

Coming Events

PROGRAM INFO

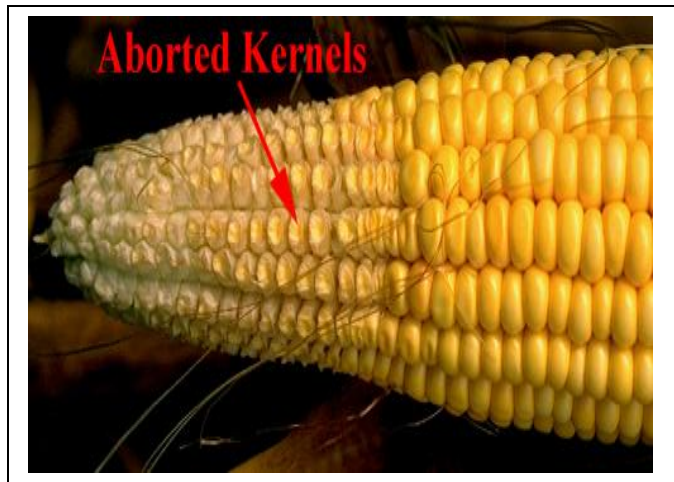
THE NRCS WILL BE ALLOCATING ADDITIONAL AVAILABLE FEDERAL FUNDS THIS SUMMER FOR THE 2015 EQIP SIGNUP.

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 23RD BOARD OF DIRECTORS MEETING
THURSDAY 2:00 PM @ CENTRAL PLATTE NRD OFFICE

YIELD IMPACT AFTER EAR TIPPED BACK



SILK DAMAGE BY ROOTWORM BEETLES



Across the NRD

Stage of Growth

The tassels have emerged and are shedding pollen, this will determine the number of kernels to be developed. The soybeans are at full bloom, with some pods showing up on the lower portion of the plant.

Crop Condition

There are a couple kinds of environmental stress you don't want to show up during pollen shed, moisture stress or insect stress. The extreme temperatures combined with possible moisture stress can desiccate the silks and pollen grains, causing the ears to tip back. The other is insect stress; the Rootworm Beetles will start feeding on the newly emerged silks. If the beetle populations are high enough during pollination, it can impact kernel development and ultimately yields. Temps are out of our control, but we can monitor the beetle populations and then follow UNL's NebGuide recommendations for economic thresholds.

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 ¹ (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

¹Long-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 July 15th we received .28 inches of moisture.

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The following information is provided for Corn emergence dates listed:

Corn emergence during: May 5th to May 15th

Water used in the last week 1.81 inches

Projected daily water use .30 inches

Corn emergence during: May 16th to May 26th

Water used in the last week 1.63 inches

Projected daily water use .28 inches

The following information is provided for Soybean emergence dates listed:

Soybean emergence during: May 16th to May 26th

Water used in the last week 1.68 inches

Projected daily water use .28 inches

Soybean emergence during: May 27th to June 6th

Water used in the last week 1.49 inches

Projected daily water use .26 inches

The following information is provided for Irrigated Grass emergence during: April 15th

Water used in the last week 1.22 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/