

Key Highlights

One Day to a Plan, the Next in the Ground

The field was diagnosed and an Rx map built on June 2; replanting happened June 3.

Knew Which Fields and Pockets Came First

With several fields hit by the same weather, the Rx map turned “where do we start?” into a ranked, acre-level plan.

Turned a Write-Off into a Forecasted Crop

Roughly 60 acres went from a projected 0 bu/ac to a 60+ bu/ac forecast, about \$160/ac of recovered opportunity.

Soybean Replant

Spotting in Soybeans with an AI Rx Map

Background:

After a stop-and-start planting season, a row-crop grower used AGMRI analytics, ground-truth scouting, and the AGMRI AI tool to build a replant prescription overnight, recovering roughly 60 acres that had been written off and lifting one 219-acre field's forecast by about 16 bu/acre.

This multi-generational operation runs corn and soybeans and is built around efficiency, getting the most out of every pass, acre, and hour. They plant early most years, and for several springs running the weather has been wet; this year was no exception. Two seasons into using the platform, they ran early-season replant recommendations through it.



Thin, patchy soybean emergence after a wet, stop-and-start spring: acres headed toward near-zero yield without a replant.

Challenge:

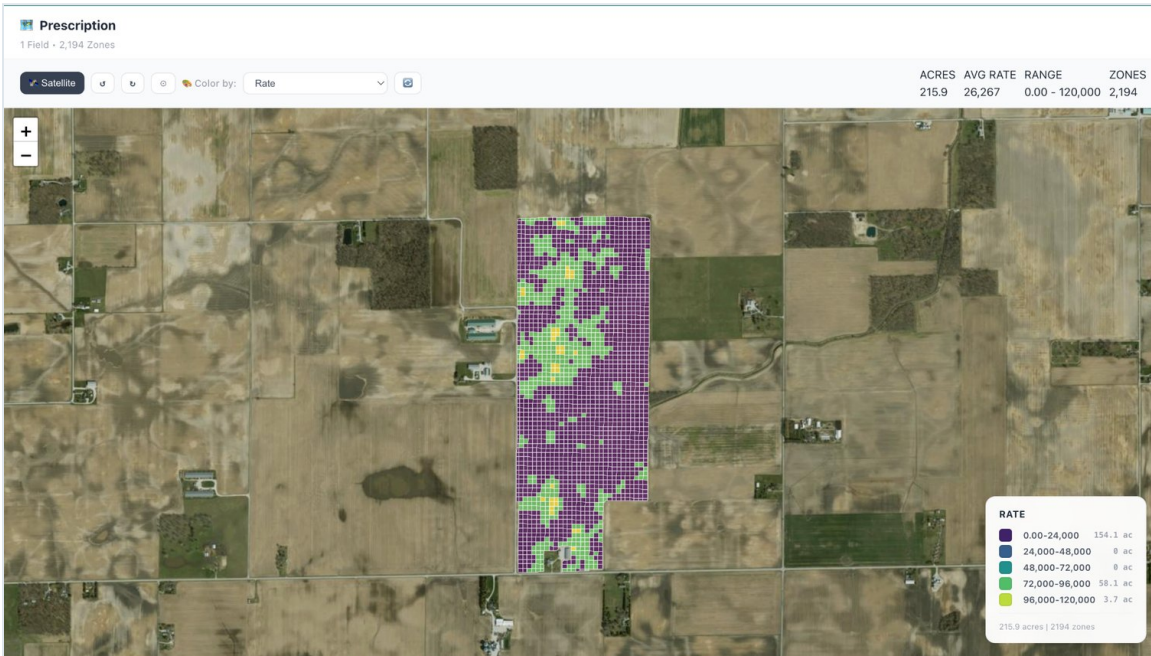
The 2026 early season was a roller coaster: beans planted early, then heavy rain, a stretch of hot weather, then more rain. By the time it cooperated, the window to replant was narrow. For this grower, the hard part isn't the decision to replant; it's the logistics. With several fields hit by the same weather, they needed fast answers to three questions: where to go first, how much seed to order, and which fields were the priority. Guess wrong during a tight window and you burn time driving to the wrong fields or run short on seed where it matters most, and unaddressed acres faced near-zero yield.

Diagnosed and an Rx map built on June 2. Replanted June 3: one day to a plan, the next day in the ground.

Spotting in Soybeans with an AI Rx Map

Solution:

The team started on the ground, visiting an affected field to build a baseline, dropping scouting pins and confirming what the AGMRI imagery was actually showing, so the map patterns matched what was happening in the dirt. They then applied that same logic across the affected fields: once they knew what a problem pocket looked like in the imagery, they could find the same signature everywhere without walking every acre.



The AI-built replant prescription: an acre-level, variable-rate Rx map that ranked which pockets to replant and sized the seed order.

From there, they took that field knowledge to the AGMRI AI tool, feeding it what the scouting and analytics had established and asking it to generate a replant Rx map. After a couple of iterations, they had a plan to replant the specific pockets that needed it across a handful of fields. The whole loop of diagnose, build the Rx, and refine happened June 2; the fields were replanted June 3.

Results:

On one 219-acre field, the plan let the grower spot-replant roughly 60 acres that otherwise would have produced almost nothing, moving those acres from a projected 0 bu/ac toward a 60+ bu/ac forecast. Across the whole field that's about a 16.4 bu/ac increase, or roughly \$160/ac of recovered opportunity before input cost.

Just as important during a compressed window, the Rx map let the crew prioritize the right acres in the right order and size the seed order to match, rather than reacting field by field.

~60 ac SPOT-REPLANTED (FROM ~0 BU/AC)	+16.4 bu/ac WHOLE-FIELD FORECAST LIFT	~\$160/ac RECOVERED OPPORTUNITY
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