

Valley® Variable Rate Irrigation

RELIABLE | DURABLE | PRECISE | ADVANCED | RESPONSIVE



VALLEY 

The Leader in Precision Irrigation



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

- Make all areas in your field more profitable
- Reduce runoff
- Increase water and chemical application efficiency
- RELAX – you know that your precious water resources are being used wisely!

VRI: What's in it for You?

It's EASY to Use

- Valley offers wireless upload capabilities to get the VRI prescription to your center pivot when using BaseStation or one of the Valley TrackNET® products.
- And because you can wirelessly upload your prescription, you can quickly make changes as your water application needs change in the field
- Don't have TrackNET or BaseStation? You can also hard-wire upload your prescriptions directly to your computerized control panel.

VRI can SAVE WATER

- Based on your VRI prescription, you're applying water only where it needs to be. So, you are not applying water to 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 overwatering your crops, which can help your soil's health and that of the environment

Valley understands that not all fields are the same, and not all growers' needs are the same. This is why we are the only company in the industry to offer two VRI options: Speed Control and Zone Control.





When Should You Use Speed Control?

- 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 Pro2 or Select2 control panel (or will be getting one with your new Valley center pivot), then VRI capabilities are at your fingertips
- Don't have a computerized panel? No problem! With the TrackNET product line, you can easily get started using VRI Speed Control



How Does Speed Control Work?

- With Speed Control, your field is divided into a maximum of 180 sectors with optimized water application throughout
- A customized, uploaded VRI prescription speeds up or slows down the center pivot to achieve the desired application depth across each sector
- Additional hardware is not needed to upload prescriptions
- Used with the Valley Pro2, Select2, or TrackNET products
- Utilizes your new or existing sprinkler package

When Should You Use Zone Control?

Zone Control is ideal for those of you who want to maximize your water application efficiency in more challenging fields, such as those with differing topography

How Does Zone Control Work?

- Your field is divided into over 5000 zones with optimized water application in every single zone
- A customized, uploaded VRI prescription pulses the sprinkler control valves along the center pivot zones to achieve the desired application depth
- Can also be used for on/off control for areas in your field that don't need to be irrigated
- Utilizes your new or existing sprinkler package

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.