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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

SHOWERS IMPROVE SOIL MOISTURE

Scattered showers last week throughout the state greatly improved topsoil moisture supplies, according to the Minnesota Agricultural Statistics Service. However additional precipitation is needed to replenish subsoil moisture supplies. Producers are making good progress with spring planting activities.

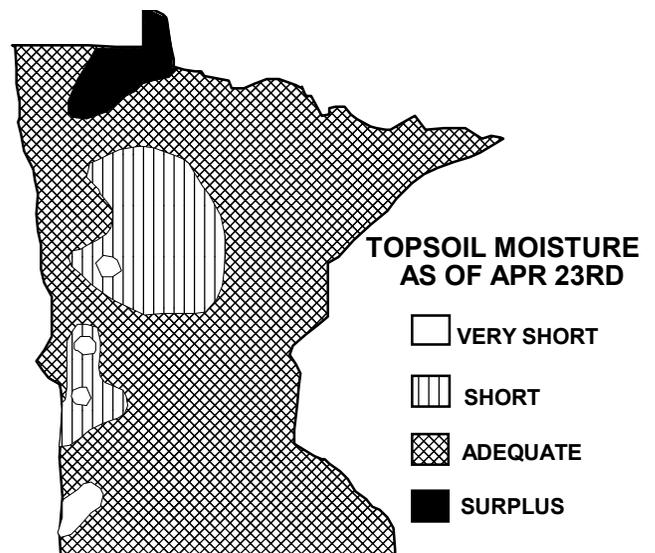
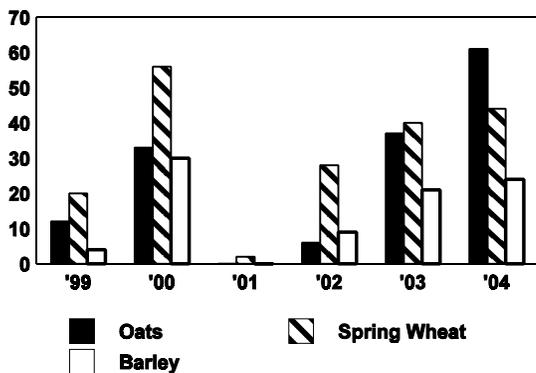
Statewide average temperature for the week was 46.0 degrees, which is 0.4 degrees below normal. Statewide topsoil moisture supplies as of April 23rd were rated 4% very short, 24% short, 68% adequate, and 4% surplus.

An estimated 44% of spring wheat is planted compared to 37% last year with 8% emerged. Barley acreage is 24% planted compared to 21% last year with 3% emerged. Oats are 61% planted compared with the five year average of 29% with 15% emerged. Sugarbeet planting is 55% complete compared to 38% last year and 23% for the five year average.

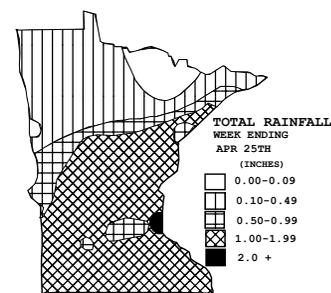
Corn planted is 23% complete compared to 19% for last year and 13% for the five year average. Soybeans at 1% planted, is the same as the five year average.

Days Suitable for Fieldwork : 3.6					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		4	24	68	4
Crop Progress as of April 25, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Land prepared	44	20	32	25
	Planted	23	6	19	13
Soybeans	Land prepared	13	8	8	7
	Planted	1	NA	0	1
Spring Wheat	Planted	44	24	37	18
	Emerged	8	1	5	3
Oats	Planted	61	46	40	29
	Emerged	15	2	6	7
Barley	Planted	24	12	21	13
	Emerged	3	0	1	2
Green Peas	Planted	31	11	17	17
Sugarbeets	Planted	55	38	38	23
Potatoes	Planted	38	NA	19	14

**OATS, SPRING WHEAT, AND BARLEY
PLANTED AS OF APRIL 25TH, 1999-2004**



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING APRIL 25, 2004:
 Temperatures averaged from 3.0 degrees below normal in the North-east District to 2.6 degrees above normal in the South Central District. Extremes: 92° in Hutchinson; 17° in International Falls. Precipitation averaged from 0.14 inch below normal in the North Central District to 1.12 inches above normal in the East Central District. Greatest weekly total was 2.60 inches.



Precipitation and Temperature Summary for 4/19/2004 through 4/25/2004

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Weeks	Since 4/1
<u>NW DIST 1</u>								
Crookston	64	25	42.0	-3.4	.34	-.01	-.70	-.61
Moorhead	68	20	43.8	-3.2	.03	-.31	-1.03	-.93
Warroad	63	21	40.0	-1.0	.32	.00	.64	.68
<u>NC DIST 2</u>								
Grand Rapids	62	24	43.5	-.8	.49	.03	-.62	-.49
Intl. Falls	59	17	39.4	-3.3	.01	-.34	-.28	-.21
Itasca	61	20	40.4	-.8	.33	-.10	-1.15	-1.02
<u>NE DIST 3</u>								
Duluth	57	28	41.2	-.8	.57	.06	-.59	-.41
Grand Marais	59	26	38.6	-2.1	.23	-.10	.41	.51
Hibbing	58	18	39.7	-2.8	.07	-.32	-.72	-.60
Isabella	53	20	36.0	-6.3	1.12	.65	.55	.21
<u>WC DIST 4</u>								
Alexandria	61	31	46.1	.2	1.32	.85	.19	.37
Browns Valley	66	23	44.8	-3.1	.85	.37	-.79	-.60
Canby	89	27	48.2	-.4	1.75	1.21	-.33	-.12
Fergus Falls	62	28	45.7	-.5	.78	.40	-.61	-.45
Montevideo	61	29	47.2	.3	1.41	.86	-.46	-.27
Morris	79	30	47.9	.4	1.09	.60	-.73	-.55
<u>CENT DIST 5</u>								
Becker	68	31	43.5	-3.5	1.91	1.30	.25	-.12
Hutchinson	92	33	50.7	2.2	.71	.18	-1.27	-1.08
Olivia	91	31	50.1	2.1	1.49	.91	-.52	-.44
St. Cloud	64	29	46.2	-.6	1.03	.51	-.66	-.47
Staples	58	27	44.2	-1.3	1.45	.97	-.11	-.07
Willmar	87	33	50.3	2.7	1.32	.80	-.60	-.43
<u>EC DIST 6</u>								
Aitkin	60	26	43.4	-.7	1.56	1.05	.37	.45
MSP Airport	63	34	49.3	-.4	.90	.34	-.16	.05
St. Paul - UofM	87	34	51.0	-.1	2.60	1.98	.33	.53
<u>SW DIST 7</u>								
Lamberton	91	27	48.8	.7	1.06	.39	-1.40	-1.18
Pipestone	87	31	49.0	1.3	1.10	.51	-.99	-.86
Redwood Falls	65	33	48.5	-1.5	.97	.35	-1.26	-1.04
Worthington	87	30	48.3	1.7	1.88	1.22	-.50	-.35
<u>SC DIST 8</u>								
Faribault	86	34	50.0	2.0	1.79	1.09	-.68	-.45
Mankato	88	36	51.3	2.6	1.51	.77	-1.33	-1.06
Waseca	87	37	51.0	3.0	1.75	.97	-1.18	-.90
Winnebago	86	36	51.0	2.8	1.49	.74	-1.00	-.78
<u>SE DIST 9</u>								
Preston	81	30	49.7	1.9	1.55	.74	-1.25	-.99
Red Wing	85	37	51.2	2.3	1.81	1.13	-.40	-.18
Rochester	63	38	48.4	.8	1.22	.48	-.40	-.16
Rosemount	88	32	49.7	1.4	1.58	.88	-.50	-.76
Winona	83	40	52.8	2.1	1.52	.69	-1.27	-1.05

m=some data missing

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