

Coming Events

PROGRAM INFO

THE NRCS HAS ALLOCATED ALL AVAILABLE FEDERAL FUNDS FROM THE 2016 FISCAL YEAR EQIP BUDGET.

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 4TH INDEPENDENCE DAY OBSERVED
MONDAY NRD OFFICE & NRCS OFFICE CLOSED

JULY 28TH BOARD OF DIRECTORS MEETING
THURSDAY 2:00 PM @ CENTRAL PLATTE NRD OFFICE

CORN BORER MOTH & EGG MASS



CORN BORER LARVA & SHOT HOLE



Across the NRD

Stage of Growth

The corn has reached the 10-11 leaf growth stage, and the soybean crop has progressed to the beginning bloom stage.

Crop Condition

The recent extreme weather conditions could make for a long summer / irrigation season if they continue through September. Over all the current crop conditions in the state are looking pretty good. Producers with non BT corn planted want to be alert for First Generation European Corn Borer. UNL's recent light trap data shows an increase in moth numbers. Scout for egg masses usually on the backside of the leaf located near the midrib, or plants with shot holes in the leaves from the feeding larvae. Follow UNL's recommendation for acceptable thresholds and then for chemical treatment if this is warranted.

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 June 14th .18 inches of moisture received.

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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 2 weeks 2.54 inches

Projected daily water use .21 inches

Corn emergence during: May 16th to May 26th

Water used in the last 2 weeks 2.11 inches

Projected daily water use .18 inches

The following information is provided for Soybean emergence dates listed:

Soybean emergence during: May 16th to May 26th

Water used in the last 2 weeks 2.21 inches

Projected daily water use .20 inches

Soybean emergence during: May 27th to June 6th

Water used in the last 2 weeks 1.43 inches

Projected daily water use .13 inches

The following information is provided for Irr. Grass emergence: April 15th

Water used in the last 2 weeks 3.46 inches

Projected daily water use .20 inches

Additional ET Information Sites:

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

Central Platte NRD Webpage: www.cpnrd.org/