

Matt & Ricks Scouting Report from Halstad:

- **Ground Temperature**
 - NDAWN ground temperatures for Ada, MN are 46 degrees for bare soil and 46 degrees for turf (5/4/2010).
 - These temperatures are down from 55 degrees for bare soil and 50 degrees for turf a week ago.
 - This drop in ground temperature has caused both crops and weeds to slow their growth.
- **Moisture**
 - We have received 1.2 inches of rain at the NDAWN site in Ada, which has caused wet conditions to bring field work in the area to a halt.
- **Crops**
 - Wheat is starting to come up and is from emergence to two leaf stage.
 - Some of the corn planted prior to April 20th has emerged. The majority of the corn that has not yet emerged has germinated, but is slow in emergence due to a combination of previously dry conditions and the recent cold weather we have had.
- **Weeds**
 - The weed situation so far has been low and I have mainly seen dandelions and volunteer wheat that was missed during tillage.

Matt

The conditions in the beet fields have been decent, I have seen stand counts up to 180 and have farmers that have fully emerged fields. The rain did help the germination on some of these fields as well as fixing a few of the wheat fields that got put in a day or two early. Weed pressure is light except for some wild oat patches that are thicker, a little heat is going to change the pressure quite a bit.

Rick

Adam & Sarahs Scouting Report from Hillsboro:

Soil Temperatures

- Soil Temps at Hillsboro have dropped to 47 degrees 4" below the soil surface. Crops that are emerging such as corn, sugarbeets, and corn might be taking a little longer at this point.

Spraying in Cold Temperatures

- With the cooler temps, it is important to remember that certain chemicals may act differently than what we would expect at “normal” temperatures. Some chemicals are less active in cooler temps, such as Roundup and others are more active at cooler temps, like Puma. Side effects of spraying when it is cool could include reduced weed control and/or crop injury.
- Consult with an agronomist about spraying during cool temperatures. They can help you understand the risks of the pesticide that you wish to use, help tweak the recommendation so that it works better in that situation, and alert you to the risks involved with such an application

Pre-emerge Herbicide on Corn

- We have had a perfect rain for activating our pre-emerge herbicides on our corn. They should be activated and working well.

Overall Field Conditions/Crop Growth

- With the drop in air temperature and soil temperature it seems like plant growth has slowed a bit. Overall the conditions of the fields and the crops are very good. We had excellent seed beds for our early season crops and they are still in great shape. It has been wet, but the soil is not completely saturated. Also, with these cooler temperatures and cloud cover, we have not had any issues with crusting.
- While we are all hoping for warmer weather, the fields are in pretty nice shape!

Sarah

Sugarbeet Stands

Seeing very good numbers for stand counts. Earlier planted fields are 200+. Later planted fields are around 80-140.

Did see some wind damage but was not severe.

Weed Pressure

There are some fields with weeds beginning to emerge. Dandelions look like they could be the biggest problem in some fields early on in the spray season.

Adam