

## Coming Events

### PROGRAM INFO

THE NRCS WILL BE ALLOCATING ADDITIONAL AVAILABLE FEDERAL FUNDS THIS SUMMER FOR THE 2015 EQIP SIGNUP.

THE CENTRAL PLATTE NRD WILL BE RECEIVING A NEW ALLOCATION OF NSWCP MONEY DURING THE MONTH OF JULY. PRODUCERS INTERESTED IN ASSISTANCE SHOULD CONTACT THEIR LOCAL NRCS OFFICE.

### CALENDAR OF EVENTS

JULY 3<sup>RD</sup> INDEPENDENCE DAY OBSERVED  
FRIDAY NRD OFFICE & NRCS OFFICE CLOSED

JULY 23<sup>RD</sup> BOARD OF DIRECTORS MEETING  
THURSDAY 2:00 PM @ CENTRAL PLATTE NRD OFFICE

### Goss's BACTERIAL WILT



### BACTERIAL STALK ROT



## Across the NRD

### Stage of Growth

The corn has reached the 9-10 leaf growth stage, and the soybeans have progressed to the 4-5 trifoliolate stage.

### Crop Condition

The more seasonal temperatures lately have helped the crops progress around the countryside. Crop conditions continue to look pretty good for the most part. After saying that, this could be a bad year for crop disease issues around the state. The weather conditions we received earlier this year may have caused damage or bruising to the plants allowing and entry point for the diseases. In conjunction with the moderate temperatures and wet condition, the environment is ideal for diseases. So producer are going to want to scout all crops on a regularly basis.

### Irrigation

Information is from UNL Extension, NebGuide G1852 Irrigation Management for Corn.

Table I. Average crop water use (ET) by growth stage for 113-day maturity corn grown in South Central Nebraska.

Growth stage	Average water use rate (in/day)	Duration <sup>1</sup> (days)	Water needed to reach stage (inches)	Water needed cumulative (inches)
Emergence (VE)	0.08	0-10	0.8	0.8
4-leaf (V4)	0.10	11-29	1.8	2.6
8-leaf (V8)	0.18	30-46	2.9	5.5
12-leaf (V12)	0.26	47-55	1.8	7.3
Early tassel (R1)	0.32	56-68	3.8	11.1
Silking (R2)	0.32	69-81	3.8	14.9
Blister Kernel (R3)	0.32	82-88	1.9	16.8
Beginning Dent (R4.7)	0.24	89-104	3.8	20.7
Full Dent (R5.5)	0.20	105-125	3.8	24.5
Maturity (R6)	0.10	126-140	1.4	25.9

<sup>1</sup>Long-term average number of days since planting required to progress from the previous growth stage to the next. For example, to go from the blister kernel stage to the beginning dent stage requires approximately 15 days (day 89 to day 104). Days to each growth stage were determined using the Hybrid-Maize Corn Growth Model for the period 1982-2005 at Clay Center, Neb.

### Rainfall

Rainfall received at the Grand Island Field Office since my last report; on June 14<sup>th</sup> .18 inches, June 15<sup>th</sup> .38 inches, June 17<sup>th</sup> .35 inches, and on June 18<sup>th</sup> we received .63 inches of moisture received.

*The following information is provided for Corn emergence dates listed:*

Corn emergence during: May 5<sup>th</sup> to May 15<sup>th</sup>

Water used in the last 2 weeks                      1.51 inches

Projected daily water use                              .18 inches

Corn emergence during: May 16<sup>th</sup> to May 26<sup>th</sup>

Water used in the last 2 weeks                      1.24 inches

Projected daily water use                              .15 inches

*The following information is provided for Soybean emergence dates listed:*

Soybean emergence during: May 16<sup>th</sup> to May 26<sup>th</sup>

Water used in the last 2 weeks                      1.30 inches

Projected daily water use                              .17 inches

Soybean emergence during: May 27<sup>th</sup> to June 6<sup>th</sup>

Water used in the last 2 weeks                      .98 inches

Projected daily water use                              .12 inches

*The following information is provided for Irrigated Grass emergence during: April 15<sup>th</sup>*

Water used in the last 2 weeks                      2.27 inches

Projected daily water use                              .19 inches

Additional ET Information Sites:

KRVN radio broadcasts

KRVN.COM

UNL CropWatch <http://cropwatch.unl.edu/>

Central Platte NRD Webpage: [www.cpnrd.org/](http://www.cpnrd.org/)