



Welcome!

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Welcome to the AgCESS newsletter, we plan on keeping you updated on the newest technologies in agriculture, informing you of the upcoming events within Ag Partners, and keeping you updated on local agronomic trends. AgCESS is Ag Partners' grower focused brand designed to give producers access to the latest decision-making tools to create success through new innovations.

Ask Your Agronomist: Matt McReil

The calendar tells us that the first official day of summer is June 20. Given the current heat wave, I have a theory the Canadians chose that particular day. Summer arrived like we walked into a sauna, and in an unnecessary repeat of last year, we can't seem to buy a rain in June.

The corn is particularly showing the effects of the recent temperatures. However, we do run into a common confusion of stress this time of year. Drought stress and heat stress have the same symptoms, rolled up leaves, pale leaf color, and a fairly bendable stalk. Stress is never good for corn; it's always chipping away at yield. This time, we are experiencing heat stress.

After pulling soil samples, we have 80% soil moisture at an eight-inch depth. The moisture content between one and two feet is 85% moisture, which is ideal. The active root zone is between 6 and 24 inches at V8, directly in the moisture. Every morning that the corn looks normal again, we can relax a little knowing the plants recharged their water supply overnight. We still need timely rains, but in the near future, a cold front would improve the stress level of the crops.

Field Monitoring Tool (R7[®] Tool)

The R7[®] Field Monitoring Tool strengthens our ability to proactively manage your fields, helping to preserve your yield potential. R7[®] uses satellite imagery to help growers and agronomists view field maps and other information such as the Normalized Difference Vegetation Index. The NDVI mass of your field is compared to other fields with the same maturity to detect diseases, nutrient deficiencies, and insect pressure.



For more information on how this tool can optimize your yield potential talk with your agronomist.

Answer Plot Recap

On June 7th, we held our first Answer Plot to discuss information and observations relating to current issues in the field. Our highly anticipated AgCESS brand was introduced by showing the positive impact it will have on our customers. Technology is an ever-growing role in production agriculture, and our goal is to be at the forefront. Clayton gave a presentation of the R7[®] Tool and Climate FieldView while explaining the Dual Hybrid Planter demonstration in the field surrounding the Answer Plot.

While going through the plots, it was clear that planting depth and starter treatments can have significant effects to early season vigor and stand consistency. We also addressed the weather events regarding soil fertility and plant vigor. With the cool, wet weather we've been having, top dressing corn appears to be prominent again this year. We've lost some nitrogen due to denitrification and leaching from the moisture, and some has been lost due to volatilization from going too early last Fall. Sulfur and micronutrients are other fertility issues that can be addressed while top dressing based off tissue sampling results.

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