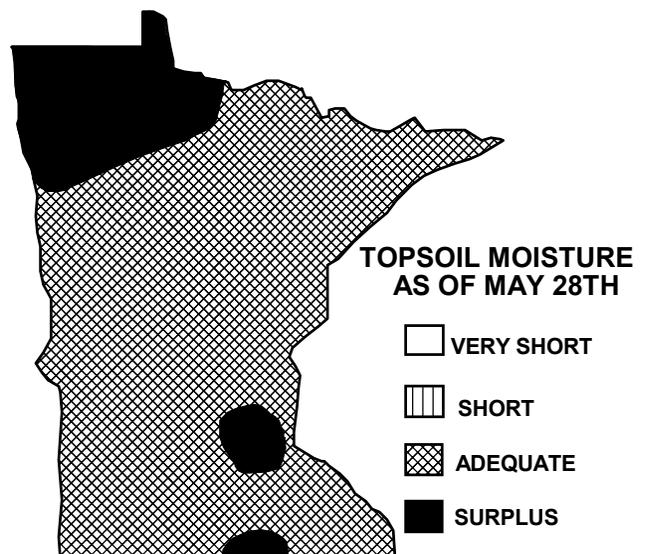
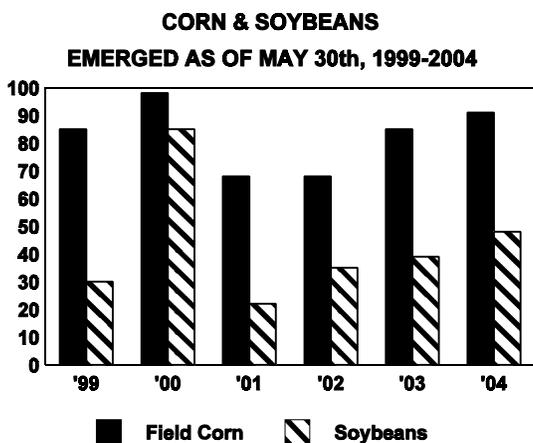
Dry beans were 60% planted compared to the five year average of 63%. Sunflowers were 70% planted compared to 66% last year and 57% for the five year average.

Canola was 80% planted compared to 94% last year and 68% for the five year average. Sweet corn was 64% planted compared to the five year average of 62%.

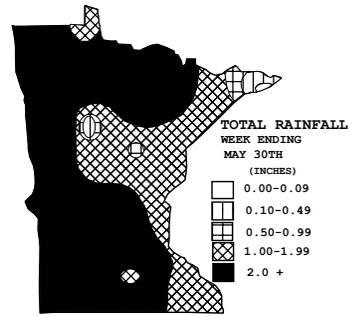
Days Suitable for Fieldwork : 2.0				
	Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)	0	3	71	26

Crop Progress as of May 30, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
Corn	Emerged	91	82	85	81
	Height - Inches	3	NA	3	1
Soybeans	Planted	90	82	84	82
	Emerged	48	31	39	42
Spring Wheat	Emerged	91	78	90	79
	Jointed	6	4	8	6
Oats	Emerged	92	82	94	87
	Jointed	13	1	15	11
Barley	Emerged	91	66	92	75
	Jointed	5	1	6	6
Alfalfa Hay	First Cutting	1	NA	16	19
Canola	Planted	80	62	94	68
Dry Beans	Planted	60	32	65	63
Sweet Corn	Planted	64	57	57	62
Green Peas	Planted	90	88	85	88
Sunflowers	Planted	70	41	66	57
Potatoes	Planted	89	84	88	84

Crop Condition as of May 28 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	3	12	31	44	10
Spring Wheat	8	10	35	39	8
Barley	13	20	31	31	5
Corn	2	5	36	52	5
Alfalfa	1	14	34	43	8
Oats	6	7	24	54	9
Soybeans	3	8	42	41	6



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING MAY 30, 2004:  
 Temperatures averaged from 8.1 degrees below normal in the Central and East Central Districts to 5.7 degrees below normal in the South-West District. Extremes: 79° in Canby and Pipestone; 28° in Hibbing. Precipitation averaged from 0.54 inch above normal in the Northeast District to 3.51 inches above normal in the Southwest District. Greatest weekly total was 6.99 inches.



Precipitation and Temperature Summary for 5/24/2004 through 5/30/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	73	39	53.8	-6.7	3.33	2.66	5.74	4.73	183	-117
Moorhead	76	40	55.3	-6.0	3.04	2.33	2.73	1.40	224	-92
Warroad	76	37	51.2	-6.3	1.73	1.05	5.75	6.11	129	-106
<u>NC DIST 2</u>										
Grand Rapids	72	31	50.5	-7.6	2.21	1.40	1.38	.62	191	-63
Intl. Falls	73	29	49.9	-7.2	2.15	1.42	2.48	1.88	131	-107
Itasca	72	32	49.1	-7.7	.49	-.29	.78	-.67	182	-42
<u>NE DIST 3</u>										
Duluth	66	33	48.7	-6.7	1.55	.76	.64	-.26	121	-80
Grand Marais	59	35	46.4	-3.1	.03	-.64	-1.15	-.90	63	-54
Hibbing	67	28	47.4	-9.1	2.52	1.79	1.80	.83	134	-90
Isabella	63	30	46.6	-10.9	1.05	.24	.20	.27	95	-149
<u>WC DIST 4</u>										
Alexandria	70	37	53.6	-6.6	2.28	1.44	1.15	1.03	191	-103
Browns Valley	77	36	55.6	-6.5	3.11	2.50	3.35	2.27	261	-73
Canby	79	42	56.6	-6.5	3.07	2.30	2.08	1.40	298	-50
Fergus Falls	74	40	53.4	-7.3	4.14	3.41	3.85	2.97	222	-79
Montevideo	74	34	55.3	-6.5	4.12	3.28	4.23	3.40	265	-52
Morris	74	37	53.2	-8.7	2.46	1.71	2.34	1.32	231	-98
<u>CENT DIST 5</u>										
Becker	70	35	52.4	-8.1	3.80	2.91	5.73	5.00	213	-88
Hutchinson	74	38	54.1	-8.7	4.49	3.65	3.73	2.34	294	-51
Olivia	75	38	53.2	-9.6	5.31	4.48	4.43	3.40	296	-48
St. Cloud	72	37	55.0	-5.3	2.72	1.89	4.00	3.01	259	-39
Staples	71	34	50.4	-8.4	1.35	.54	.79	.28	190	-84
Willmar	73	38	53.4	-8.8	4.68	3.76	4.51	3.57	263	-68
<u>EC DIST 6</u>										
Aitkin	68	32	46.8	-10.7	.73	-.09	-.49	-.38	179	-66
MSP Airport	73	42	56.4	-6.8	2.20	1.35	3.18	2.64	282	-73
St. Paul - UofM	71	40	57.2	-7.0	1.84	.86	2.45	2.31	323	-57
<u>SW DIST 7</u>										
Lamberton	78	41	55.4	-7.9	3.69	2.89	3.71	1.97	300	-52
Pipestone	79	40	55.6	-6.2	3.63	2.79	3.54	2.17	283	-41
Redwood Falls	78	40	58.2	-6.2	6.99	6.20	6.77	5.14	291	-88
Worthington	77	42	56.0	-5.5	2.04	1.16	2.51	1.51	290	-23
<u>SC DIST 8</u>										
Faribault	73	42	55.8	-6.1	3.00	2.09	5.05	3.86	306	-19
Mankato	75	41	55.7	-7.0	1.79	.81	2.24	.53	303	-40
Waseca	75	40	56.8	-5.8	1.41	.47	2.00	.30	318	-22
Winnebago	76	43	57.8	-5.0	4.64	3.66	4.69	3.15	318	-28
<u>SE DIST 9</u>										
Preston	70	41	56.0	-4.7	1.02	.07	4.05	2.51	307	10
Red Wing	70	43	54.4	-8.0	1.98	1.13	2.98	2.09	287	-50
Rochester	74	42	57.4	-3.4	1.03	.20	3.13	2.23	299	-4
Rosemount	72	40	55.0	-6.4	2.29	1.30	3.25	2.28	286	-30
Winona	70	44	56.7	-7.3	1.83	.97	4.71	3.07	316	-59

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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