Sherburne Soil and Water Conservation District Ph: (763)241-1170 ext. 4

4/7/2017

Rain Reports

7 day rainfall total *.0"*

April	August
May	September
June	
July	

* Rainfall from St. Cloud Airport

Irrigation Information

Crop:	Corn	Russets	Reds	Soybeans	Green Beans
Planting Dates:					
Stage of Growth:					
Allowable Depletion(%):					

Climate Information

Day	Daily Temps High (F)	Daily Temps Low (F)	Ave. Humidity	Average Wind (MPH)	Solar Radiation (Langleys)
4/1/2017	62	29	70	3.2	451
4/2/2017	51	32	84	6.9	97
4/3/2017	55	44	87	5.4	157
4/4/2017	60	34	50	6	380
4/5/2017	54	30	50	7.8	315
4/6/2017	53	30	96	9.2	542

NA = No data available

Daily Evapotranspiration (ET's)

	Potential ET	Actual Crop Water Use (inches) Corn ET	Russets ET	Reds ET	Soybeans ET	Green Beans ET
4/1/2017	**0.15**	0.00	0.00	0.00	0.00	0.00
4/2/2017	**0.07**	0.00	0.00	0.00	0.00	0.00
4/3/2017	**0.06**	0.00	0.00	0.00	0.00	0.00
4/4/2017	**0.14**	0.00	0.00	0.00	0.00	0.00
4/5/2017	**0.12**	0.00	0.00	0.00	0.00	0.00
4/6/2017	**0.14**	0.00	1.00	0.00	0.00	0.00
4 Day Avg.						
7 Day Total	**0.68**	0.00	1.00	0.00	0.00	0.00
Running Total	**0.68**	0.00	0.00	0.00	0.00	0.00

Growing Degree Days (GDD's 50/86)

		Current GDD's	Normal GDD's	Departure from Normal
Starting	April 1	18	12	6
Starting	May 1	1	-110	111

	Daily GDD's
4/1/2017	6
4/2/2017	1
4/3/2017	3
4/4/2017	5
4/5/2017	2
4/6/2017	2

Call the Sherburne SWCD at (763)241-1170 ext. 4 to request a weekly summary of the ETs

Sherburne Soil and Water Conservation District Ph: (763)241-1170 ext. 4

4/17/2017

Rain Reports

7 day rainfall total	*.24"*
April	August
May	September
June	
July	

* Rainfall from St. Cloud Airport

Irrigation Information

Crop:	Corn	Russets	Reds	Soybeans	Green Beans
Planting Dates:			12-Apr-17		
Stage of Growth:					
Allowable Depletion(%):					

Climate Information

Day	Daily Temps High (F)	Daily Temps Low (F)	Ave. Humidity	Average Wind (MPH)	Solar Radiation (Langleys)
4/7/2017	60	24	49	10	461
4/8/2017	73	43	48	13	372
4/9/2017	63	48	70	9.9	171
4/10/2017	48	35	82	10.7	163
4/11/2017	54	32	68	4.9	513
4/12/2017	56	30	82	5.6	185
4/13/2017	50	44	88	7.3	137

NA = No data available

Daily Evapotranspiration (ET's)

	Potential ET	Actual Crop Water Use (inches) Corn ET	Russets ET	Reds ET	Soybeans ET	Green Beans ET
4/7/2017	**0.16**	0.00	0.00	0.00	0.00	0.00
4/8/2017	**0.19**	0.00	0.00	0.03	0.00	0.00
4/9/2017	**0.11**	0.00	0.00	0.02	0.00	0.00
4/10/2017	**0.07**	0.00	0.00	0.01	0.00	0.00
4/11/2017	**0.12**	0.00	0.00	0.02	0.00	0.00
4/12/2017	**0.10**	0.00	0.00	0.02	0.00	0.00
4/13/2017	**0.05**	0.00	0.00	0.01	0.00	0.00
4 Day Avg.						
7 Day Total	**0.80**	0.00	0.00	0.11	0.00	0.00
Running Total	**1.48**	0.00	0.00	0.01	0.00	0.00

Growing Degree Days (GDD's 50/86)

		Current GDD's	Normal GDD's	Departure from Normal
Starting	April 1	46	33	13
Starting	May 1	1	-89	90

	Daily GDD's
4/7/2017	5
4/8/2017	12
4/9/2017	7
4/10/2017	0
4/11/2017	2
4/12/2017	3
4/13/2017	0

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