OPTIMIZE EVERY ACRE FROM FIELD TO STORAGE:

AI-POWERED INSIGHTS TO PROTECT YIELD, STORAGE, AND PROFITABILITY BEFORE PROBLEMS TAKE ROOT

Managing potatoes is high stakes. Whether you're a grower, processor, or large-scale producer, small issues can quickly cascade into costly poor sizing, or storage losses. But what if you could see trouble coming before it spreads?

Ceres AI gives you a clear, actionable view of your entire crop. You get insights into canopy uniformity, crop stress, and field variability early, so you know where to act, when to intervene, and how to protect both quality and yield across your operation.

KNOW WHICH FIELDS NEED ATTENTION BEFORE IT'S TOO LATE

THE CHALLENGE

Field scouting is time-consuming and reactive. Issues often aren't visible until damage is already done.

WHAT YOU GET WITH CERES AI

Insights that give you a clear, actionable view of your entire crop. You get insights into canopy uniformity, crop stress, and field variability early, so you know where to act, when to intervene, and how to protect both quality and yield across your operation.

THE RESULT

Prioritize field visits where they matter most. Reduce scouting hours. Catch issues early and prevent yield loss before it starts.

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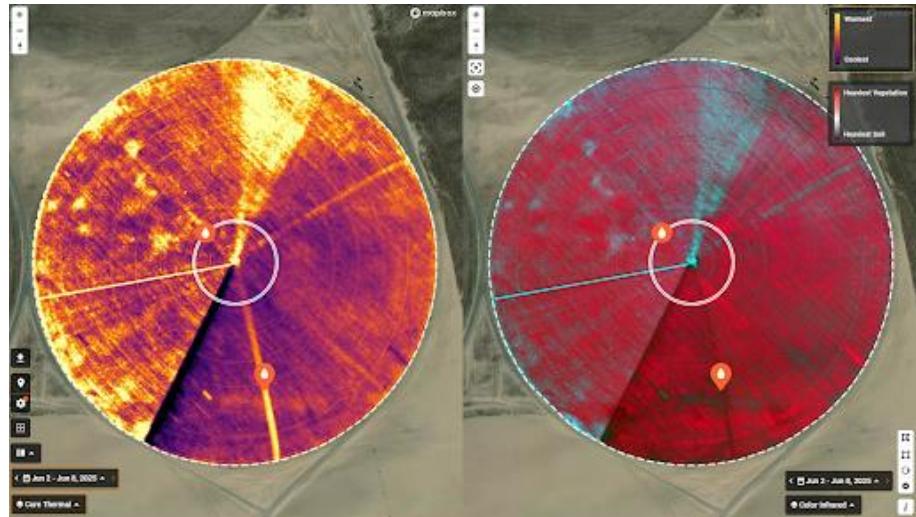
CeresAI

SECURE A STRONG STAND RIGHT FROM THE START

THE CHALLENGE
Uneven emergence sets the stage for yield drag, storage issues, and size variability that can't be fixed later.

WHAT YOU GET WITH CERES AI
Clear visibility into stand establishment across every field. Quickly forecast any potential supply or yield shortcoming due to poor stands/seed lot issues. Fine-tune irrigation while the ground is still bare or the crop is just emerging.

THE RESULT

Make early decisions on irrigation timing, or input changes while there's still time to course-correct.

Ready to see your fields clearly?
Talk to our team to schedule a custom insights package

USA
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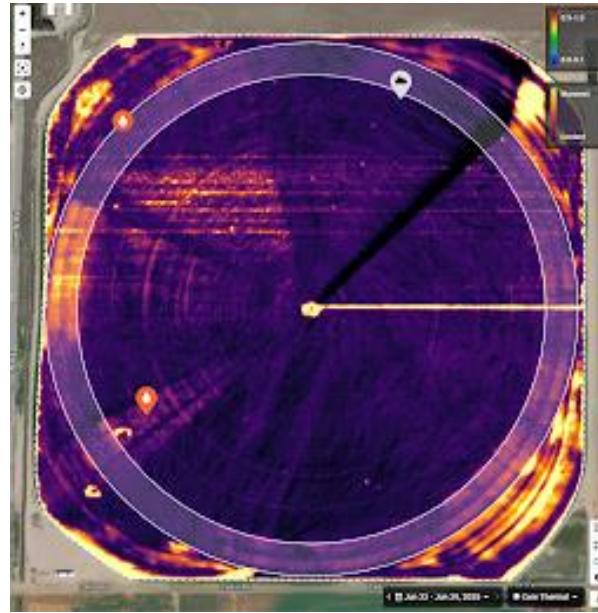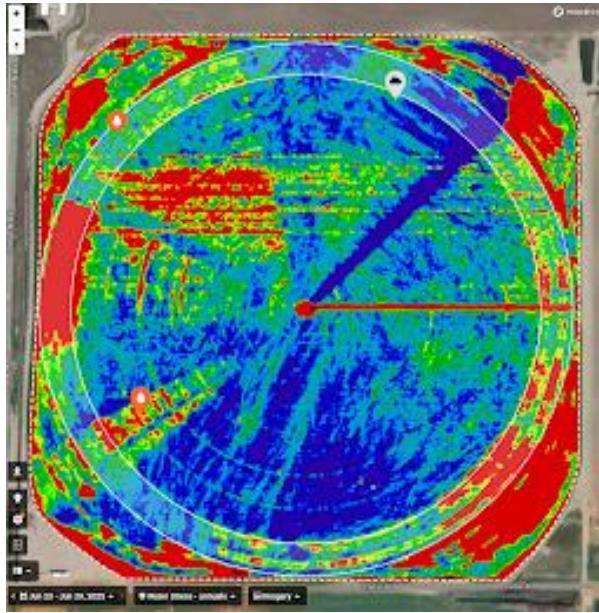AND PROFITABILITY BEFORE PROBLEMS TAKE ROOT

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DIAL IN IRRIGATION AND INPUTS WITH PRECISION

THE CHALLENGE

Over or underwatering during bulking stages can cost thousands in quality losses, especially in sandy or variable soils.

WHAT YOU GET WITH CERES AI

Reliable insights into crop stress and variability that inform your irrigation and nutrition strategies across each zone.

THE RESULT

Apply water and nutrients where they're needed. Avoid overspending where they're not. Sustain tuber development through critical growth phases.

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PREDICT POST-HARVEST RISK BEFORE THE FIRST TRUCK ROLLS

THE CHALLENGE

Some fields store well. Others break down. But by the time you see post-harvest losses, it's too late to trace the root cause.

WHAT YOU GET WITH CERES AI

A clear connection between in-season stress and postharvest outcomes. Identify zones more prone to bruising, shrinkage, or rot.

THE RESULT | Make informed harvest, storage, and shipping decisions. Segment high-risk zones. Improve compliance with contract specs.

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BUILD A SMARTER SEASON & A SMARTER STRATEGY

THE CHALLENGE
Year-over-year variability makes it hard to plan confidently, especially when working across multiple regions and teams.

WHAT YOU GET WITH CERES AI
Season-long and historical insights that help benchmark field performance, predict size distribution, and track stress trends over time.

FIELD	GROWTH STATUS		ESTIMATED EMERGENCE DATE		DAYS AFTER EMERGENCE	CROP DEVELOPMENT COMPARED TO COHORT		CROP DEVELOPMENT COMPARED TO PAST 5 YEARS		MOST RECENT CHLOROPHYLL INDEX (0-1)	MOST RECENT CHLOROPHYLL UNIFORMITY (0-1)	MOST RECENT NDVI (0-1)
Nelson2	Developing		Oct 14, 2025	!	83	Below range	↓	Above range	↑	0.57	0.9	0.84
South200	Developing		Oct 27, 2025	!	70	Within range		Within range		0.64	0.92	0.78
North160	Developing		Nov 11, 2025	!	55	Above range	↑	Within range		0.13	0.69	0.39
Silvia	Developing		Nov 12, 2025		54	Above range	↑	Within range		0.73	0.9	0.87
The80	Developing		Oct 29, 2025	!	68	Within range		Above range	↑	0.68	0.87	0.87
Big250	Developing		Oct 29, 2025	!	68	Within range		Above range	↑	0.71	0.94	0.89
Bonny	Developing		Oct 24, 2025	!	73	Below range	↓	Above range	↑	0.72	0.95	0.87
Eddy	Developing		Oct 23, 2025	!	74	Within range		Within range		0.4	0.82	0.66
Karst	Developing		Oct 26, 2025	!	71	Below range	↓	Within range		0.68	0.92	0.81
Tillman2	Developing		Oct 20, 2025	!	77	Within range		Above range	↑	0.63	0.96	0.83
Kelly	Developing		Oct 29, 2025	!	68	Above range	↑	Above range	↑	0.88	0.97	0.93
Moms2	Developing		Oct 18, 2025	!	79	Below range	↓	Above range	↑	0.6	0.92	0.87
Disch	Developing		Oct 29, 2025	!	68	Within range		Above range	↑	0.67	0.95	0.83
Gibson2	Developing		Oct 28, 2025		69	Within range				0.7	0.88	0.93

THE RESULT
Build predictive models for harvest volume, improve long-term planning, and drive more consistent returns across your operation.

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