

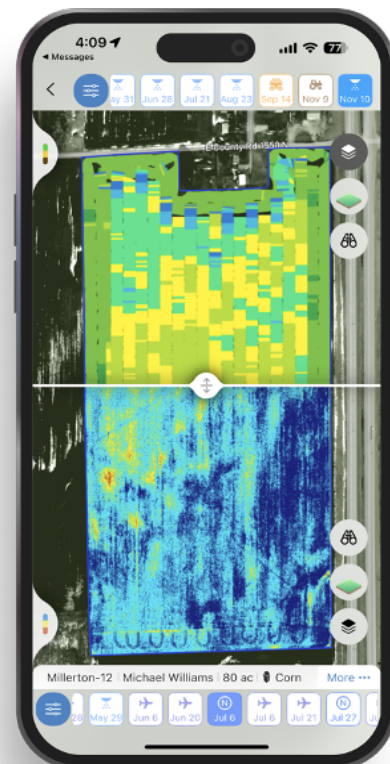
Nitrogen Management



What is NVision?


Developed from years of nitrogen research at the University of Missouri, NVision is an add-on capability to the full-season AGMRI package, designed to track and evaluate nitrogen management.

What does NVision do?

- Provides insights into potential corn yield loss due to nitrogen deficiency.
- Generates fertilizer prescriptions with clear economic outcomes.
- Delivers trusted, real-time insights to move from analysis → action with confidence.
- Helps you understand your fields' nitrogen use by showing how application method and environmental factors lead to nitrogen loss and limiting factors that prevent uptake.



Millerton-12 
 Micheal Williams
 72.8 ac | 4/15 | Corn
 7/6, 9:34 AM | Event GDD: 1467 | 9131J7BVB 
 #Priority25

Base map from
 7/6, 9:34 AM 9EZTMP1IE 

Est. yield loss due to N deficiency

Corn price
 \$5

Avg. yield loss 13.7 Bu/ac	Total yield loss 996.5 Bu
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Avg. \$ loss per acre \$68.4	Total \$ loss \$4,982.5
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Summary statistics

Avg. nitrogen rate 21.8 lbs N/ac	Total nitrogen 1,585.2 lbs N
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How does NVision work?

- Monitors the corn crop during key growth stages (V8/hip-high to R2/blister, ~800–2000 GDD; N application during these stages may be beneficial)
- Estimates:
 - Yield loss from Nitrogen deficiency
 - Dollar loss per acre
 - Fertilizer cost scenarios
- User inputs: application type, N product, rate, and monitor type
- Outputs: prescription maps + economic readout
- Automatically enables the creation of an **N application pass** in AGMRI





Why NVision?

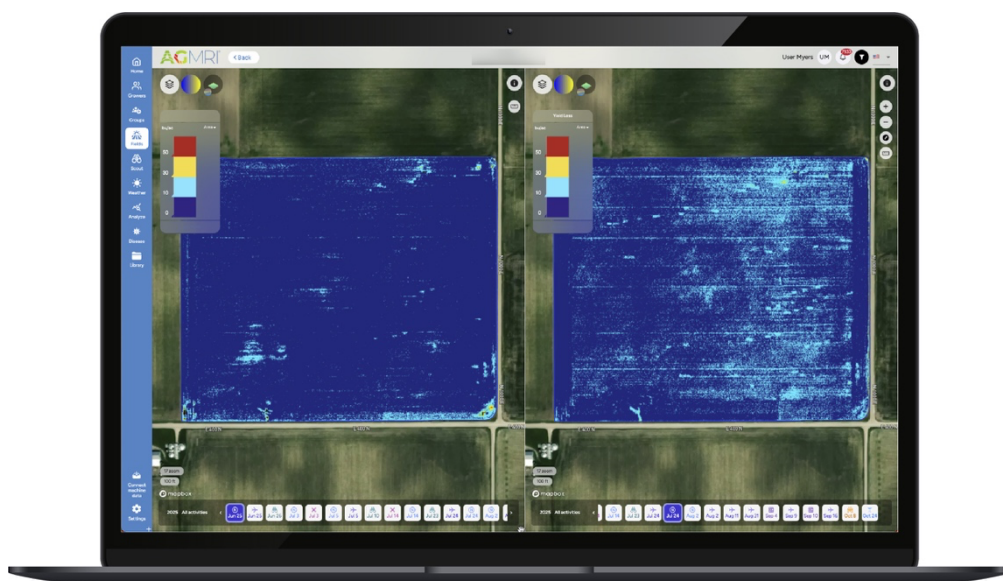
- **Direct integration** with AGMRI imagery—NVision doesn't require external inputs.
- Moves **from insight to action** seamlessly, all in one platform.
- Enables **tailored management**: customize N passes to fit grower preferences.

NVision Offers Customizable & Variable Rate Capabilities

- Offers **full control** over:
 - Application zones
 - Rate thresholds
 - Product types and rates
- Supports **variable rate scripting**, making recommendations economically and agronomically efficient.
- Files are exportable for **in-field execution**

NVision is a Perfect Complement to AGMRI

- Bridges the gap between **diagnostics and decision-making**
- Leverages AGMRI's imagery to **pinpoint variability** and NVision to **respond with precision**
- Supports in-season decision-making with **real-time intelligence**
- Provides **season lookback opportunities** to evaluate nitrogen stabilization



June 25, 2025, and July 24, 2025, NVision maps - Nitrogen loss throughout the growing season due to not using stabilizer.



To learn more about AGMRI, request a demo, or sign up for this crop season, visit intelinair.com or contact us at sales@intelinair.com.

