

## Coming Events

### PROGRAM INFO

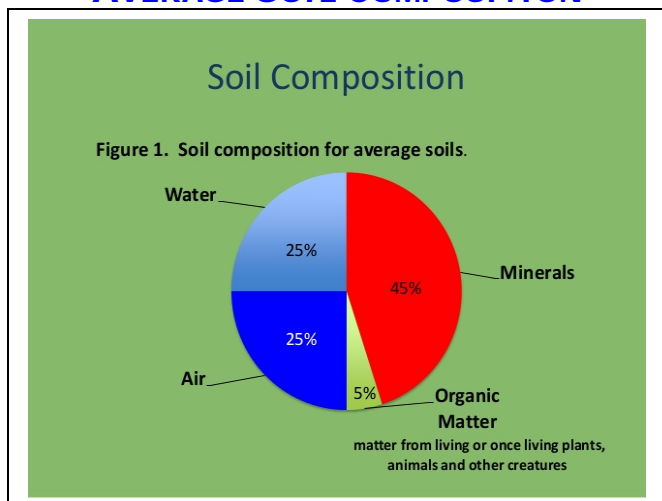
THE NRCS WILL BE ALLOCATING ADDITIONAL AVAILABLE FEDERAL FUNDS THIS SUMMER FOR THE 2015 EQIP SIGNUP.

THE CENTRAL PLATTE NRD HAS RECEIVED AND ALLOCATED THE NEW NSWCP MONEY DURING THE JULY BOARD MEETING. PRODUCERS STILL INTERESTED IN ASSISTANCE SHOULD CONTACT THEIR LOCAL NRCS OFFICE.

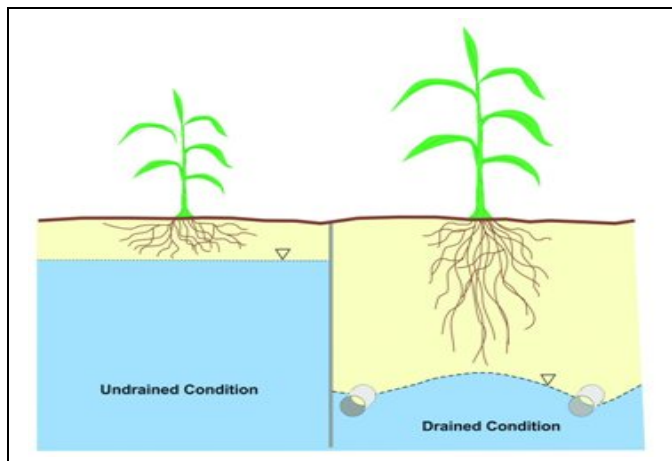
### CALENDAR OF EVENTS

SEPTEMBER 3<sup>RD</sup> BOARD OF DIRECTORS MEETING FOR AUGUST  
THURSDAY 2:00 PM @ CENTRAL PLATTE NRD OFFICE

### AVERAGE SOIL COMPOSITION



### ROOT GROWTH VS WET CONDITIONS



## Across the NRD

### Stage of Growth

The corn crop has reached the milk growth stage. The kernel will display a yellow color on the outside, and the inner fluid is white due to starch accumulating. The soybeans have reached full pod.

### Crop Condition

Plant health, growth, and yields are affected by wet soil condition like over-irrigation. Soil composition is a very important part of healthy soils and plants. Too much water in the soil profile disrupts the oxygen balance, this can drown roots and stress the plant. The reduced oxygen exchange with the atmosphere will limit root development especially in the first and second foot where the majority of nutrients come from. Other affects are root diseases, reduced soil temps slowing root growth, leaching nutrients away from roots, wastes water and energy. Don't cost yourself yields and ultimately money by over-irrigating. One more irrigation for good measure is not always beneficial to yields.

### Irrigation

Growth Stage	Approx. Days To Maturity	Water Use To Maturity
Blister	45	10.5"
Dough	34	7.5"
Beginning Dent	24	5.0"
Full Dent	13	2.5"
Physiological Maturity	0	0.0"
Beginning Pod Fill	29	6.5"
Full Seed	17	3.5"
Beginning Maturity	0	0.0"

### Rainfall

Rainfall received at the Grand Island Field Office since my last report; on July 24<sup>th</sup> we received .60 inches of moisture.

*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 week 2.00 inches

Projected daily water use .33 inches

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

Water used in the last week 2.00 inches

Projected daily water use .33 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 week 2.00 inches

Projected daily water use .33 inches

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

Water used in the last week 1.93 inches

Projected daily water use .33 inches

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

Water used in the last week 1.16 inches

Projected daily water use .18 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/)