



Ceres Imaging

University-validated science, high-resolution imagery, and expert support make Ceres Imaging the most accurate and most reliable provider of aerial insights for agriculture.

Imagery is only the beginning: our analytics tools help you interpret your data—translating what you can see in your imagery into what you can do about it.

Irrigation management



Minimizing waste and fine-tuning irrigation programs for the highest-quality crop

Nutrient management



Improving plant health while reducing expenses on fertilizer and other inputs

Pest and disease management



Monitoring crops to stop the spread of costly outbreaks

Labor management



Helping teams prioritize and communicate more efficiently



We fly your fields.

Mounted on fixed-wing aircraft, our cameras capture multispectral imagery in greater detail than satellites, more efficiently than drones.



We generate scientific-grade imagery and analyses.

Instead of unprocessed aerial photographs, we use crop-specific, research-validated data models to evaluate plant health.



We provide actionable insights.

Within 48 hours, we deliver specific recommendations to help farmers make decisions with confidence.



CERES IMAGING
Solutions in sight

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PRECISION GROWTH, INC.

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From imagery to action

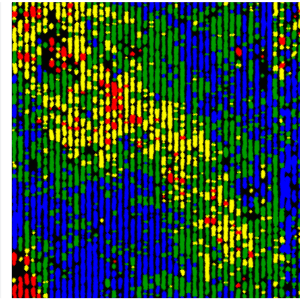
We combine high-resolution, multispectral aerial imagery with analytics tools to help you reduce costs and optimize yields.

Our products are validated by independent researchers and field-tested by commercial growers.

IMAGERY

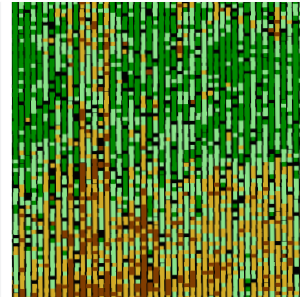
WATER STRESS

Our Water Stress Index combines scientific-grade multispectral imagery with proprietary algorithms to produce an accurate and intuitive measure of crop stress in real time.



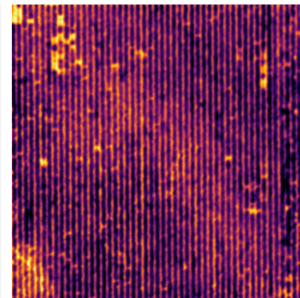
CHLOROPHYLL

More sensitive to nutrient differences than NDVI imagery, the Chlorophyll Index informs targeted tissue sampling, early yield predictions in row crops, and fertility management.



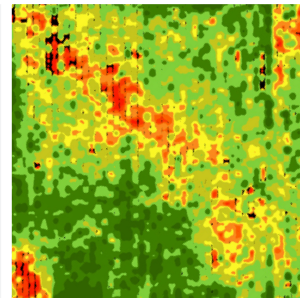
THERMAL

Unlike similar products derived from satellite data, scientific-grade imagery from our plane-mounted thermal cameras can detect minute differences in temperature at a plant level.



NDVI

Our meticulous attention to detail—from sensor calibration to image stitching and correction for atmospheric conditions—makes our delivery of this benchmark imagery best in class.



“The average Ceres Imaging conductance measurement from its imagery over the season has provided the best correlation with applied water.”

Blake Sanden, University of California Cooperative Extension

