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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

SOYBEAN HARVEST IN FULL SWING

Rain early last week made it difficult to get into fields, however late in the week producers were able to move forward with harvesting soybeans, according to the Minnesota Agricultural Statistics Service. The significantly warmer temperatures throughout the month of September aided crop development, however, frost was reported across most of the state last week.

The average temperature for the week was 52.3 degrees, 0.6 degrees below normal. Statewide topsoil moisture supplies as of October 1st were rated 2% short, 75% adequate, and 23% surplus. Corn in the dent stage was 95%, which is behind the five year average of 99%. Soybeans were 84% dropping leaves, behind the five year average of 98%.

Corn condition was rated 60% good to excellent, unchanged from last week. Soybeans were rated 47% in good to excellent condition, compared to last weeks rating of 48%.

Soybeans were 20% harvested compared to 58% last year and 46% for the five year average.

Field corn for silage was 57% chopped, nearly forty percentage points behind the five year average of 96%.

Potatoes were 66% harvested which was the same as the five year average.

Sweet corn was 92% harvested, below the five year average of 99%.

Canola was 88% harvested, compared to the five year average of 96%.

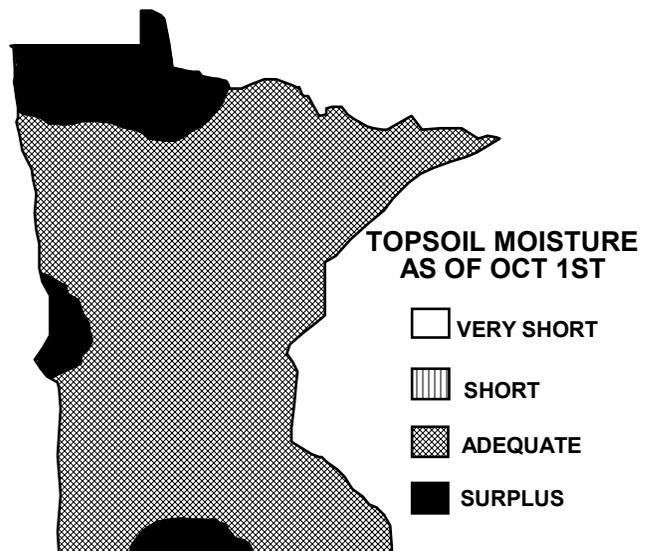
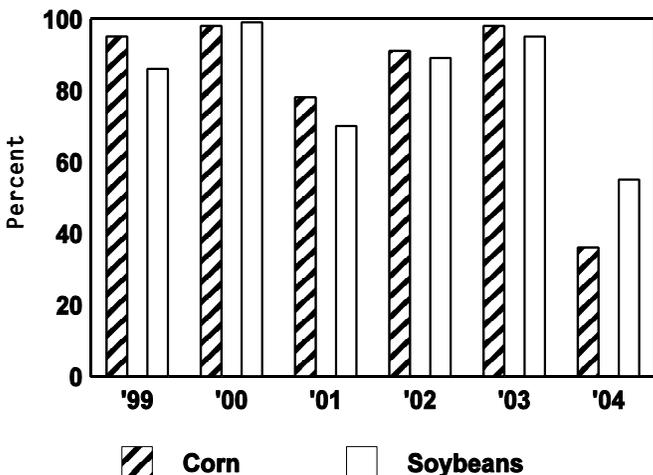
Sugarbeets were 24% harvested compared to 42% last year and 30% for the five year average.

Days Suitable for Fieldwork : 5.0				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	0	2	75	23

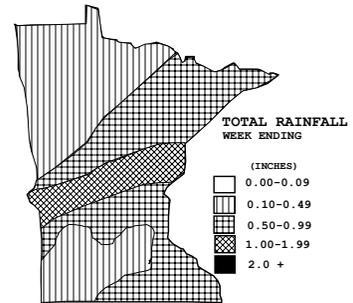
Crop Progress as of October 3, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
Corn	Dent	95	86	99	99
	Mature	36	15	98	92
Field Corn	Cut for Silage	57	30	99	96
Soybeans	Turning Yellow	96	91	99	99
	Dropping Leaves	84	57	99	98
	Mature	55	17	95	88
	Harvested	20	NA	58	46
Spring Wheat	Harvested	95	90	99	99
Potatoes	Harvested	66	58	74	66
Canola	Harvested	88	73	99	96
Dry Beans	Harvested	43	24	82	73
Sweet Corn	Harvested	92	82	99	99
Sugarbeets	Harvested	24	6	42	30

Crop Condition as of October 1 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	2	8	29	53	8
Dry Beans	11	27	46	15	1
Corn	3	7	30	48	12
Soybeans	6	14	33	39	8
Sunflowers	11	17	44	28	0
Sugarbeets	1	4	24	59	12

CORN & SOYBEANS MATURE AS OF OCTOBER 3rd, 1999-2004



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 3, 2004:
 Temperatures averaged from 1.8 degrees below normal in the Southeast District to 0.8 degree above normal in the Central District.
 Extremes: 83° in Canby; 24° in Hibbing, Pipestone. Precipitation averaged from 0.34 inch below normal in the Northwest District to 0.36 inch above normal in the West Central District. Greatest weekly total was 1.37 inches.



Precipitation and Temperature Summary for 9/27/2004 through 10/3/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	Since Apr 29	Depart from Norm	
<u>NW DIST 1</u>										
Crookston	81	27	50.5	-.9	.09	-.38	1.46	7.10	1802	-467
Moorhead	73	29	50.8	-1.7	.18	-.31	.41	2.82	2063	-321
Warroad	75	31	49.0	.1	.20	-.32	1.74	7.72	1603	-355
<u>NC DIST 2</u>										
Grand Rapids	72	31	49.0	-1.1	.68	-.01	1.02	.80	1876	-103
Intl. Falls	67	29	45.5	-2.6	.13	-.47	1.48	1.95	1518	-318
Itasca	78	32	50.6	2.5	.15	-.49	4.11	1.90	1702	-142
<u>NE DIST 3</u>										
Duluth	67	29	49.0	-.9	.89	.12	-.14	-3.04	1514	-245
Grand Marais	70	33	48.5	-1.9	.55	-.17	-.85	-2.38	1063	-326
Hibbing	68	24	45.6	-3.0	.51	-.17	-.63	-5.09	1602	-198
Isabella	74	27	50.4	1.5	.26	-.50	.70	-2.33	1328	-527
<u>WC DIST 4</u>										
Alexandria	69	33	52.0	-.4	1.25	.70	2.84	1.28	1979	-309
Browns Valley	76	25	50.3	-3.7	1.09	.69	3.34	m	m	m
Canby	83	30	54.5	-1.7	.59	.07	2.52	4.49	2391	-288
Fergus Falls	81	28	54.3	2.0	.37	-.10	3.94	9.19	2065	-254
Montevideo	82	27	52.2	-2.2	.40	-.07	4.67	8.63	2256	-219
Morris	82	32	53.6	.2	1.37	.86	5.37	4.81	2092	-364
<u>CENT DIST 5</u>										
Becker	78	33	54.3	1.9	.77	.18	4.43	7.11	2238	-33
Hutchinson	79	30	56.7	1.9	.21	-.23	3.34	5.26	2363	-191
Olivia	80	27	54.5	.3	.52	-.01	4.36	5.03	2284	-228
St. Cloud	72	31	51.8	-.4	.93	.35	2.49	2.85	2157	-98
Staples	77	30	51.2	-.0	.96	.36	4.02	5.88	1824	-235
Willmar	81	31	55.0	1.0	.51	-.04	3.01	4.72	2251	-228
<u>EC DIST 6</u>										
Aitkin	72	32	49.0	-1.3	1.01	.40	1.41	-3.07	1816	-108
Forest Lake	80	38	57.0	1.1	.51	-.13	1.31	m	m	m
MSP Airport	73	33	55.2	-.5	.38	-.13	1.11	-.47	2527	-135
St. Paul - UofM	76	32	56.4	-1.3	.61	-.02	1.63	-.07	2572	-211
<u>SW DIST 7</u>										
Lamberton	80	29	54.5	-.5	.31	-.20	3.75	6.73	2343	-243
Pipestone	81	24	55.4	1.6	.43	-.15	2.99	4.96	2256	-228
Redwood Falls	78	34	55.6	-.8	.38	-.09	2.70	8.50	2416	-334
Worthington	78	30	54.3	.5	.32	-.17	6.41	8.46	2321	-99
<u>SC DIST 8</u>										
Faribault	77	30	53.2	-1.9	.47	-.12	2.73	7.07	2357	-150
Mankato	79	29	54.1	-1.1	.39	-.21	3.93	9.86	2374	-208
Waseca	78	28	54.4	-.5	.60	-.01	4.68	10.18	2421	-103
Winnebago	79	29	55.3	-.0	.61	.07	6.41	9.94	2384	-199
<u>SE DIST 9</u>										
Preston	75	28	51.3	-3.3	.65	-.01	3.38	10.63	2257	-126
Red Wing	78	33	54.5	-.8	.50	-.15	2.05	2.86	2403	-166
Rochester	76	30	52.8	-1.0	.83	.25	3.26	10.06	2257	-87
Rosemount	76	29	53.5	-1.6	.58	-.08	1.85	1.28	2361	-90
Winona	77	36	55.8	-1.9	.67	.04	3.88	9.56	2504	-326

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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