Driving Decisions Newsletter

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app.Cropintel.ca

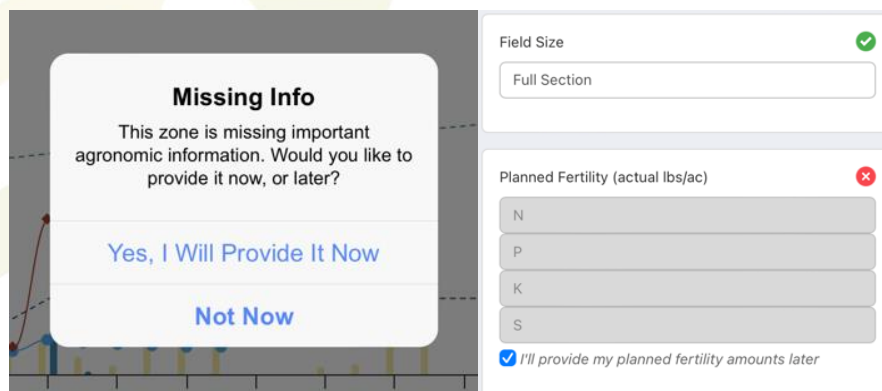## 2023 Crop Intelligence Summit - Dec 13-14 in Regina

This year's Summit will feature important learnings from Crop Intelligence data, partnerships, and trials, and how it continues to be the leading force for data-driven insights, both in dryland and irrigation acres. Aside from a fantastic line up of keynote and breakout session speakers, we are excited to have Minister Marit welcome our guests to our first ever banquet! And practice makes perfect in our Farmgate, Crop Intelligence, and Advanced Agronomy workshops, where everyone is encouraged to bring their devices to work through the data.

Optimizing Crop Intelligence Data

With over 5500+ site years of data, the connections and insights between water, agronomy, and yield grow every year. Entering agronomic and harvest data is important to these insights and development in our system, but also for consulting with vendors and customers at meetings and events like Summit.

Agronomic Data

During the onboarding process, the system asks for variety, field size, planned fertility, residual nitrogen and organic matter ratings, and provides an option to add a soil test PDF. If any agronomic data is missing, a reminder will appear before the yield potential graph on the app.

While agronomic data does not directly impact the Water Driven Yield Potential algorithm; it is important to the understanding of yield and water use at the end of the year. Diving deeper into plant nutrition and optimizing fertilizer can help increase root development and water uptake in the plant. This is particularly important under stressed conditions, like drought and heat as the plant needs water to cool as well as grow.

Harvest Data

The last piece of the puzzle, harvest data is critical to the further understanding of WDYP on the farm. Harvest data (termination method and date, harvest date, probe area yield, field yield can be entered on our website or on the app. Harvest data is private to you, Crop Intelligence, and your Crop Intelligence vendor and is only used to **validate site selection, optimize settings for your field, and provide feedback** into our system.

For example, if the yield by the probe was not within 10% of the field average, outside of significant external influences like hail, it is likely the probe location in the field is not the most representative. Additionally, building regional settings for crops or site-specific farm settings can only be done once there was enough yield data to confidently adjust management factors.

For both the app and website:

1. Click on the zone and go to the 'Yield Potential' graph.
2. At the bottom, click 'Enter Harvest Data'.
3. Enter the season end method and date, harvest date, probe yield, and field yield. Click 'Save Harvest Data' to store it in the system. You can go back as needed to add information or adjust data.

If you have not entered your agronomy or harvest data, take time to enter it over the winter break. We look forward to making the most of the information at Summit and customer visits over winter.

Have questions? Reach out to your Crop Intelligence partner for more information or email us at info@cropintel.ca.