

Sherburne Soil and Water Conservation District Ph: (763)241-1170 ext. 3

10/5/2009

Rain Reports		
7 day rainfall total 0.0		
April	1.19	August 5.23"
May	0.33	September 0.09"
June	4.1	October
July	2.6	
* Rainfall from Crescent Lake Climate Station, Clear Lake		

Irrigation Information					
Crop:	Corn	Russets	Reds	Soybeans	Edible Beans
Planting Dates:	27-Apr-09	4-May-09	14-Apr-09	13-May-09	
Stage of Growth:	black layer	Harvest	Harvest	Harvest	
Allowable Depletion(%):	65%				

Climate Information							Daily Evapotranspiration (ET's)					
Day	Daily Temps		Humidity		Solar Radiation (Langley's)	Average Wind (MPH)	Actual Crop Water Use (inches)					
	High (F)	Low (F)	High(%)	Low(%)			Potential ET	Corn ET	Russets ET	Reds ET	Soybeans ET	Edible Beans ET
9/28/2009	58	45	79	54	171	19	0.12	0.09	0.00	0.00	0.00	0.00
9/29/2009	58	37	89	47	144	5	0.09	0.07	0.00	0.00	0.00	0.00
9/30/2009	59	34	96	35	483	9	0.12	0.09	0.00	0.00	0.00	0.00
4 Day Avg.							0.11	0.08	0.00	0.00	0.00	0.00
7 Day Total							0.76	0.57	0.00	0.00	0.00	0.00
Running Total							27.86	17.29	11.04	12.00	15.46	0.00

Growing Degree Days (GDD's 50/86)				
		Current GDD's	Normal GDD's	Departure from Normal
Starting	April 1	2322	2408	-86
Starting	May 1	2213	2286	-73

Daily GDD's	
9/28/2009	4
9/29/2009	4
9/30/2009	5

Call the Sherburne SWCD at (763)241-1170 ext. 3 to request a weekly summary of the ET: