In addition to **AGMRI Insights** for in-season decisions, learn what's new for the 2024 crop season with **AGMRI Analyze.**

What is AGMRI Analyze?
An analytics suite with the complete analytics package that measures a variety of factors to provide a fresh perspective of **1.) areas that may have impacted yield,** and **2.) help inform data-driven decisions for future crop seasons. Analyze** combines AGMRI insights, machine data, weather data, and soil information into a comprehensive set of reports.

Potential Yield Impact	Description
Emergence	Measures the entire field for emergence and can correlate actual emergence to factors to help understand how well hybrids performed and what impacted emergence and yield. **Key Data Provided:** ● Emergence % = Emerged Plants/Planted Seeds ● Yield/1000 Plants = Yield/1000 Emerged Plants
Nutrient Availability	Reports on areas of the field experiencing a nutrient deficiency to understand the impact and prioritize corrective action for the next year's crop. **Key Data Provided:** ● Area Impacted by Nutrient Deficiency ● Yield of Nutrient Deficiency Area vs Rest
Crop Stress	Monitors yield loss from stress during the vegetative and reproductive stages. Helps manage compaction, drainage, and hybrid placement. **Key Data Provided:** ● Crop Vigor at Key Growth Stages
Disease	Provides early indication of fields with the potential for disease based on our thermal scan and proprietary algorithms. Beyond the season, helps identify what worked best to mitigate disease. **Key Data Provided:** ● Area Impacted by Disease Risk ● Fungicide Timing Impact on Risk Mitigation ● Hybrid/Variety Disease Tolerance
Hybrid & Variety	Monitors crop performance during the season and provides crop health analytics to stay ahead of issues. Helps review hybrid/variety performance to make sound hybrid decisions going forward. **Key Data Provided:** ● Emergence by Hybrid/Variety ● Yield by Hybrid/Variety ● Nutrient Deficiency by Hybrid/Variety ● Disease by Hybrid/Variety ● Planting Rate to Yield by Hybrid/Variety ● Yield by Hybrid/Variety by Planting Date

Weather	Provides insights on how the crop is performing to make decisions on needed adjustments during the season. Beyond the season, insights show how weather may have impacted fields. **Key Data Provided:** ● Yield by Seasonal Rainfall ● Yield by Rainfall per Vegetative Stage ● Emergence by Rainfall and Slope During Planting Window ● Disease Impact by Rainfall ● Emergence by Soil Temperature ● Crop Health by Soil Temperature at Planting ● Planting Date to Yield
Soil	Helps understand how different soil conditions impact yield through additional analytics to make data-driven decisions on hybrid/variety placement and timing. **Key Data Provided:** ● Yield by Hybrid/Variety and Soil Type ● Yield by Hybrid/Variety and Soil Slope ● Emergence by Hybrid/Variety and Soil Type and Slope ● Yield by Rainfall and Soil
Machine	Shows how planting speed, tillage, planting date, and more help make the best decision on management practices for planting. **Key Data Provided:** ● Emergence by Planting Speed ● Yield by Planting Date ● Emergence by Tillage Depth/Speed
Crop Input Product Performance	Highlights situations where product applied performed well and where it didn't to make better decisions to yield a positive ROI. **Key Data Provided:** ● Yield by Product ● Yield by Product and Weather ● Yield by Product and Soil Type ● Emergence by Product ● Crop Health by Product ● Yield by Hybrid/Variety by Product

To learn more about AGMRI, request a demo, or sign up for this crop season:
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