



Released: September 18, 2006

Issue No: CW-37-06

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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,  
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

**SOYBEAN HARVEST JUST BEGINNING**

Minnesota's soybean crop continued to advance with harvest just beginning in some areas of the state, according to USDA, NASS, Minnesota Field Office. Significant harvest progress was made on dry edible beans and corn cut for silage. The sweet corn harvest neared completion.

The average temperature for the week was 61.7°, 3.1° above normal. Statewide topsoil moisture supplies as of Friday were rated 12% very short, 25% short, 62% adequate, and 1% surplus.

As of Sunday September 17<sup>th</sup>, soybeans turning yellow were estimated at 93%, compared to 85% for the five-year average. Soybeans dropping leaves were 67%, compared to 51% for the average. Soybeans mature were 23% compared to 16% for the average. Soybean crop condition was rated 64% good or excellent, an increase of 6 percentage points from the previous week. Forty-three percent of the corn acreage reached the mature stage, compared to 27% for the average. Corn crop condition was rated 63% good or excellent, an increase of 5 percentage points from the previous week.

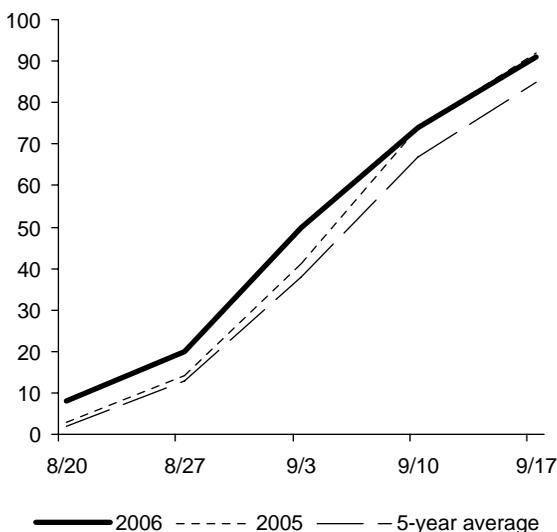
Sweet corn harvest was estimated at 92% complete, dry bean harvest was 56% complete, and the sugarbeet harvest was at 9 percent. Sugarbeet crop condition was rated 62% good or excellent, and sunflower condition was rated 62% good or excellent.

Days Suitable for Fieldwork: 6.1				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	12	25	62	1

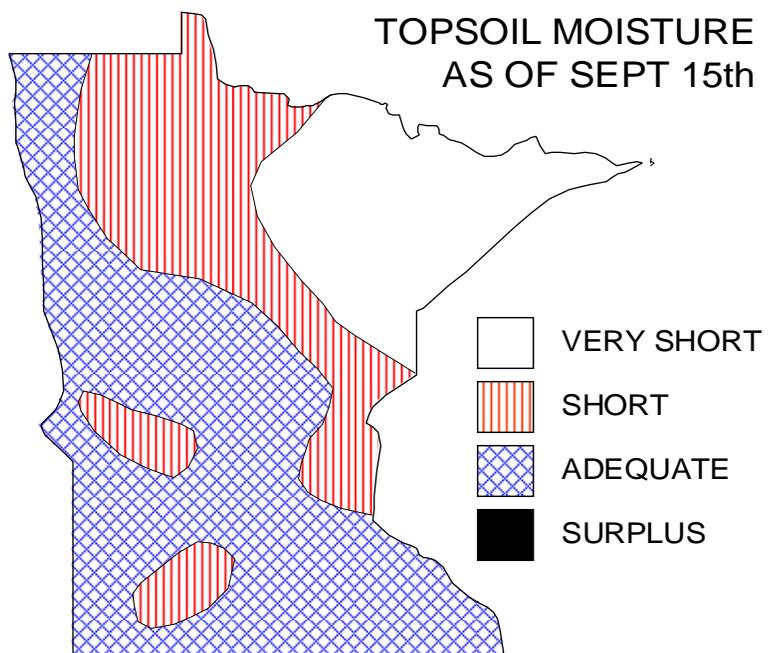
Crop Progress as of September 17, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Mature	43	22	31	27
Field Corn	Cut for Silage	74	51	60	54
Soybeans	Turning Yellow	93	74	92	85
	Dropping Leaves	67	34	58	51
	Mature	23	5	14	16
Potatoes	Harvested	3	NA	2	2
Potatoes	Harvested	70	51	29	36
Sugarbeets	Harvested	9	7	3	4
Dry Beans	Harvested	56	28	27	30
Sweet Corn	Harvested	92	85	84	84

Crop Condition as of September 15, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	13	22	36	26	3
Corn	5	10	22	51	12
Soybeans	4	9	23	47	17
Sugarbeets	1	3	34	39	23
Dry Beans	7	16	42	27	8
Sunflowers	1	9	28	54	8

**SOYBEANS**  
Turning Yellow  
AUGUST 20 - SEPTEMBER 17



**TOPSOIL MOISTURE**  
AS OF SEPT 15th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 17, 2006:

Temperatures averaged from 0.3 degree below normal in the Southeast District to 8.1 degrees above normal in the Northwest District. Extremes: 27 degrees in Hibbing; 89 degrees in Moorhead. Precipitation averaged from 0.61 inch below normal in the Northeast District to 0.82 inch above normal in the South Central District. Greatest weekly total was 3.04 inches recorded in Forest Lake.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 9/11/2006 through 9/17/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	86	43	65.1	7.6	1.41	.89	.43	-3.62	2346	207
Moorhead	89	43	66.6	8.1	.50	-.01	1.50	-3.32	2515	273
Warroad	85	42	63.1	8.5	.47	-.16	-1.88	-5.70	2097	238
<u>NC DIST 2</u>										
Grand Rapids	82	36	61.0	5.7	1.85	1.13	-.93	-5.36	2247	380
Intl. Falls	82	30	59.8	6.2	.12	-.61	-2.75	-6.25	1947	203
Itasca	83	32	60.6	6.9	2.55	1.85	.76	-4.93	2118	369
<u>NE DIST 3</u>										
Duluth	75	38	58.5	3.3	.17	-.84	-3.76	-5.35	1993	343
Grand Marais	70	47	60.0	4.4	.12	-.69	-2.73	-6.04	1583	301
Hibbing	81	27	55.2	1.2	.46	-.30	-2.53	-9.97	1923	222
<u>WC DIST 4</u>										
Alexandria	82	44	63.3	5.0	.56	-.07	2.95	-3.19	2440	292
Browns Valley	87	44	64.0	3.7	1.32	.89	4.11	3.94	2409	34
Canby	85	45	62.4	.3	1.20	.64	3.27	2.92	2555	59
Fergus Falls	85	39	63.8	5.4	2.15	1.65	3.73	4.99	2411	233
Montevideo	85	42	63.2	2.5	.38	-.15	.57	1.66	2459	90
Morris	86	43	63.5	3.9	.22	-.27	1.01	-4.86	2385	83
<u>CENT DIST 5</u>										
Becker	81	42	62.4	4.5	1.15	.40	2.32	-3.59	2578	461
Collegeville	82	45	64.4	3.0	.24	-.51	1.70	-1.55	2670	253
Hutchinson	82	43	61.6	.9	1.23	.69	.53	-2.66	2593	206
Olivia	85	41	61.5	1.9	1.57	.92	-.48	-1.78	2451	129
St. Cloud	81	39	61.4	3.5	.33	-.36	3.04	-1.14	2421	304
Staples	80	38	60.5	4.0	1.38	.78	.10	-3.87	2201	282
Willmar	87	43	63.2	3.2	1.08	.42	-.10	-5.88	2546	227
<u>EC DIST 6</u>										
Aitkin	80	35	59.0	3.4	.06	-.63	-2.21	-7.51	2220	410
Forest Lake	81	44	62.2	2.5	3.04	2.26	3.07	1.81	2566	296
MSP Airport	82	48	64.2	2.6	.34	-.29	.44	.37	2832	350
St. Paul - UofM	82	46	63.4	.6	.47	-.28	.38	2.56	2773	218
<u>SW DIST 7</u>										
Lamberton	85	43	62.2	1.4	1.17	.56	-1.03	4.40	2505	89
Pipestone	84	40	60.6	.7	.83	.18	-.77	-2.33	2414	89
Redwood Falls	86	42	63.4	1.1	1.40	.82	-.82	.38	2583	22
Worthington	84	43	60.6	.9	2.21	1.61	-.33	1.35	2491	227
<u>SC DIST 8</u>										
Faribault	81	42	61.0	.7	1.44	.68	3.72	-.98	2504	196
Mankato	84	44	61.8	.9	.69	-.04	-1.67	-3.30	2542	133
Waseca	82	39	61.5	.7	1.63	.88	-.11	1.94	2565	212
Winnebago	83	46	62.4	1.2	2.36	1.75	.29	2.17	2600	191
<u>SE DIST 9</u>										
Preston	80	40	58.6	-1.5	2.53	1.67	.29	1.46	2342	122
Red Wing	81	47	62.0	.8	1.28	.44	1.06	-3.32	2569	174
Rochester	80	45	60.5	.9	2.01	1.27	2.29	.68	2480	288
Rosemount	81	45	61.5	1.1	.39	-.44	-.25	-2.80	2527	243
Winona	81	48	61.2	-2.3	1.66	.83	-.33	-4.42	2608	-45

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.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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USDA, NASS, Minnesota Field Office  
PO Box 7068, ST. PAUL, MN 55107  
WEEKLY NEWS REPORT  
Minnesota Crop-Weather Report  
Publication No. 387190  
Address Service Requested