



Irrigation Insights Grower's Guide

For the US



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What is Irrigation Insights?

Irrigation Insights is a subscription service that monitors your center pivot-irrigated fields and alerts you to water application issues.

The service detects overwatering and underwatering by capturing satellite images of your fields and analyzes them using advanced technology that pinpoints problems days before traditional scouting can.

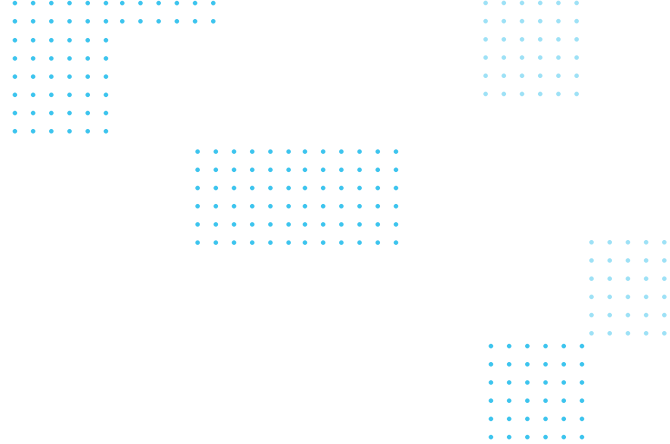


It's a time saver.
It gets the problems before they become big problems.



Gary Schmidt
Eagle View Farms





Why use Irrigation Insights?



Detect irrigation issues quickly

Find and fix pivot-related faults like clogged nozzles or leaky gaskets before it affects the health of your crops.



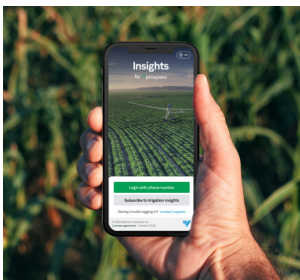
Prevent overwatering & underwatering

Ensure your crops receive the optimal amount of water. Reduce wet patches and dry areas.



Trusted by growers around the world

Receive proven insights that help inform better decisions for any type of crop you're growing under pivot irrigation.



Easy to set up & use

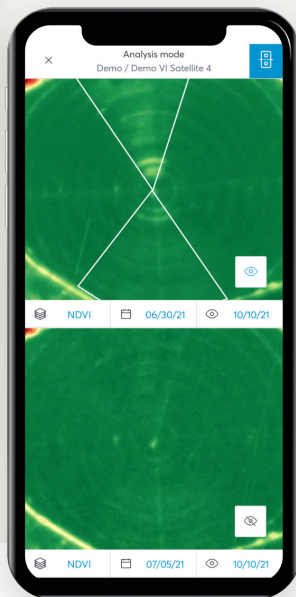
Get up and running in minutes. There's no hardware to set up or maintain. You'll receive alerts on your phone, desktop, or tablet.



Not an imagery service — a pivot irrigation problem finder

Irrigation Insights focuses on alerting you to problem areas, providing information about which span to check for issues like clogged nozzles and leakages.

Who has time to review hundreds of images? We analyze the images for you because **getting actionable alerts is far more valuable use of your time** than reviewing piles of images.



Like looking at the images?

You can access your field's satellite images at any time and compare them side by side.

← Image of analysis mode – comparing two different images over time.



More value — get quality over quantity

We analyze all your field images and only send you an alert when an issue needs your attention. Other services charge much more per acre for high-resolution imagery that takes a lot of time to review and doesn't deliver additional ROI.

203,725

Images analyzed in 2022

8,757

Insights sent to growers

83,097

Acres of irrigation anomalies were found



The return on investment was very easy for me to justify in that it's a few dollars an acre to monitor the field



Jim Klaustermeyer
Klaustermeyer Farms



How it works

1

Provide the location of the fields you want to monitor

Onboard your fields online in minutes.
Get started at Propsera.ag/FM

2

Satellite images are captured & analyzed for you all season long

Satellite images are taken frequently. Our advanced technology is trained to find pivot irrigation issues by analyzing satellite images.

3

Get alerts sent right to your phone

Get alerts sent right to your phone. Irrigation Insights sends automatic notifications of likely irrigation problems in your field so you can take action.



You'll receive an alert via SMS message or push notification based on your preferences set in the Valley Insights® app.



You can also view field images and insights on your computer.



What I really like about Irrigation Insights is that it's intuitive, it's easy to use, and it's cost-effective. It really helps you to identify irrigation issues to fix them in time.



David Müller
Uitdraai Farm

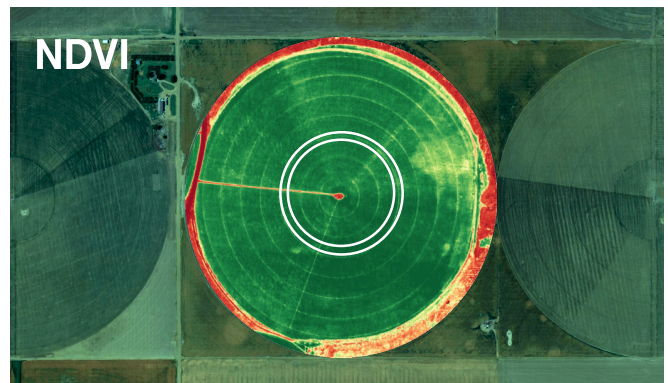


Image Analysis Tailored for Each Growing Stage

We gather and analyze both RGB and NDVI images of your fields all season long and alert you to any issues. Our technology understands which type of image will be the most beneficial for analysis.



Before the season begins, RGB images are more helpful in detecting problem areas on bare soil before you start irrigating your newly planted fields.



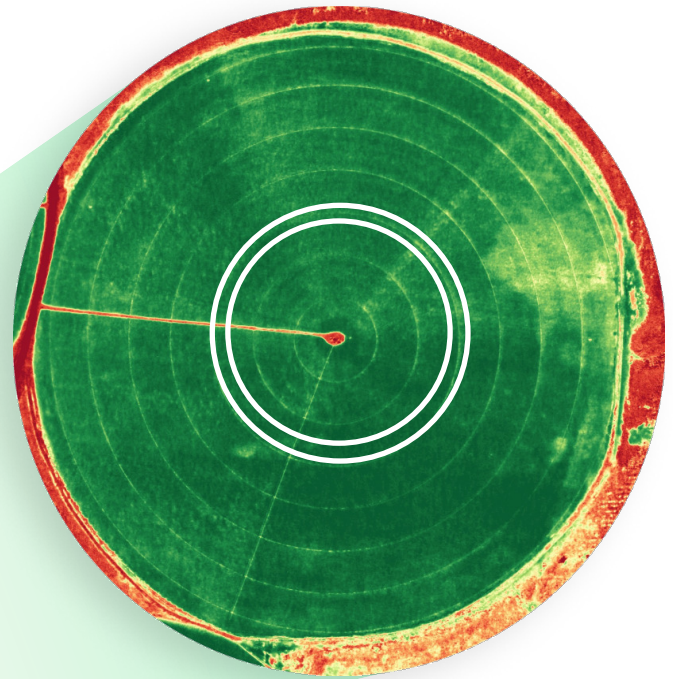
During the growing season, NDVI images are helpful in detecting canopy cover anomalies, so you know where you are underwatering or overwatering.

More accurate & clutter-free NDVI imagery

Some competitors skew the data for NDVI imagery, a wider range of values that results in misleading data. Our algorithms are designed to remove clouds and other atmospheric noise that can clutter and distort images and lead to false alerts.



Example Insights



Anatomy of an insight

Each insight you receive provides detailed information so you can act quickly to fix potential problems before they affect your crop.

The issue we detected

Insight details

Understand at a glance where the issue is and how much area is affected.

Take action by sharing this information with your team. If you're busy, Mark as Unread so you can easily find it later.

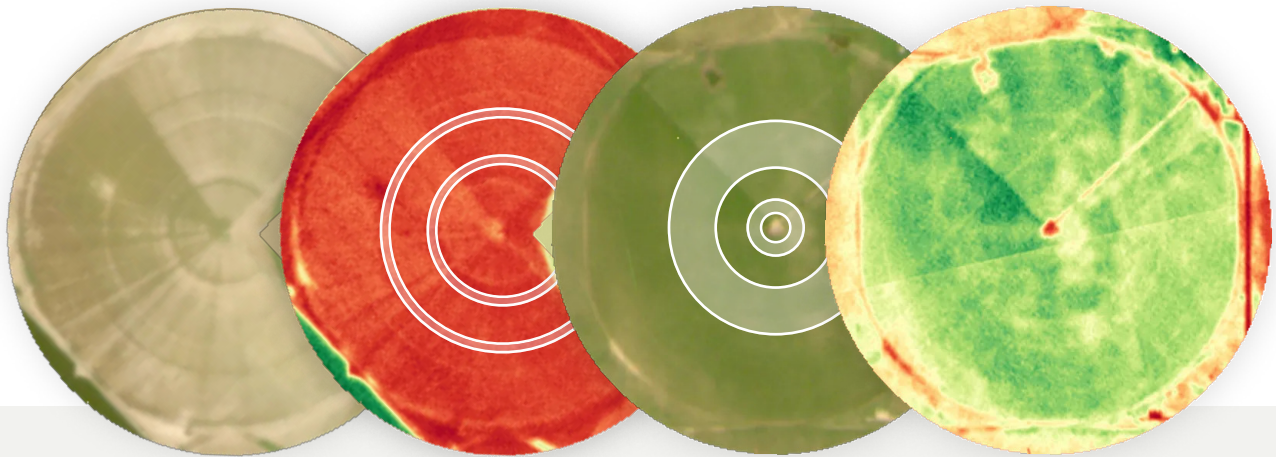
Your feedback helps us improve insights for all farmers



Example Insights

Underwatering Insights

Irrigation Insights can detect underwatering both early and late in the season. Often, underwatering happens when there's an issue with a sprinkler, such as a clog or water pressure issues.



Example

Spans 2-3 appear to indicate underwatering: Low or irregular vegetation growth in the identified area, possibly due to underwatering.

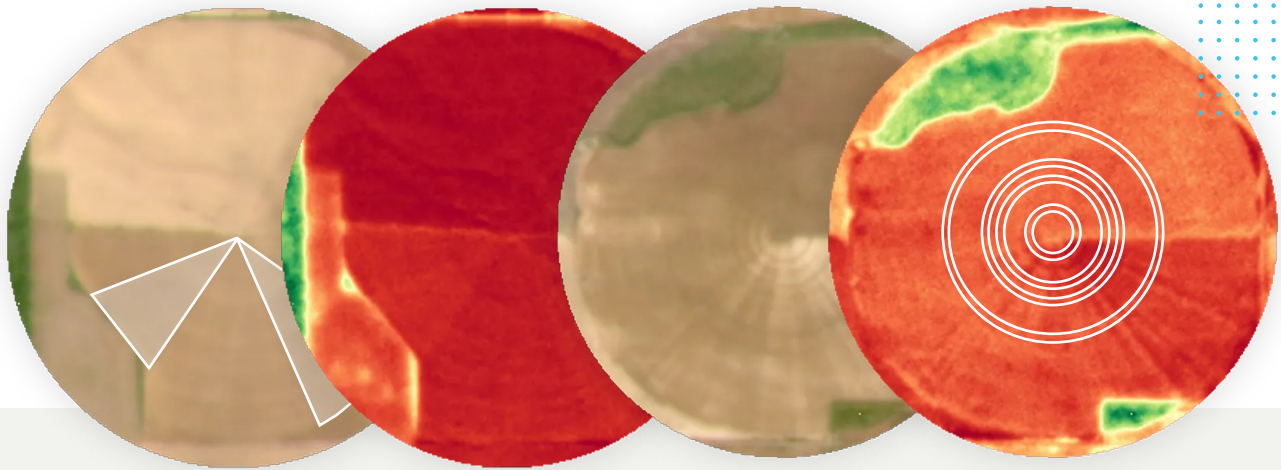
You can always view RGB and NDVI images of your fields at any time in the app.



Example Insights

Overwatering Insights

Irrigation Insights can detect overwatering both early and late in the season. Overwatering happens when there's a leak, your pivot pressure is off, the pivot gets stuck, or you have the wrong type of sprinkler package installed.



Example

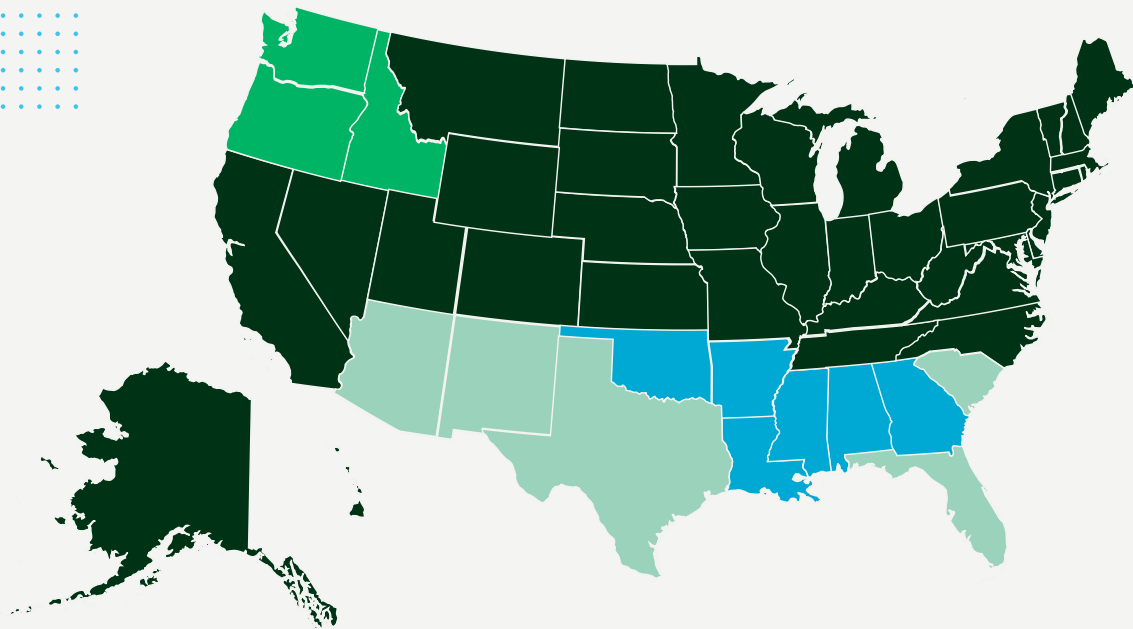
90–120 degrees: High or irregular vegetation growth in the identified area, possibly due to overwatering.



Annual subscription

Talk to an expert to get started!

Irrigation Insights is a subscription service that renews every year. Invoices are sent out each January, and the service begins according to your geographic location.*



Service Start ● February 15th ● March 1st ● March 15th ● April 1st

All US Services end on September 15th

*If you would like to adjust your service start or end dates, contact our support team. We're happy to adjust them for your needs.



Service & support



Prospera team members meeting with a customer and local Valley dealership team at Golden Grain farm in Michigan.

Our US-based technical support team is here to help you with any questions you have.

Call

1.605.352.8350

Monday – Friday, 7:00 am – 10:00 pm CT

Email any time

valleyinsights@prospera.ag

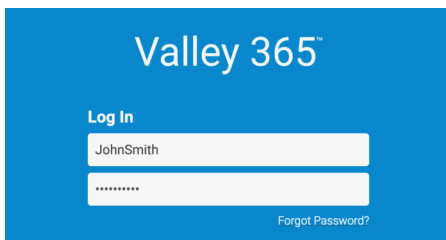


Invoices & billing

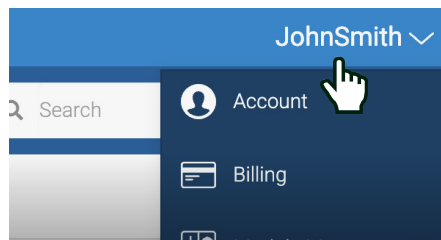
No surprises here. All invoices will be sent to the email address you provide when setting up your account. You'll also receive an invoice via mail.

Go to Valley365.com to view your invoices and pay your balance online.

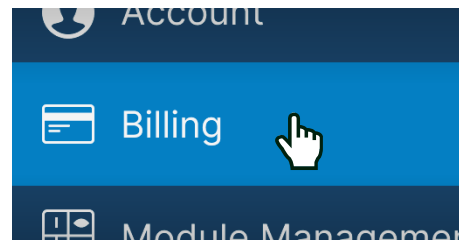
How to get to your billing information from Valley 365®:



Log in with your AgSense/Valley username and password.



Click the down arrow next to your username on the top right of your screen.



Go to Billing.

If you're already a Valley or AgSense customer — thank you! We'll send your invoices to the same place your other invoices are already being sent.

Need to update your info?

Contact our billing support team at 1-605-352-8350. Monday – Friday, 7am – 5pm CST

[Talk to an expert to get started!](#)

