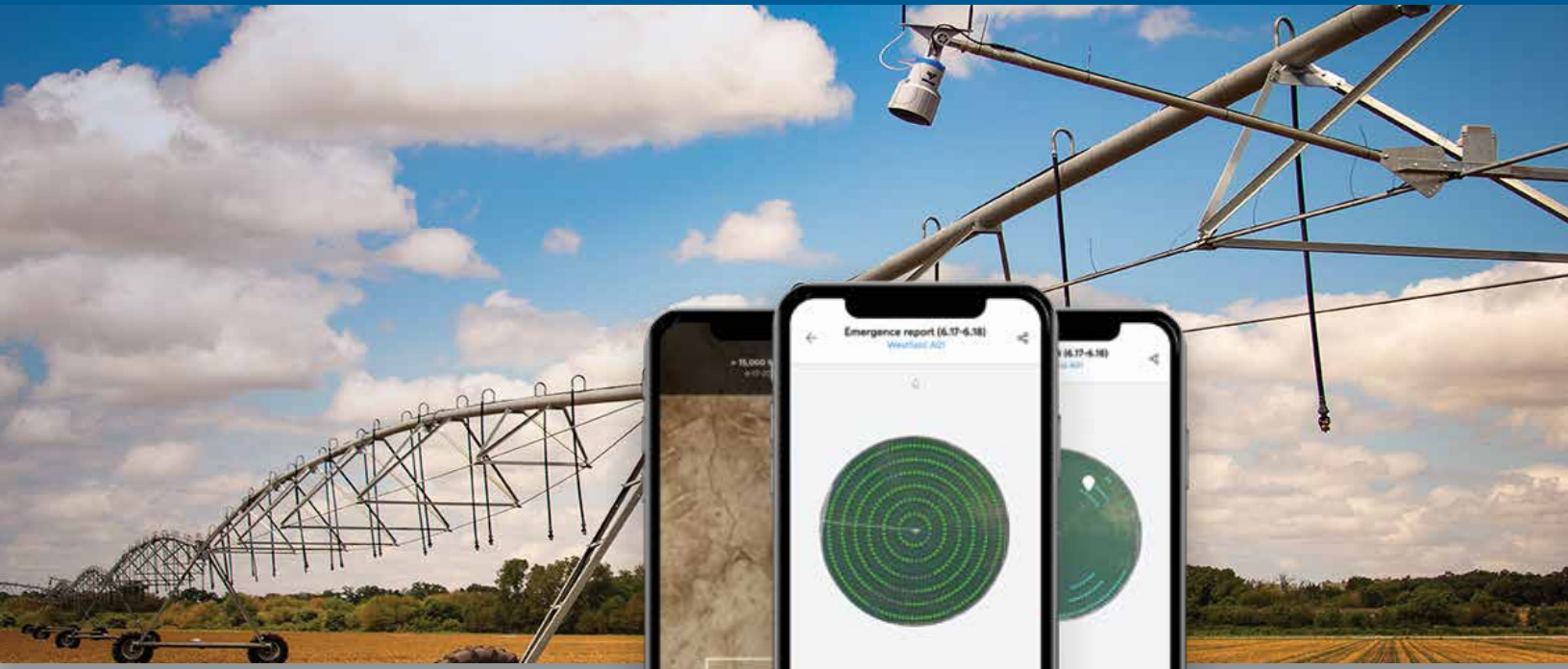


Plant Insights Turn Data Into Action



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

Transform Your Pivot into a Complete Crop Management Machine.

Your center pivot is much more than an irrigation machine. Sensors placed directly on the pivot, monitor your crop health and growth 24/7 and ensure undesirable pests, diseases and weeds are detected early so you can take action.

Combining the power of in-field operability of Valley pivots with unparalleled crop intelligence from Prospera's machine learning, you are able to detect and receive critical information to prevent unforeseen crop damage and ensure quality yield - ultimately resulting in greater return.

Why Choose Plant Insights?



Unparalleled Early Detection & Analysis

Receive leaf-level plant insights involving pest, disease and overall crop health.



24/7 Eyes in Your Field

The pivot is the only constant in the field that can access hard to see areas when it matters.



Pinpoint Accuracy

GPS provides the precise locations of issues, saving time scouting during critical crop stages.



Grower Controlled

You are in control of how often images are captured. Neither weather nor available manpower will prevent you from getting the information you need to make critical decisions.

How Does it Work?

STEP 1

Initial Setup

Sensors are installed directly onto your irrigation pivots.

STEP 2

Data Collection

The sensors collect data related to the crops by taking imagery at a predetermined automatic frequency.

STEP 3

Field Analysis

Using computer vision algorithms, the imagery is analyzed in search of diseases, pests, weeds, plant stress, and more.

STEP 4

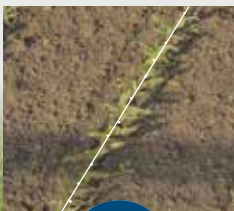
Accurate Detection

Receive regular reports regarding issues where your crops need attention.

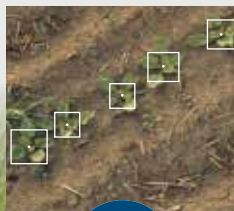
Valley Insights is a targeted release, only in select regions.

Receive Insights into Crop Health Issues That Matter Most

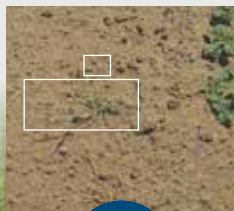
Emergence



Stand Count



Weeds



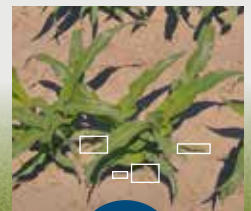
Pests



Disease



Nutrient Deficiency



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