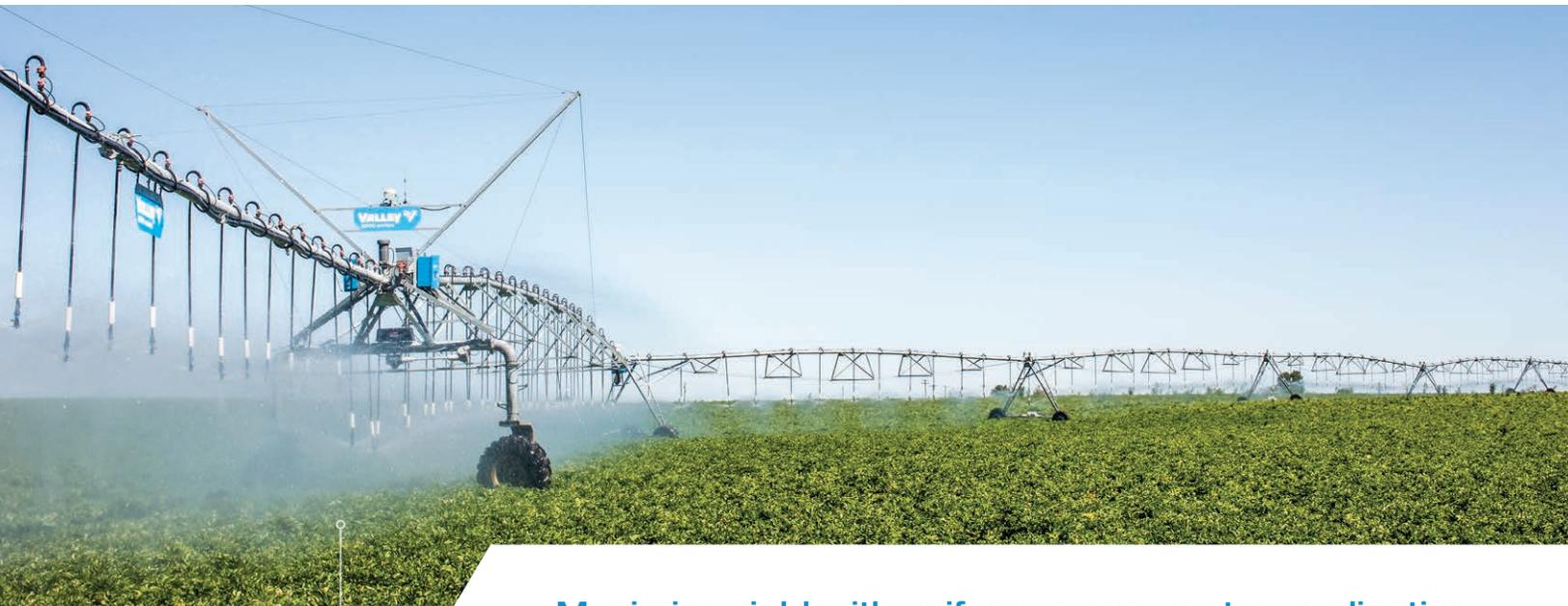


Irrigate-IQ Uniform Corner



Maximize yield with uniform corner water application.

When you have a corner arm on your center pivot irrigation system, you are able to add irrigated acres to maximize your yield. But when your corner arm doesn't apply water uniformly, you end up with areas that are either over- or under-watered, resulting in an inefficient use of water and potential damage to your crop.

Trimble® Irrigate-IQ™ uniform corner ensures you achieve a consistent application on areas covered by the corner arm, so you can be sure your water resources are being used in the best way possible to improve crop quality and yield.

Key Features

Irrigate-IQ uniform corner works with systems for center pivots from all major manufacturers and helps you:

- Achieve a uniform application in areas covered by the corner arm
- Optimize water use by avoiding over- or under-watering
- Reduce run off and leaching
- Improve crop quality and yield
- Increase profitability



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1. Partially Retracting

If the corner arm is partially retracted and beginning to extend, the system ensures that the right amount of nozzles are on at the right time to maintain a consistent application without over-applying.

2. Extending

The corner arm accelerates when it extends and can cause gaps in application when using traditional systems because of inaccurate nozzle control. In contrast, Irrigate-IQ uniform corner ensures there are no gaps and results in an even application while the corner arm is extending.

3. Retracting

As the corner arm retracts and decelerates, nozzles can cross some areas that may already be watered. Irrigate-IQ uniform corner takes into account this overlap and ensures these areas do not get over-watered by pulsing nozzles on in the right place.



System Advantages

Consistent Application

Because of Irrigate-IQ uniform corner's advanced algorithms and control, you can achieve a consistent application of water no matter the position of the corner arm. Whether the corner arm is partially retracted, extending, or retracting, Irrigate-IQ uniform corner minimizes the risk of overlaps or gaps in application.

Individual Nozzle Control

Irrigate-IQ uniform corner controls each individual nozzle based on the desired application depth and the position of the corner arm. This way, the nozzles provide the highest level of accuracy to achieve maximum uniformity across the entire area covered by the corner arm.

Reliable Valves

Industry-leading, three-way vent to atmosphere valves ensure the system performs reliably all season. The rugged, fully-sealed housing prevents clogging and blockage, even when pumping unwanted debris. Plus, the valves default to the open position, so water will always flow, even during unexpected system events.

Flexible Options

Irrigate-IQ uniform corner has flexible options depending on your needs. Set your field depth and let your corner arm run, or add a monitor and control system so you can remotely manage your whole pivot.

GET STARTED

In just two easy steps, you can get started implementing uniform corner on your pivot. Here's how:

1. Determine Your Needs

Work with your dealer to map your field and to load a customized uniform corner prescription based on your field layout.

2. Run the Pivot

Once your uniform corner prescription is loaded, run the pivot corner arm.

Contact your Valley dealer for more information.