

POTATO GROWER

SERVING THE NATIONAL POTATO INDUSTRY

THE BUZZ

Do potatoes need pollinators?

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IRRIGATION

BUYER'S GUIDE

■ NELSON IRRIGATION

www.nelsonirrigation.com

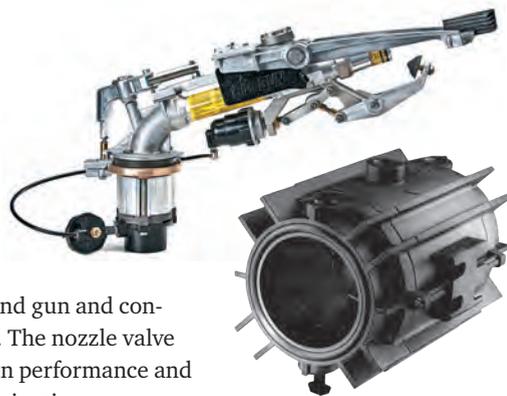
1000 Series Valves, Delta P

New 1000 Series valves save energy with higher flow capacity and lower friction loss—better than any other valve on the market. They also have more precise and stable pressure regulation over a wider range of flow and with minimal pressure differential required across the valve.

A modular design provides ultimate flexibility in valve style and connection type while simplifying installation, troubleshooting and maintenance—great for the grower, installer and system designer.

Choose from three different flow path options: inline, tee and elbow, and choose from five inlet/outlet styles. The 1000 Series valve applications include zone control for sprinkler or drip-irrigated row crops, nursery crops, orchards and vineyards. The valve fits perfectly under a Big Gun for solid-set irrigation, end-of-pivot solutions and a variety of environmental controls including fire suppression, dust suppression and cooling.

Nelson also introduces for sale and distribution the Delta P for pivot end gun valve control with the SRNV100 Big Gun. The SRNV100 is an end gun and control valve in one. The nozzle valve improves end gun performance and efficiency by eliminating pressure loss, turbulence and debris hangup typical of other end gun control valves.



The Delta P can be paired with the SRNV100 to further improve reliability by eliminating the need for a costly solenoid. The Delta P automatically opens and closes the nozzle valve by sensing pressure upstream and downstream of the booster pump.

Learn more at www.nelsonirrigation.com.

■ LINDSAY/ZIMMATIC

www.zimmatic.com

NFTrax, Growsmart

Two of Lindsay Corporation's newest products have earned industry recognition for their innovative design and attention to detail incorporating technology for modern farming irrigation systems.

The patent-pending NFTrax wheel assembly is an airless wheel design that will never go flat and keeps wheel ruts to a minimum—saving time, labor and replacement costs. Compared to pneumatic and solid tires, NFTrax helps growers avoid tread damage and punctures, and it eliminates air pressure checks. In addition, it reduces wheel rut depth and controls water runoff and

track erosion, allowing trouble-free operation throughout the season.

Multi-Control and FieldNET wireless micro-irrigation management remotely controls the

entire system, saving water by automating when and how much to apply, and alerting growers to issues such as pressure or flow disparities due to leaks and clogs that can result in inefficiencies.



■ HORTAU

www.hortau.com

(970) 481-0655

WEB-TX4 Smart Stations

Hortau has been an industry leader in real-time soil moisture monitoring since 2002, developing one of the first web-based irrigation management systems on the market and helping potato growers take the guesswork out of irrigation practices.

Using soil tension measurement to determine the precise amount of water that's available to a crop, Hortau's latest-generation WEB-TX4 smart stations help growers improve yield and cut irrigation costs.

Hortau's wireless stations and simplified software for mobile devices and computers securely report to growers how crops are faring in real time. That plant-centric approach to measuring soil tension allows growers to detect plant stress (from drought, lack of aeration and other factors) before it becomes visible in the crop, ensuring optimal plant growth while reducing water and energy use.

