

Sarah's Scouting Report 4/28/10

- **Ground Temperatures are warm.**
 - NDAWN measures Ground Temp at a 4" depth in 2 places
 - Under bare black soil because sun on black can cause these soils to be warmer than under a lot of residue
 - Under turf which simulate soils with a lot of residue on them
 - Soil Temps are currently (as of 4/27/10) 60 degrees under bare, black soils, and under the turf they are 51 degrees
 - At these temperatures, seeds are germinating rapidly. The corn, wheat, and sugarbeets are germinating rapidly. Some sugarbeets have emerged.

- **Winter Wheat-**
 - Seems as though winter survival was very good. If there is damage in the fields at this point, it seems to be from drown-out from wet conditions last fall.
 - Because there hasn't been any significant precipitation at this point, there are not a lot of weeds that have emerged in these fields yet. The weeds that are in these fields tend to be perennials or winter annuals, such as Shepherd's Purse and Dandelion. The populations of these weeds tend to be rather low in the fields with "clean" weed histories. With the good stands and spring regrowth going well, the winter wheat has a great opportunity to shade out some of the weed competition that should emerge after the forecasted rain for the weekend. If all goes well, I would assume that within 1-2 weeks we should have a lot of the winter wheat sprayed.
 - When it comes time to spray winter wheat for weeds, it is recommended to use a fungicide in the application. Generally speaking, winter wheat is not as hardy as spring wheat when it comes to diseases and it is too early to know what type of weather we will have to affect leaf disease development. It is a good hedge to put a fungicide in with the herbicide application.