



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

HOT, DRY CONDITIONS PROMOTE CROP GROWTH AND DEVELOPMENT

Several consecutive days of hot, dry weather was beneficial for crop development and fieldwork, according to the USDA, NASS, Minnesota Field Office. As of July 3, 5.1 days were rated suitable for fieldwork, the second highest rating of the season. Reports indicated that crops responded well to sunshine and warm temperatures across most of the state. However, reports from northern areas stated that crops were showing signs of stress from surplus moisture. Haying and spraying resumed in areas after being postponed by wet conditions. Topsoil moisture was rated 2 percent short, 70 percent adequate, and 28 percent surplus, a significant improvement from the previous week.

Temperatures on Thursday and Friday were in the 90's with dew points in the 70's. This combination created humid conditions that developed into severe thunderstorms Friday evening. A line of storms passed through central and southern areas of the state and included strong winds and reports of localized hail. Sunshine returned over the weekend.

Corn height averaged 25 inches, compared to 43 inches for the five-year average. Corn condition held steady from the previous week with 23 percent rated fair and 58 percent rated good.

Soybean height averaged 7 inches, compared to 11 inches average. Soybean blooming was underway at 2 percent, 12 percentage points behind average. Soybean condition was rated 28 percent fair and 54 percent good, nearly equal to last week.

Small grain condition was largely unchanged, with most of the crops rated in fair to good condition. Sweet corn planting was virtually complete at 96 percent, 3 percentage points behind average.

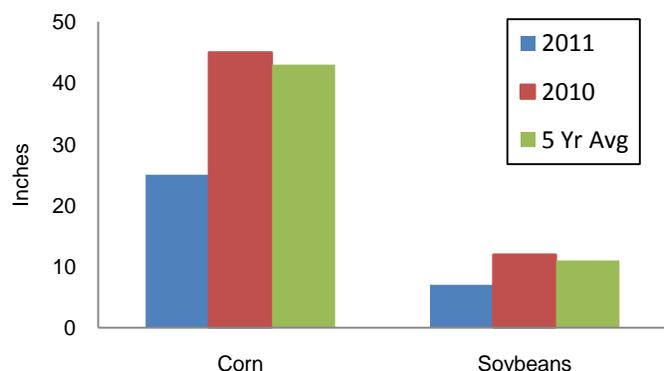
The first cutting of alfalfa advanced 8 points from the previous week to 88 percent complete. Pasture condition was rated 1 percent very poor, 2 percent poor, 12 percent fair, 59 percent good, and 26 percent excellent.

Days Suitable for Fieldwork: 5.1				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	2	70	28

Crop Progress as of July 3, 2011					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Height (Inches)	25	16	45	43
Soybeans	Height (Inches)	7	5	12	11
	Blooming	2	NA	17	14
Oats	Jointing	88	76	100	96
	Headed	54	25	91	79
Spring Wheat	Jointing	83	62	96	92
	Headed	35	10	88	67
Barley	Jointing	79	45	97	91
	Headed	27	10	88	67
Dry Beans	Emerged	99	94	NA	NA
	Blooming	1	0	NA	NA
Sweet Corn	Planted	96	82	98	99
Alfalfa	1st Cutting	88	80	90	94

Condition as of July 3, 2011					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	1	2	12	59	26
Soybeans	1	5	28	54	12
Corn	1	5	23	58	13
Oats	0	4	19	61	16
Barley	0	2	23	59	16
Spring Wheat	1	5	23	55	16
Sugarbeets	1	5	34	50	10
Potatoes	0	2	13	55	30
Canola	0	6	30	63	1
Alfalfa	1	3	15	63	18
Green Peas	3	13	36	37	11
Dry Beans	0	7	34	45	14
Sunflowers	0	5	50	40	5

Crop Height as of July 3



The following links provide further weather-related information and maps for Minnesota:

National Weather Service's Minnesota Data:
<http://www.nws.noaa.gov/view/states.php?state=MN>

Due to the Minnesota state budget impasse, we are unable to publish weather and precipitation information from the Minnesota State Climatology Office. Most functions and access to data from the Climate Working Group web site (climate.umn.edu) are suspended until the state budget is resolved.

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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