

# CERES IMAGING FOR POTATOES



We're the provider of choice for growers who prioritize quality and sustainability. Make **better and faster decisions** by optimizing your potato field performance with actionable insights and quantifiable improvements.

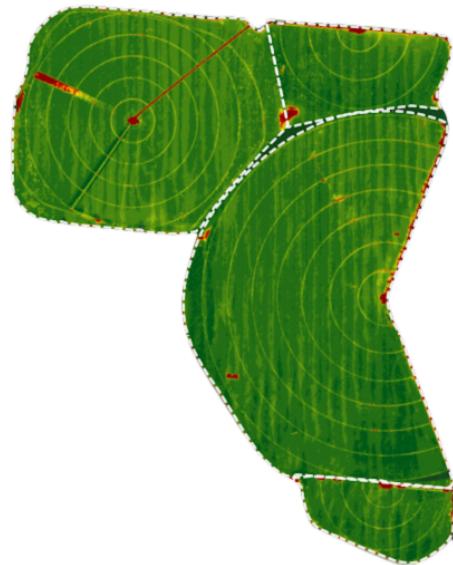
## Chlorophyll

While traditional NDVI imagery measures canopy density, the next-generation Chlorophyll Index assesses canopy quality offering an accurate representation of plant health throughout the season. It's a powerful resource for nutrient management, both for in-season adjustments and season-to-season planning.



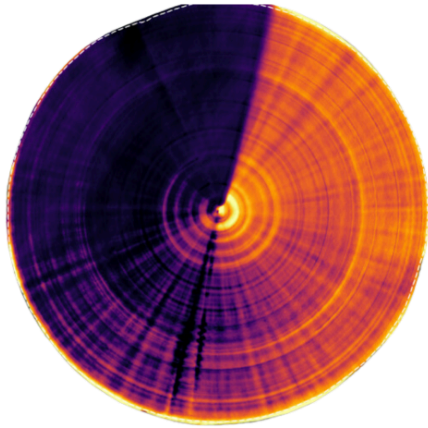
## NDVI

Our attention to detail makes our delivery of the Normalized Difference Vegetation Index (NDVI) best in class. Used in isolation or alongside Ceres Imaging's proprietary Chlorophyll Index, NDVI is a long-trusted resource for growers assessing crop canopy vigor.



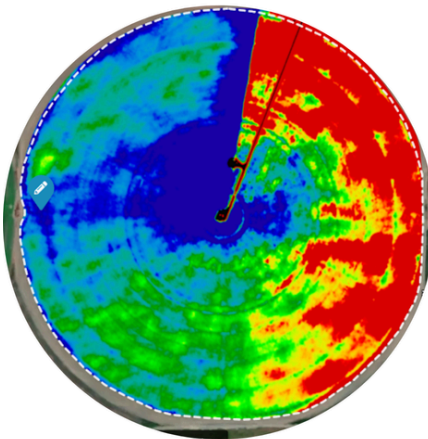
# Make the most from every acre

Scientific-grade imagery allows Ceres Imaging to offer timely insights on the health of your crop so you can protect your bottom line.



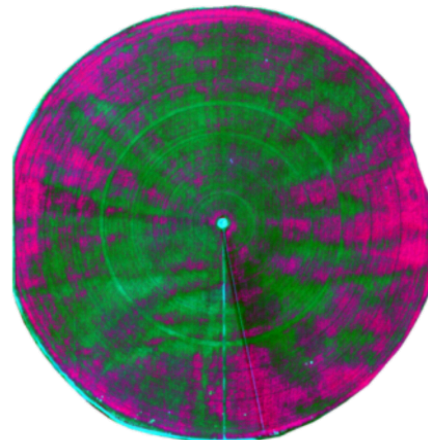
## Thermal

Using the most accurate thermal cameras available for agriculture, Ceres Imaging measures the heat emitted from areas of a row crop canopy. Unlike similar products derived from satellite data, our scientific-grade imagery reveals plant health issues before they're visible to field scouts and before damage impacts the grower's bottom line.



## Water Stress

Unlike traditional imagery which reveals the impact of irrigation issues only after the fact, Ceres Imaging's Water Stress Index provides a precise and accurate measure of crop stress in real time. We combine proprietary crop models with thermal imagery capable of capturing temperature differences as small as 0.1 degrees Celsius between plants. In 20% of the fields we fly, we detect an irrigation issue affecting more than five acres.



## Infrared

Compared to RGB imagery which is similar to a digital photograph color infrared imagery (CIR) provides a more detailed view by incorporating reflectance invisible to the human eye. CIR is useful for evaluating field conditions when crop canopy is minimal and for bare soil mapping, allowing growers to address early-season issues before they impact yield.

Quickly leverage your harvester yield data to improve profitability.

**Contact us today to learn more!**

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[ceresimaging.net](http://ceresimaging.net)