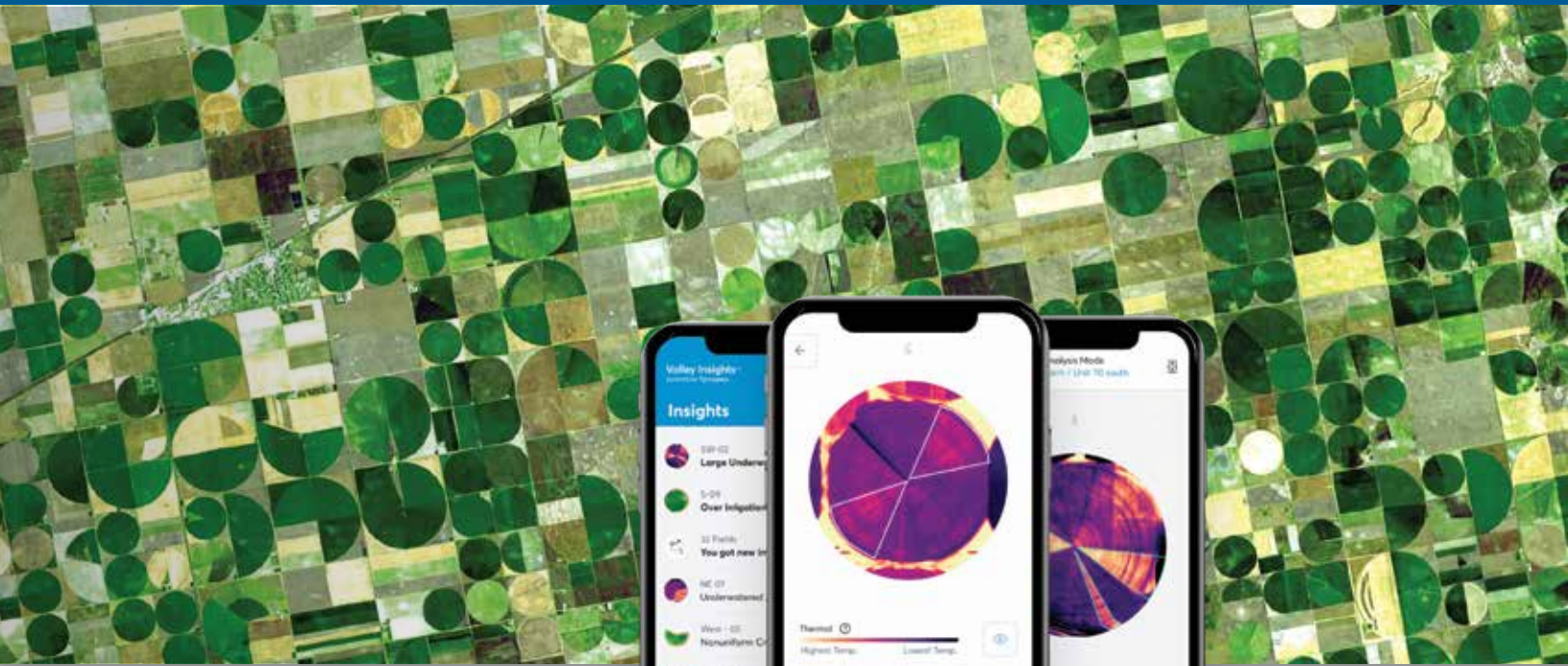


Irrigation Insights Turn Data Into Action

Irrigation Insights

Detect Crop Health Issues Early.

Valley[®] Irrigation, brings you Valley Insights[®] powered by Prospera: our advanced technology services based on artificial intelligence.

Valley Insights uses artificial intelligence (AI) to provide you early detection and enhanced scouting capability, so you can make fast & informed decisions regarding your crops.

Pair with **Plant Insights** and get the powerful combination of full coverage throughout the season.



Quickly Identify Irrigation Issues and Prevent Crop Loss

Guarantee your irrigation is on target with insights alerting you to any watering irregularities or pivot malfunctions.

We use aerial imagery to virtually scout for crop health concerns related to water application, or other issues in your field. Our flight operation captures visuals of your fields through various image types including true color, NDVI, and thermal imaging.

Using artificial intelligence technology, your field images are then analyzed for irregularities, producing valuable insights sent directly to you, so you can take action quickly - saving you time and hassle.

Why Choose Irrigation Insights



Detect Irrigation Malfunctions Early

Detect pivot-related faults whether it be plugged nozzles or leaky gaskets.



Easy-to-Use

The Valley Insights application is easy to set up and simple to use.



Prevent under/over Watering

Ensure crop uniformity and that your crops are getting the optimal amount of irrigation.



Grower Trusted

Leading growers in the field trust Valley Insights to give them the insights they need to make better decisions.

How Does it Work?

STEP 1

Initial Setup

You or your Valley Dealer provides a list of your field and pivot GPS locations.

STEP 2

Data Collection

Our flight operation captures visuals of your fields through various image types, including NDVI and thermal imaging.

STEP 3

Field Analysis

Using computer vision algorithms, the imagery is analyzed in search of irrigation irregularities.

STEP 4

Accurate Detection

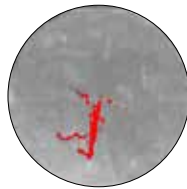
Receive alerts regarding irrigation issues where your crops need attention.

Valley Insights is a targeted release, only in select regions.

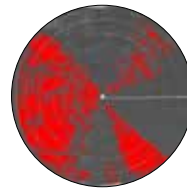
Detect Irrigation Issues Difficult to See with the Naked Eye



Plugged Sprinkler
Running Sprinkler



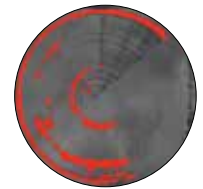
Potential Leak from
Center Pivot



Under-watered area



Plugged Sprinkler



Multiple Sprinklers
Over-watering



“Valley Insights predictive capabilities are really appealing to see things before they develop - not just as they develop.”

Greg Hirai
Hirai Farms



“The cost benefit is easy to justify. It’s a few dollars per acre to monitor your system. It takes very few corrections to pay for itself.”

Jim Klaustermeyer
Klaustermeyer Farms

For more information, visit valleyirrigation.com/insights or contact your local Valley Dealer.