

Valley® Variable Rate Irrigation

RELIABLE | DURABLE | PRECISE | ADVANCED | RESPONSIVE



VALLEY 

The Leader in Precision Irrigation.

Valley® Variable Rate Irrigation (VRI) allows you to customize your water application based on topography information, soil data maps, yield data or other field-specific information. This means you can:

- Increase yields by making all areas of your field more profitable.
- Reduce over-watering, under-watering and runoff.
- Increase water and chemical application efficiency.
- RELAX – you know your precious water resources are being used wisely!

VRI: What's in it for You?

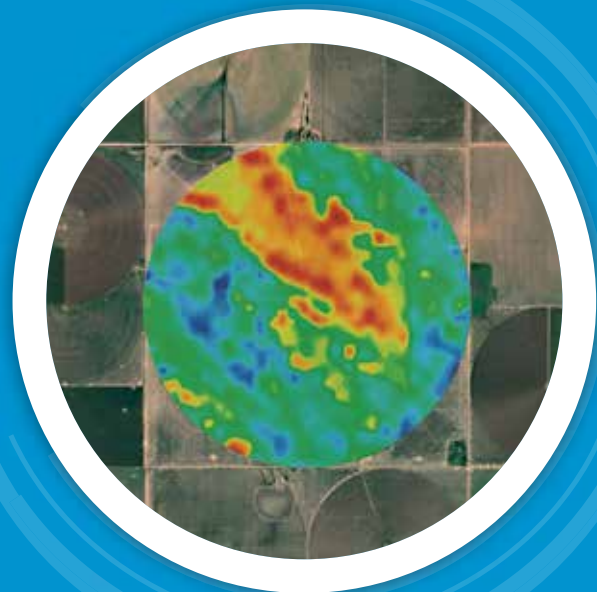
It's EASY to Use

- Valley BaseStation3™ or AgSense® telemetry products provide wireless upload capabilities to get the VRI prescription to your center pivot.
- And, because you can wirelessly upload your prescription, you can quickly make changes as your water application needs change in the field.

VRI can SAVE WATER

- Based on your VRI prescription, you're applying water only where it needs to be. You're not irrigating unnecessary areas in your field, such as ditches, canals, buildings and boggy areas.
- Because you can change the application depth throughout your field, you will see reduced runoff and avoid over-watering your crops, which protects your soil's health.

Valmont Irrigation understands that not all fields are the same and not all growers' needs are the same. That's why we are the only company in the industry to offer multiple VRI options.

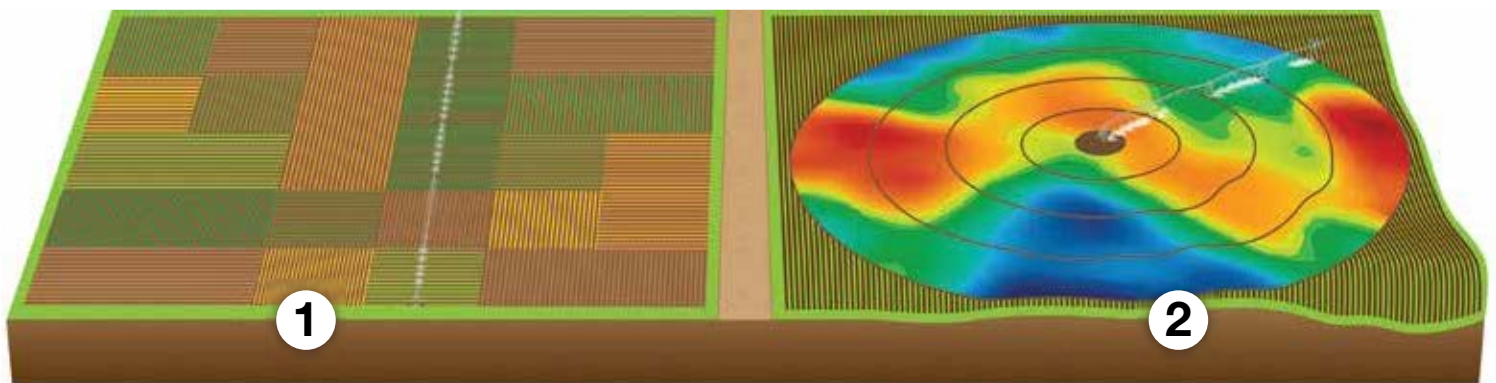


Trimble Irrigate-IQ VRI*

Trimble[®] Irrigate-IQ[™] variable rate irrigation gives you control over each individual nozzle for the highest level of accuracy. Each nozzle is controlled independently, and its flow rate can be changed based on the irrigation plan and location.

How Does it Work?

- Gather data, including yield, topography, soils, imagery or other field data, to help determine areas of variability.
- Create a prescription by utilizing your data to create variable areas throughout the field and set a watering depth for each area.
- Send the prescription to the pivot from the Trimble Irrigate-IQ website.



When Should You Use Valley VRI Zone Control?

Valley VRI Zone Control allows you to maximize your water application efficiency in more challenging fields, such as those with varying topography.

1 Does VRI Zone Control Work for Linears?

- This new option is ideal for rectangular fields with different soil types and nonirrigated areas.
- Your field is divided into 5,400 management segments.
- Universities often use this option in test fields (shown in the graphic above).

2 How Does VRI Zone Control Work?

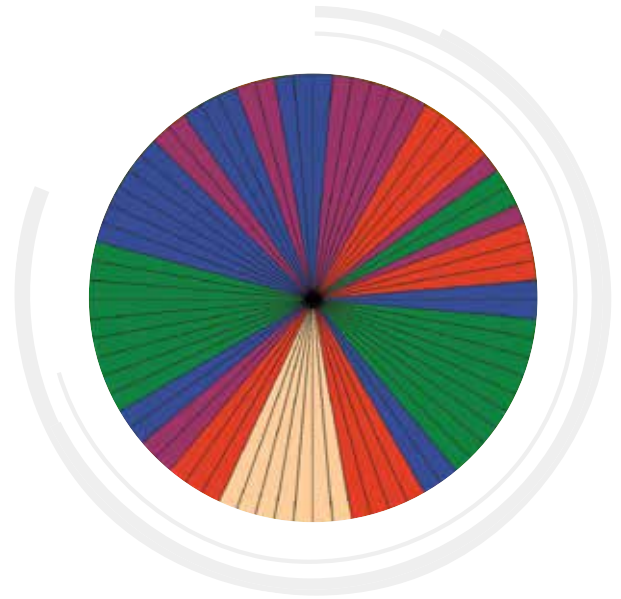
- Your field is divided into 5,400 zones with optimized water application in every single zone (shown in the graphic above).
- A customized VRI prescription pulses the sprinkler control valves along the center pivot zones to achieve the desired application depth.
- It can also be used for on/off control over areas in your field that don't need to be irrigated.

When Should You Use Valley VRI Speed Control?

Valley VRI Speed Control is ideal for those of you who want to minimize your investment cost, but still receive the benefits of applying water more efficiently. If you have a digital control panel, then VRI capabilities are at your fingertips.

How Does Valley VRI Speed Control Work?

- Your field is divided into a maximum of 180 sectors with optimized water application throughout.
- A customized VRI prescription speeds up or slows down the center pivot to achieve the desired application depth across each sector.



See your local authorized Valley dealer for complete details.



Valmont[®] Irrigation has a policy of continuous product improvement and development. As a result, certain changes in standard equipment, options, price, etc. may have occurred after the publication of this brochure. Some photographs and specifications may not be identical to current production. Your local Valley[®] dealer is your best source for up-to-date information. Valmont Irrigation reserves the right to change product design and specifications at any time without incurring obligations.

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