Turn Disease Uncertainty into Actionable Insights

Disease pressure can escalate quickly and vary significantly by field. Without timely, field-specific insights, fungicide decisions are often reactive—resulting in unnecessary applications, missed spray windows, or compromised yield potential.

Predictive, Field-Level Disease Intelligence

The **Predictive Disease** module delivers accurate, disease-specific risk levels for corn and soybeans at the field level, enabling timely fungicide decisions before disease impacts crop health and yield.

Insights That Inform Fungicide Decisions

- Ranked, disease-specific risk levels at the field level.
- Early warnings that support preventative management.
- Field-level visibility across your entire operation.
- Protected field status once a fungicide application is recorded – the module accounts for fungicide protection windows as specified on individual product labels.

Low | Medium low | Medium | Medium high | High | Protected 19 days

How It Works

The Predictive Disease module continuously analyzes field-level details and disease-favorable weather patterns.

Using advanced predictive analytics, the model evaluates crop growth stage, local weather patterns, hybrid or variety data, and key environmental risk factors to forecast disease pressure at critical points throughout the season. Real-time alerts surface fields with rising disease pressure, allowing you to prioritize action where it matters most.

Monitored Diseases

Gray Leaf Spot | Northern Corn Leaf Blight | Tar Spot | Frogeye Leaf Spot | Septoria Brown Spot | Target Spot
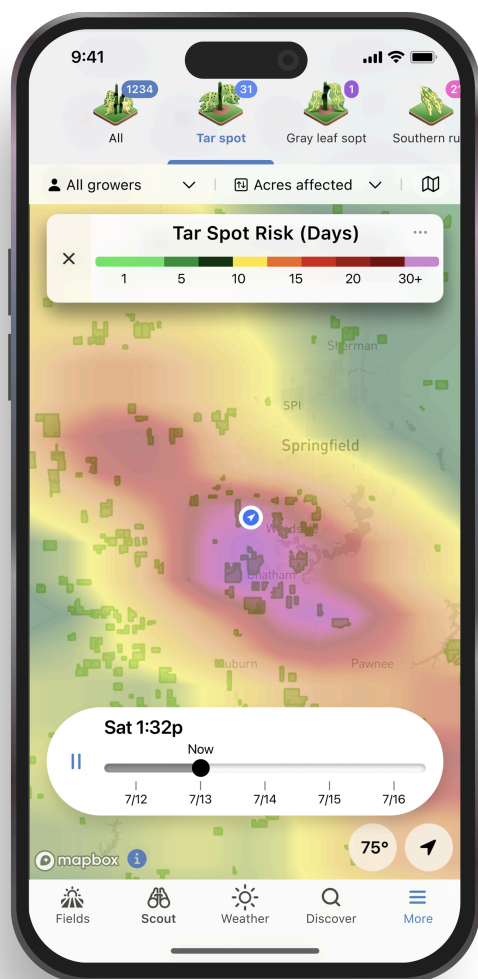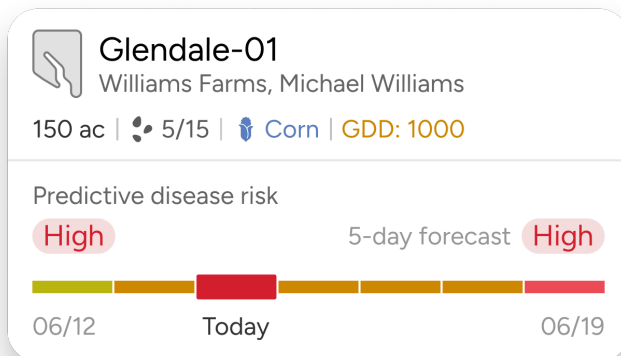
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What This Means for Your Operation

Disease Forecast & Spray-Timing Intelligence
Predictive Disease includes built-in spray-timing intelligence that **identifies optimal fungicide application windows** based on current disease risk, short-term forecasts, and disease-favorable conditions.

A built-in **5-day disease outlook** helps answer one of the most important in-season questions: *"Is now the right time to spray?"* This allows you to time applications more precisely and protect yield potential when disease risk is highest.

Glendale-01
Williams Farms, Michael Williams
150 ac | 5/15 | Corn | GDD: 1000

Predictive disease risk
High — 5-day forecast High
06/12 — Today — 06/19

Regional Disease Risk Accumulation

In addition to field-level insights, the Predictive Disease module provides visibility into broader **regional disease pressure** throughout the season:
• **Daily disease risk tracking** beginning June 1
• **Risk accumulation by disease** as weather conditions evolve
• **Seasonal playback** to visualize how disease pressure built over time

Start Seeing Value This Season

1. **Sign up for Predictive Disease** through your territory manager.
2. **Enter the following required field-level details** to activate the Predictive Disease model:
   • Crop type
   • Planting date
   • Hybrid or variety name(s)
   • Prior season crop type
   • Tillage type
   • Yield expectation
3. **Monitor disease risk throughout the season** and apply fungicide based on risk forecast and spray-timing insights.

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