

UNIVERSITY OF MINNESOTA

Southern Research and Outreach Center

35838-120th Street
Waseca, MN 56093-4521

College of Food, Agricultural and
Natural Resource Sciences

507-835-3620
Fax: 507-835-3622
<http://sroc.cfans.umn.edu>

CONTACT: Thomas R. Hoverstad, Scientist

SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
MAY 19 THROUGH MAY 25, 2016

FOR RELEASE: Immediately

Below you will find the daily maximum and minimum air temperatures, growing degree units (GDUs), and 24-hour precipitation amounts for this week. These values are recorded at 8 AM and reflect the conditions for the previous 24-hour period (8 AM to 8 AM) at the Southern Research & Outreach Center, Waseca.

Date	Air Temp.		GDU's	Precip.	
	Max.	Min.			
		----- ° F -----			
Thursday	5/19	70	48	10.0	----
Friday	5/20	75	50	12.5	----
Saturday	5/21	76	47	13.0	----
Sunday	5/22	82	51	16.5	----
Monday	5/23	87	59	22.5	T
Tuesday	5/24	81	61	21.0	0.04
Wednesday	5/25	86	63	24.5	----

COMMENTS: Excellent growing conditions came to Minnesota this week enabling corn to recover from the frost injury sustained last week. Temperature averaged 66.9 degrees which is 6.1 degrees warmer than normal. Sunshine prevailed and only 0.04 inch of rain fell, 0.86 inch less than normal. Growing degree units (GDUs) totaled 120 or 41 percent more than normal. Since May 1, we have now accumulated 257.5 GDUs, 3 percent more than normal.

Last year this week was cool, temperature averaged 54.2 degrees and rainfall was close to normal at 0.80 inch. We accumulated 232 GDUs.

The weather was just what was necessary for corn to recover from frost injury. Frost damaged corn may not recover as well under cold, cloudy, damp conditions, but we had none of that. Plant counts taken on corn planted April 11 indicates no loss of stand from frost damage. We do have some sweet corn grown for fresh market sales. These super sweet hybrids do not have the seedling vigor that field corn has and a few plants did not recover from frost injury.

Even in this very susceptible sweet corn we lost less than 5 percent of the plants. Soybeans planted April 11 suffered an 80% stand loss from frost. Soybeans planted April 27 are fine.

Postemergence weed control will be the focus for corn and soybean producers now. Corn has resumed normal growth and development and weeds are also actively growing. Staging corn will be a challenge now because the first two leaves of most plants are missing. We should key in on the weeds to time postemergence applications. Try to get herbicides on before weeds are taller than 4-inches.

Mark your calendars plan to attend the Agronomy Field Tour scheduled for Tuesday, June 21. The event will be held rain or shine, the flyer is attached showing topics and speakers.

###