

Key Highlights

Assess Replant Opportunity

AGMRI helped a grower identify replant opportunities in disparate areas across a field.

Data-Driven Decisions

AGMRI tools provide insights into total replant opportunity that may not be captured by a field walk, particularly in a case such as this field where elevation differences make it difficult to see difficult to see problems from ground level.

ROI Assessment

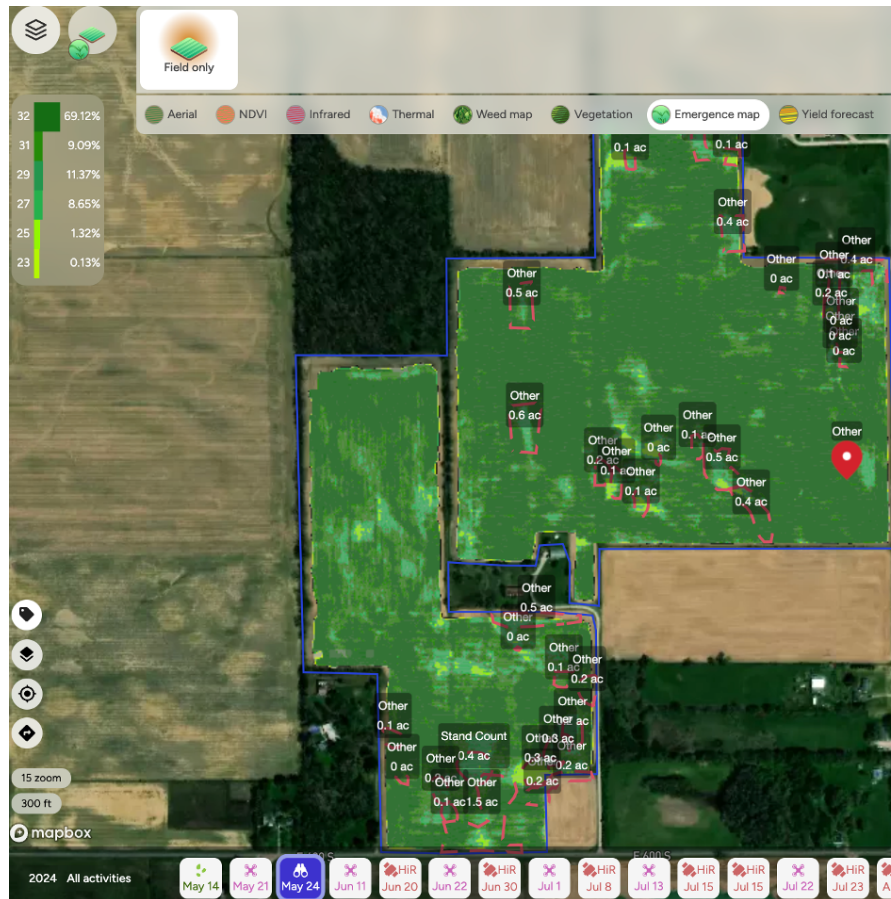
Without intervention, the farmer risked having 21% of the field suffer from inadequate emergence, which would drastically reduce his yield and impact his overall ROI for the year.

Replant Opportunity

Early Detection of Replant Opportunities with AGMRI Saves Yield Potential

Background:

A crop consultant in central Indiana encountered an early-season challenge due to increased rainfall on his own farm. Balancing his farming duties with customer service required him to manage his time efficiently. As the busy season unfolded, he had to oversee his farm and his customers' needs during this particularly wet time. The relentless rain created conditions that impeded seed emergence, caused washouts, and extended the planting season. Widespread replanting in his area also meant that his customers required extra support. Fortunately, he had an effective method for assessing the extent of the issues, allowing him to quickly identify the areas needing replanting and focus his efforts on assisting his customers.



The bare spots were not isolated to specific areas, so the grower would have to walk the entire field to accurately make a replant decision without AGMRI.



Early Detection of Replant Opportunities with AGMRI Saves Yield Potential



Challenge:

Using AGMRI's emergence map, the farmer visualized areas of poor or no emergence by June 11. This situation was difficult due to ditches, waterways, and varying topography. Relying solely on a topographic map could have led him to incorrect conclusions about where replanting was necessary while potentially overlooking critical areas.

Without intervention, the farmer risked having 21% of the field suffer from inadequate emergence, which would drastically reduce his yield and impact his overall ROI for the year. The urgency of the situation and the tight schedule meant he needed a dependable data source to inform his replanting decisions quickly.

Solution:

The farmer successfully replanted the identified areas, ensuring a stronger stand and significantly improving his yield potential. Reflecting on the experience, he remarked, "AGMRI's data allowed me to make informed decisions quickly, even during the busiest time of year. Without that insight, I would have risked a major loss in yield."

Moving forward, the farmer plans to continue leveraging AGMRI's analytics to enhance his crop management strategies. The efficiency gained from using data-driven insights will not only improve his productivity but also strengthen his decision-making for future planting seasons.

Results:

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