

UNIVERSITY OF MINNESOTA

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SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
JUNE 9 THROUGH JUNE 15, 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	6/09	84	57	20.5	0.51
Friday	6/10	85	66	25.5	----
Saturday	6/11	98	68	27.0	0.06
Sunday	6/12	92	70	28.0	----
Monday	6/13	91	66	26.0	----
Tuesday	6/14	85	68	26.5	----
Wednesday	6/15	81	62	21.5	3.19

COMMENTS: Warm humid weather resulted in severe storms and heavy rain across south-central Minnesota this week. Over 3-inches of rain in one day resulted in water ponds in many fields. Temperature averaged 76.6 degrees, which is 8.8 degrees above normal. Rainfall totaled 3.76 inches or 2.66 inches more than normal. Growing degree units (GDUs) totaled 175, 43% more than normal. Since May 1, we have accumulated 655 GDUs, this is 12% above normal.

Last year this week was also warm with plenty of rainfall. Temperature averaged 69.1 degrees, 1.52 inches of rain fell and GDUs totaled 569.5.

This was our first big rain event that could result in crop damage. Soybeans are under water in some areas and may not recover if the water does not go down in 2 days. Most of the corn is tall enough to stand up above the water. Our corn on the SROC has a nice green color and still looks good. For those areas that may have received two or three previous rains in the 2-inch range, nitrogen loss could be a concern. If you are concerned about the nitrogen status

of corn on your farm the Minnesota Extension service has a supplemental N worksheet that can help you decide if you may need additional fertilizer. This worksheet can be found at:

<http://www.extension.umn.edu/agriculture/nutrient-management/nitrogen/docs/NitrogenWorksheet.pdf> and was revised earlier this spring.

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.

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