



*Note the areas of red indicating the potential for crop disease given the cloudy red, wispy pattern.*

## What is the Thermal layer?

The thermal layer provides detailed temperature maps of fields by capturing and displaying the heat emitted by plants and soil rather than visible light.

## How does it work?

This information is used to monitor crop health, optimize irrigation, detect the potential for diseases early, and manage resources more efficiently. Warmer areas might indicate plant stress, water deficiency, or early signs of crop diseases, while cooler areas can signal healthy, well-irrigated crops. Infected plants often show temperature anomalies, allowing for timely intervention.

## What insights are provided?

This layer is most useful around tassel time and fungicide season when a field presents hotter areas. These “hot spots” have the potential to be an early indicator of disease and often correlate to a need for a fungicide application. Scouting these hot spots may lead to taking action to manage crop disease before it significantly impacts yield potential.

## How do I find it?

To access the thermal layer in AGMRI, click the layer button (🌐), then select thermal.

To learn more about AGMRI, request a demo, or sign up for this crop season, visit [intelinair.com](http://intelinair.com) or contact us at [sales@intelinair.com](mailto:sales@intelinair.com).

