

INSIDE THIS ISSUE

PG. 2

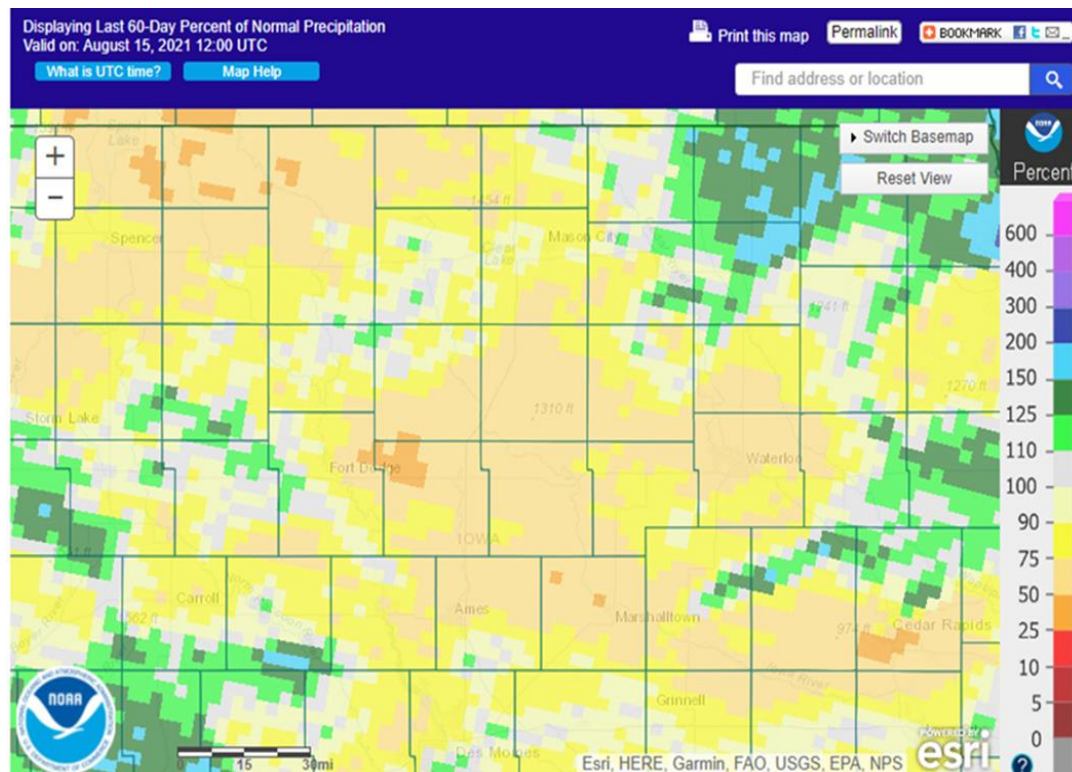
Corn on Corn, Imagery Update

PG. 3

Test Plot Yield Check

PG. 4

White Mold, SDS



DROUGHT CONCERNS - AGAIN

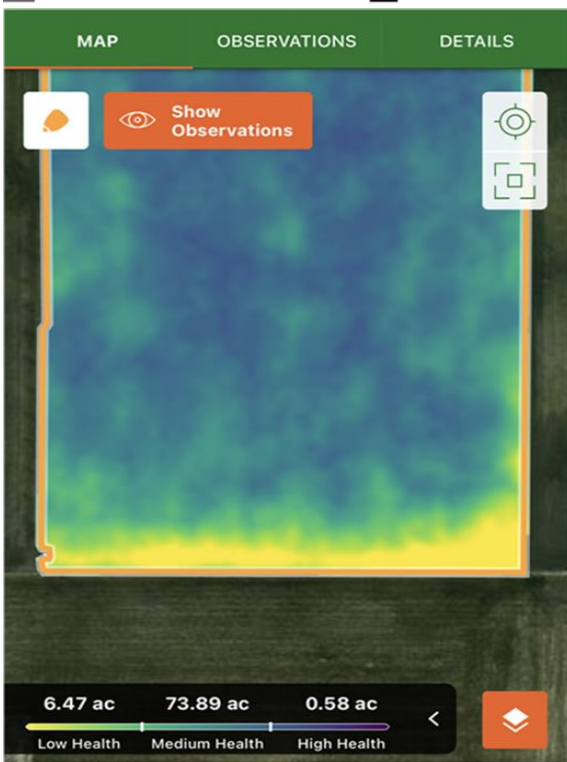
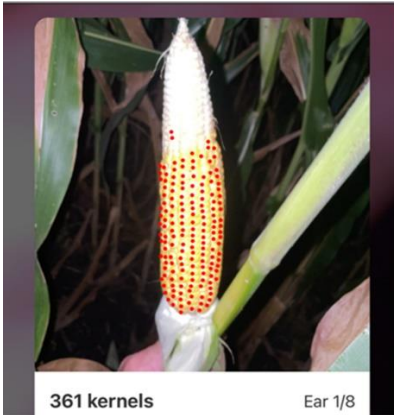
ARTICLES BY ALEX WOODALL AND THE PIONEER AGRONOMY TEAM

The image above is the last 60 day percent of normal precipitation. The rainfall patterns have been extremely variable across the area. In this area, north of Highway 3 has seen some decent rains and crops are for the most part holding in there. West and South of Eagle Grove has seen less rain but still caught a few timely showers so while some is burning up, a lot of the crop is still going to be decent. Southeast of Eagle Grove is getting bad, it seems every rain that has come this way has somehow missed that area.



Corn on Corn Update

Corn on rotated ground in the driest areas looks reasonably good yet for ear size. **More ear size and kernel number variability is noticed in corn on corn fields from the dry areas** per the images to the left.



Now that the smoke is cleared the last few days, **the blue skies have fared well for high quality Vegetation Index Images in Pioneer Seeds and Granular Insights.** Make sure to check those recent images out!!! **The 'Edge Effect' is in full force this year again.** This field is bordered by soybeans to the south.



With the Pioneer Seeds app, I decided to go through the plot and run some yield estimates on most of the varieties. Here are the results:

P9823Q (NEW) – 177.9

P0075Q – 211.1

P0220Q-177.8

P0339Q-183.5

P0404Q (NEW)-199.0

DKC54-64RIB-197.8

P0421AM-177.8

P0622Q-204.2

P0688AM-209.9

P0595AM-160.7

P0924Q (NEW) –221.5

P0947Q (NEW)-192.3

P0953AM (NEW)-183.1

P1082AM-177.3

P1093Q-246.7

P1185Q-239.8

P1366Q-224.2



White Mold

I heard of several observations of White Mold over the past week. **Some of the soybean canopies are impressive this year thanks to our early planting dates thus providing a lot of shade to help foster White Mold.** Might be good to check on those historically bad white mold fields.



Have also been getting observations of SDS (Sudden Death Syndrome) across NC IA. Even been seeing some minor SDS in areas with lower rainfall accumulations. Compare varietal tolerances along with if the field was treated with ILEVO.



Corn Earworm

We have seen some minor corn earworm damage in certain fields, usually in the early silk CRM hybrids.

Corn Earworm

- Not much to be done at this point. AcreMax is labeled for suppression but not control (below are images of an AM hybrid from last week that I found).
- Remember you should only find 1 earworm per plant (if not it could be Western Bean Cutworm)

Soybean Standability

Some soybean fields have recently begun to be noticeably lodged. The attached Crop Focus provides a quick summary on the timing and environmental factors associated with soybean lodging. **Pioneer has an excellent screening program for harvest standability with soybeans and we provide those ratings in our seed guides.**

Lodging can decrease soybean yields by up to 10%. This is primarily a problem in high-yielding soybeans

Timing of Lodging

- Simulated lodging studies have shown that lodging before R2 (full flowering) does not significantly impact yield because soybean branches take on main stem characteristics.
- Lodging from R3 (beginning pod) to R5 (beginning seed) has been shown to have the greatest impact on yield.

Lodging from R6 (full seed) to maturity impacts yield to a lesser degree, but can have negative impacts on harvestability

