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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

WARM TEMPERATURES WELCOME, MORE NEEDED

Minnesota farmers are hopeful that the warm temperatures received this past week will continue, according to the Minnesota Agricultural Statistics Service. The warm, sunny conditions helped improve corn condition and development, while soybean condition continued to deteriorate. The impact of the frost two weeks ago is dependent on growing degree days (GDD). Some producers were reporting white mold on soybeans.

The average temperature for the week was 68.5 degrees, 5.5 degrees above normal. Statewide topsoil moisture supplies as of September 3rd were rated 2% very short, 19% short, 75% adequate, and 4% surplus.

Corn in the dent stage was 20%, which is behind the five year average of 71%. Soybeans were 32% turning yellow, behind the five year average of 50%.

Corn condition was rated 53% in good to excellent compared to 49% last week. Soybeans were rated 41% in good to excellent condition, compared to 44% last week.

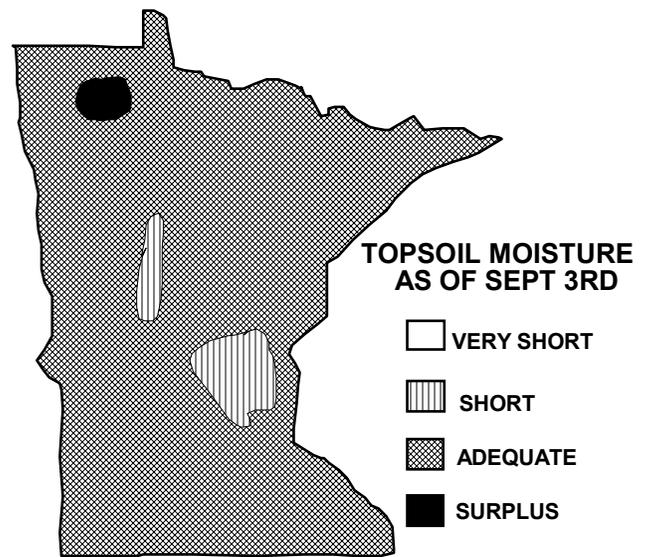
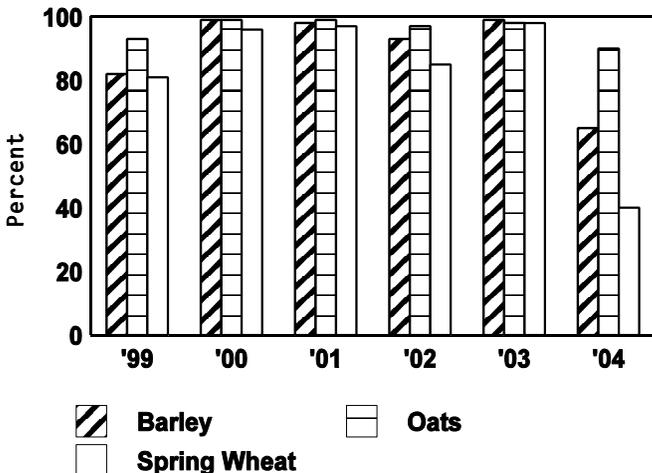
Spring wheat was 40% harvested, compared to 91% for the five year average. Barley was 65% harvested, compared to 94% for the five year average. Oats were 90% harvested, which was behind the five year average of 97%.

Potatoes were 40% harvested which was ahead of the five year average of 18%.

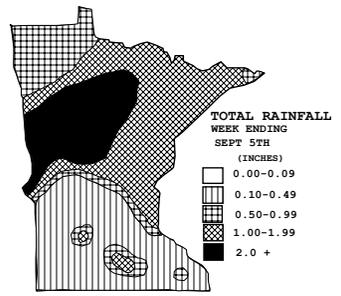
Sweet corn was 58% harvested, below the five year average of 74%.

Days Suitable for Fieldwork : 5.6					
		Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)		2	19	75	4
Crop Progress as of September 5, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Dough	74	35	97	97
	Dent	20	6	76	71
Field Corn	Cut for Silage	8	3	40	22
Soybeans	Turning Yellow	32	10	63	50
	Dropping Leaves	2	0	21	13
Spring Wheat	Harvested	40	33	98	91
Oats	Harvested	90	80	98	97
Barley	Harvested	65	50	99	94
Potatoes	Harvested	40	31	35	18
Canola	Harvested	42	20	80	56
Sweet Corn	Harvested	58	45	69	74
Crop Condition as of September 3 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	3	12	37	42	6
Dry Beans	27	18	34	21	0
Canola	6	27	53	14	0
Potatoes	3	9	29	50	9
Sunflowers	8	25	37	27	3
Corn	4	10	33	44	9
Sugarbeets	1	8	32	52	7
Soybeans	6	17	36	35	6

SMALL GRAINS HARVESTED AS OF SEPTEMBER 5th, 1999-2004



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 5, 2004:
 Temperatures averaged from 2.8 degrees above normal in the North-east District to 7.3 degrees above normal in the North Central District. Extremes: 93° in Moorhead, Browns Valley ; 43° in Pipestone. Precipitation averaged from 0.21 inch below normal in the South Central District to 2.25 inches above normal in the North Central District. Greatest weekly total was 4.63 inches.



Precipitation and Temperature Summary for 8/30/2004 through 9/5/2004

	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	91	48	67.2	4.6	.87	.28	1.33	5.64	1508	-519
Moorhead	93	49	69.8	6.2	2.34	1.81	.74	2.41	1739	-383
Warroad	87	50	63.4	3.6	.58	-.07	-.05	5.99	1351	-416
<u>NC DIST 2</u>										
Grand Rapids	88	51	67.6	7.7	4.63	3.87	2.87	-.23	1566	-207
Intl. Falls	85	46	64.2	5.8	1.94	1.20	.71	.47	1260	-399
Itasca	87	50	67.2	8.4	2.45	1.69	.11	-2.21	1417	-244
<u>NE DIST 3</u>										
Duluth	83	49	64.0	4.7	1.67	.64	.25	-2.91	1270	-284
Grand Marais	70	49	58.0	-1.4	.70	-.07	-.32	-1.53	872	-307
Hibbing	86	44	65.2	6.6	1.56	.80	-.00	-4.45	1327	-286
Isabella	81	44	60.2	1.3	1.00	.11	.17	-3.03	1099	-563
<u>WC DIST 4</u>										
Alexandria	87	51	71.0	8.1	.38	-.36	-1.82	-1.57	1638	-391
Browns Valley	93	48	69.8	4.8	3.40	2.90	1.33	3.77m	1672m	-569m
Canby	87	53	73.1	6.7	.20	-.39	1.17	1.97	2015	-333
Fergus Falls	89	48	70.2	6.9	4.26	3.66	1.74	5.24	1737	-320
Montevideo	85	47	70.0	5.4	.42	-.19	1.69	3.96	1888	-291
Morris	87	9	66.6	2.4	.25	-.33	-1.22	-.57	1747	-427
<u>CENT DIST 5</u>										
Becker	88	53	70.8	8.3	.30	-.57	-.85	2.68	1834	-183
Hutchinson	87	51	70.6	5.7	.14	-.58	-1.82	1.93	1937	-317
Olivia	86	49	69.9	5.6	.40	-.33	-.85	.68	1891	-327
St. Cloud	88	49	70.4	8.1	1.00	.18	-1.47	.36	1783	-222
Staples	86	50	67.1	6.2	2.27	1.63	.01	1.87	1520	-309
Willmar	85	52	70.3	6.0	.42	-.35	-.85	1.71	1866	-323
<u>EC DIST 6</u>										
Aitkin	86	46	64.4	4.5	1.30	.53	-.94	-4.48	1491	-224
MSP Airport	88	57	74.4	8.5	1.12	.34	-1.45	-1.58	2097	-242
St. Paul - UofM	88	55	73.4	6.3	.60	-.28	-2.20	-1.70	2115	-311
<u>SW DIST 7</u>										
Lamberton	89	49	70.7	5.8	.39	-.30	.55	2.97	1941	-340
Pipestone	89	43	70.5	6.0	.42	-.27	-.83	1.96	1869	-325
Redwood Falls	87	52	72.3	5.8	1.19	.49	.54	5.80	2012	-401
Worthington	89	52	70.0	6.2	.28	-.43	-1.22	2.05	1933	-203
<u>SC DIST 8</u>										
Faribault	85	54	69.6	4.9	.38	-.52	-1.74	4.35	1944	-260
Mankato	86	53	70.4	5.2	1.01	.13	.43	5.92	1943	-329
Waseca	86	53	70.0	5.2	1.12	.22	.27	5.51	2002	-214
Winnebago	87	51	70.0	4.7	.10	-.67	-1.02	3.53	1978	-291
<u>SE DIST 9</u>										
Preston	82	48	66.5	2.4	.19	-.79	-2.27	7.25	1872	-217
Red Wing	87	54	70.2	4.8	.15	-.74	-1.09	.82	1992	-265
Rochester	84	53	69.6	6.1	.79	-.07	.70	6.79	1881	-181
Rosemount	86	53	69.7	5.3	2.48	1.53	-.27	-.57	1959	-193
Winona	86	56	71.6	4.0	.49	-.41	-1.52	5.69	2085	-380

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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