

June 29, 2018

*“Accessing Innovation”*

## An Agronomist’s Field View: Levi Lehmkuhl

**Corn:** It's beginning to look a lot like tassel time around the area, and as summer continues to progress, there are other considerations accompanying the shift in seasons. While we like to look at the bigger picture of fields as a whole, it's also vital to get a closer perspective of the plants themselves to ensure they're getting all the essential nutrients necessary. With the warm temperatures and moisture, the onset for disease will be on the rise as we have already started to see some disease show up – though so far at a very low pressure. This can mean proactively applying fungicide, but only after fields have fully tasseled. Nonetheless, planning ahead can be more than beneficial for your operation, meanings opportunity for higher return on investment.

**Beans:** Soybeans are continuing to flower in most fields, and are progressively getting bigger with the moisture we've been receiving, which has aided their growth and potential immensely. As fields are being sprayed, it is imperative to be on the lookout for volunteer corn. I have seen quite a few fields that have already been sprayed with volunteer corn killer, but the corn has still persisted. After looking into

realized we had indeed of volunteer corn, but we

**Pictured right:**  
Dead volunteer corn (circled in red). Beside the circle, 2nd flush is shown.



the problem further, we killed the very first round were then finding the second growth (see photos).

## Evaluating Field Monitoring Trends & Reports: Clayton Hora

As the crops continue to put on more growth through the rising heat and moisture sprinkled here and there, WinField's FMT or **Field Monitoring Tool** continues to collect data through satellite imagery. The significance of the visual data has been displaying some different trends compared to last year's growing season. As a refresher, the FMT tool compares fields with similar maturities and planting dates and measures the accumulation of biomass within a field. As mentioned above, the data comes from low-resolution satellites that fly over fields almost daily, monitoring crops. Last year most of the fields trending down were found West of Highway 75 in locations with less forgiving soil. At this point in the year there are more fields trending downward than last year at this time, however, the downward fields are more evenly spread throughout the region. This tells me that the rains we've been receiving are enough to allow our fields to survive until the next precipitation. We aren't seeing separation between fields as was common the previous year, but water remains the biggest limiting factor for our growing season.

Also, we are starting to put together **FMT Region updates** so you can see how your area is tracking and compare your region to others. If you have any questions on the Field Monitoring Tool from navigating to what something means, please reach out to your agronomist or myself and we would be happy to help!



**Photo of the Week:**  
This week's photo features a sunrise over Hiawatha from the Answer Plot earlier in June.

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