A Letter to Our Readers

THE LINDSAY ADVANTAGE

Lindsay and Zimmatic® have been synonymous with strength and durability for decades. These are pillars of our brands, and Zimmatic by Lindsay customers like you have built successful agricultural operations on our ability to deliver on these commitments.

Now, a new technology focus has emerged as products such as FieldNET have changed the way you manage and run your business. Lindsay acquisitions such as Watertronics®, an integrated pumping solutions company, have expanded our ability to offer you new products, new technology and new add-ons that allow you to farm more profitably.

The combination of these customer-driven benefits defines The Lindsay Advantage, which we are excited to announce in detail in this issue of Irrigation Advances. You’ll find more about our new brand names and new logos on pages 8 and 9 of this issue.

We’re launching The Lindsay Advantage to highlight our ability to offer you the strongest, longest lasting, most durable and rugged systems on the market – supported by a large family of plug-and-play add-ons that make your equipment more productive, more efficient and easier to use.

This is just the beginning of The Lindsay Advantage as we offer you, our valued customers, a new and broader range of irrigation products that add value, reduce risk and help you take full advantage of every growing season.

Visit www.lindsayadvantage.com for more information.

Randy Wood
Vice President
Sales & Marketing
Irrigation, The Americas
Q: How has converting from gravity irrigation to pivots benefited growers in your area?

A. In areas that have significant elevation differences between water sources and field level, some of our local irrigation districts have been actively converting open ditches into enclosed pipelines. Not only does this offer significant water savings, but it also enables the operation of pivots without the need for booster pumps. This capturing of gravity pressure greatly reduces the need for electrical energy, an input that continually increases in cost. Low pressure pivots have been a boon in this endeavor.

Q: How do you think that Zimmatic irrigation systems match up to the competition?

A. Zimmatic continues to lead in delivering a solid product at a reasonable price. While exciting technology such as FieldNET and Precision VRI become more common, the backbone of the system still remains the solid structure of a Zimmatic pivot.

Q: Tell us about your dealership...

A. Agri-Lines Irrigation serves a four state area. We are employee-owned and headquartered in Parma, Idaho, with stores also located in Grandview, Idaho and Winnemucca, Nevada. We design, build and install complete irrigation systems and are proud to feature Zimmatic products.
FOR THESE SOUTH CAROLINA GROWERS, SMALLER IS BETTER

Zimmatic by Lindsay’s new 7500P Small-Field Pivot is proving to be popular among growers around the world, including two South Carolina growers who recently purchased the new 7500P as a “perfect fit” for their operations.

Designed to irrigate smaller fields up to 60 acres (24 ha), the 7500P Small-Field Pivot features a crop clearance of 10.5 feet (3.2 m), a smaller diameter pipeline of 4.5 inches (11.4 cm), and a 5-inch (12.7-cm) pivot point.

Lynchburg, SC, grower Britt Rowe recently added two 7500P Small-Field Pivots to the 15 Zimmatic pivots he already owns.

**Perfect Fit**
“In our part of the country, you can’t grow corn without irrigation,” Rowe says. “We also don’t have the huge fields here that they do in some other parts of the country, so the Small-Field Pivots are a perfect fit for us.”

According to Tanner Hoffman, Zimmatic product manager, the
7500P pivot point features four full-length legs strengthened by numerous cross-ties. These provide a stable base with consistent crop clearance as the machine transitions from the pivot point to the first span.

The 7500P also features Zimmatic’s own external collector ring and Uni-Knuckle joint, which leave the pipeline free from flow restriction.

**Affordable Option**

From an economic standpoint, Rowe says, the 7500P is more affordable and performs just as well as his larger Zimmatic pivots.

“In 12-foot (3.6-m), 220-bushel (13.8 mt/ha) corn, the 7500Ps push right through it and perform nicely,” Rowe says.

Rowe runs both 7500Ps off the same well and pump. One pivot covers 40 acres (16 ha) and the other 30 acres (12 ha).

Fourth-generation farmer Buddy Rivers of Sumter, SC, owns 31 pivots, most of them Zimmatics. He purchased a 7500P Small-Field Pivot earlier this year to irrigate a 50-acre (20 ha) field of corn.

**For Smaller Fields**

“Our 7500P fits in good with the smaller fields,” Rivers says. “It’s definitely more economical for smaller fields and can cut your per acre cost of irrigating.”

Rivers said his 7500P got a good workout this summer because of extremely dry weather and handled the 12-foot (3.6-m) tall corn in his field without a problem.

“The 7500P Small-Field Pivots work great and I think we’ll be selling a lot more of them in the future,” says Benny Altman, irrigation manager at Sparrow & Kennedy, the local Zimmatic by Lindsay dealer for Rowe and Rivers.

**Growsmart Options**

Hoffman says all Growsmart control options are available on the 7500P, including FieldNET® for remote irrigation management.

Rivers uses FieldNET Mobile on about half of his pivots including the 7500P, and continues to add Web-based irrigation management features to his other pivots.

Rivers says, “My son jumps right in on the new technology. He likes to crank up the pivots by smartphone. I still have to drive out to the pivots.”

**BRITT ROWE LYNCHBURG, SC**

- Grows 3,000 acres (1,214 ha) of peanuts, cotton and corn
- President of the South Carolina Peanut Growers Association
- Says pivot irrigation has grown rapidly in his area in the last five years
- Previously owned a tunneling construction company for 30 years
- Bought his first farm seven years ago to bird hunt – says the farm has now “taken on a life of its own”

**JOHN RIVERS SUMTER, SC**

- Buddy Rivers and his son, John, grow 3,000 acres (1,214 ha) of corn and double crop wheat and soybeans
- Third and fourth generation South Carolina farmers
- Father/grandfather, J.T. Rivers Jr., age 82, still helps with the farming and “has veto power”

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A BETTER WAY TO IRRIGATE POTATOES

MAINE GROWER USES EQIP FUNDS TO SAVE WATER

Maine potato grower Keith Labrie is a leader in the potato industry and a strong believer in resource conservation practices on his land. That's why he's working with his local Zimmatic by Lindsay dealer and the Maine Natural Resources Conservation Service (NRCS) in converting to more efficient irrigation practices on his farm.

Labrie recently applied for and was granted funding from the Environmental Quality Incentives Program (EQIP) to convert from hose reel traveler irrigation to more efficient pivot irrigation. EQIP assists agricultural producers to address resource concerns associated with their agricultural operation, including irrigation efficiency.

“The Maine potato industry has worked for additional EQIP funding in the state to increase efficiencies in water use,” Labrie says. “It’s a great program and a win-win for everyone.”

**EQIP Cost-Share**

With the EQIP cost-share funding, Labrie was able to make hardware and underground piping changes that allowed him to convert a hose reel traveler irrigation system to a Zimmatic center pivot.

“We have seen immediate water savings and other efficiencies as a result of the conversion. With drop nozzles and low pressure sprinklers on the pivot, the water efficiency has increased substantially.”

Labrie uses FieldNET Mobile to monitor and control his pivots remotely.

**Zimmatic Dealer**

Mike Bragdon, Zimmatic sales representative with MPG Truck and Tractor in Maine, is working with Labrie and other Maine potato growers to increase their knowledge and awareness of the EQIP conservation program.

MPG is a grower-owned cooperative and Bragdon says it seems natural that the Zimmatic dealership should be helping to educate growers about EQIP and programs to conserve water.

“We are working to get the word out to farmers and helping them understand how to apply for funding,” Bragdon says. “MPG is an advocate for farmers and it makes sense for us to advocate for efficient irrigation.”

Bragdon says many growers are still using hose reel traveler irrigation.

“The technology is old and water runs off at the ends of the field. There are newer irrigation technologies out there that are much more efficient and don’t waste water.”

**Maine Potato Industry**

Maine is the fifth largest potato growing state in the nation.

Tim Hobbs with the Maine Potato Board says the potato industry has a multi-million-dollar impact on the state’s economy so it’s important to make sure growers in his state remain as efficient and competitive as possible in growing potatoes.

Hobbs says a recent Maine Potato Board survey showed most growers with hose reel traveler irrigation systems wanted to change to pivot irrigation.

“Mike has been a great advocate and educational resource on EQIP and efficient irrigation,” Hobbs says. “Supplemental, efficient irrigation is critical to maintaining a consistent, quality supply of potatoes for the processors in our area.”

For more information on EQIP, visit www.nrcs.usda.gov.
FAST FACTS
KEITH LABRIE
SAINT AGATHA, MAINE

- Third-generation Maine potato farmer
- Operates Labrie Farms with his brother Duane Labrie
- Farms in the heart of Maine potato country – Aroostook County
- Rotates potatoes with oats, barley, canola and other small grains
- Owns four Zimmatic center pivots and uses FieldNET Mobile to monitor and control the pivots
- Serves on the U.S. Potato Board, a grower-directed potato marketing board
- Keith, Duane and their father, Daniel Labrie, were recently recognized for their land stewardship by the St. John Valley Soil and Water Conservation District

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FROM DRYLAND FARMING TO SATELLITE-GUIDED PIVOT IRRIGATION

New Zimmatic 9500CC Custom Corner With GPS Corner Guidance Gives Nebraska Grower Added Precision, Flexibility
Third-generation Seward, Nebraska, farmer Neal Hentzen has experienced first-hand the technological innovations in irrigated agriculture.

He’s farmed dryland with no irrigation. He’s farmed using flood irrigation. He’s farmed using center pivot irrigation. Now, he’s stepping up his game and farming with a satellite-guided precision irrigation system controlled by smartphones.

Hentzen recently bought Zimmatic by Lindsay’s 9500CC with GPS Corner Guidance, which uses a Real Time Kinematic (RTK) correction signal, emitted from a built-in base station, to provide a precise corner arm path without the need for traditional buried wire guidance.

**More Irrigated Acres**

“Basically, the 9500CC with GPS Corner Guidance allows me to gain an additional 25 acres (10.1 ha) in irrigated ground, increasing my yields in the corners.”

Hentzen originally had planned to install the 9500CC using 13,000 feet (3,962 m) of underground wire to guide the corner’s path. When Hentzen’s local Zimmatic dealer, Nebraska Equipment, and sales rep Kenny Pekarek told him about the new GPS Corner Guidance, Hentzen jumped at the new precision irrigation technology.

“GPS Corner Guidance saved Neal from having to dig trenches for...”

Continued on page 16

**GOING THE DISTANCE**

When Nebraska grower Neal Hentzen decided to buy a new Zimmatic 95000CC with GPS Corner Guidance, he also decided to equip the pivot with a FieldVISION control panel and FieldNET Mobile.

This is Hentzen’s first foray into web-based irrigation management and control.

“I’m still learning it but it seems well worth the investment,” Hentzen says. “When no-till came around, people were scared of it at first. While no-till isn’t for everyone, we do as much no-till farming as possible – if it fits our operation.”

FieldVISION’s graphic display provides pivot status information in just one glance. With FieldNET Mobile, Hentzen can control his 95000CC with GPS Corner Guidance using a smartphone.

“It’s definitely the future and I want to take advantage of this technology. Plus, my Zimmatic dealer is just down the road and they have been great by helping me whenever I have questions.”
Lindsay, maker of Zimmatic irrigation products, is proud to announce a renewed, long-term commitment to customers with the launch of The Lindsay Advantage.

The Lindsay Advantage combines our tradition of strength and durability with our continued focus on new technology – all with the ultimate goal of helping to make your farming operation more profitable.

We’ve streamlined and simplified our brand and product names. We’ve redesigned and added a new look to some of our most-recognizable logos.

What does The Lindsay Advantage mean to you? It means Zimmatic by Lindsay can engineer a unique system that maximizes time, labor and water savings for your specific needs.

Zimmatic offers proven systems and products that are built to be strong, long lasting, durable and easy to use. These systems can be enhanced with a family of new add-on products that are as simple as “plug and play.”

Get to know and explore what The Lindsay Advantage and our network of knowledgeable dealers can do for you today to add value, reduce risk and take full advantage of every growing season.

**FROM PUMPS TO PIVOTS**

- **Advanced Controls**
  User-friendly control panels offer timesaving management and convenience for optimum yield.

- **Precision plug & play add-ons**
  Measure, report and manage with a variety of Growsmart products including variable rate irrigation, GPS positioning and sensors.

- **Wireless management**
  FieldNET gives you the power to manage all of your pivots at your convenience from any computer or cell phone. Fast easy access with pivot views, water usage and more.

- **Custom pumping systems**
  Innovative systems from Watertronics are custom built for optimum efficiency and durability to maximize water savings.

- **Small acreage applications**
  Built incredibly strong for their size, Greenfield pivots and laterals deliver all the labor, power and water savings of traditional pivots, but are designed to fit small applications (up to 70 acres/30 ha).
Q & A: THE LINDSAY ADVANTAGE

Randy Wood, Lindsay’s Vice President of Sales and Marketing, Irrigation, The Americas, talks about The Lindsay Advantage.

Q: What is The Lindsay Advantage?

A: The Lindsay Advantage is really the combination of two important elements that matter most to our customers: (1) machines that are strong, durable, rugged and long-lasting; and (2) an integrated technology platform that allows customers to expand the capabilities of their system with easy-to-use plug-and-play add-ons.

Q: How does it benefit growers?

A: Growers demand systems that will last, and systems that will irrigate reliably over the harshest terrain. In order to meet these demands you need strength, reliability and durability.

Customers are also getting larger, managing more machines and covering more acres. They need more eyes and ears in the field helping them direct these larger operations, and manage their time effectively. They need the time-saving advantage of managing remotely with easy-to-use controls.

Access to more information, like soil moisture or rainfall data, is allowing growers to manage resources including water and energy more efficiently. Those inputs need to come from devices that integrate easily, in a plug-and-play fashion.

We believe The Lindsay Advantage delivers all this – and more!

Q: Lindsay pivots have been renamed – why?

A: Irrigators today have a lot of variability in their operations – large fields and small fields, rough terrain and smooth terrain. This variability means they need options, and choices in their equipment. They need the ability to design a machine that is configured for a specific piece of land. And we’ve been able to meet these evolving needs by expanding the Zimmatic product line over the past several years to include multiple machine platforms each designed for a specific application or environment.

The move towards model numbers identifying each platform was really driven by our customers desire to make the ordering and design process as simple and understandable as possible – to ensure they get the best machine for their application. This change creates a very logical progression from our smaller machines, to our larger platforms, and it allows customers to clearly identify and pick a machine that meets their specifications.

The 9500 Series is our thickest pipeline, and most durable machine. The 8500 Series is a lighter pipeline machine that provides consistent irrigation for many years.

The 7500 Series machines include a smaller diameter pipeline designed for smaller fields where high crop clearance is still required. In many instances machine components from the 9500 and 8500 can be mixed and matched to arrive at the perfect balance between machine cost and strength. There are options that cover all fields, and the grower makes the ultimate choice.

WIDE RANGE OF PIVOTS AND LATERALS

Rugged, high-performing Zimmatic irrigation systems have provided proven results in varying terrain, cropping situations and irrigation requirements – season after season.

9500P
Designed for the toughest environments, the 9500P is the most durable member of the Zimmatic pivot series.

8500P
Incredible value and structural strength in a lighter pipeline machine that provides consistent irrigation for many years.

7500P
Cost-effectively irrigates smaller fields up to 60 acres and features full clearance for taller crops.
How do you successfully complete one of the largest wastewater treatment projects of its kind in Australia?

With a full arsenal of Lindsay products, including:

- 13 new poly-lined Zimmatic by Lindsay center pivots
- A fully-integrated Watertronics pump station, including five 215 horsepower (160 kw) centrifugal pumps (see related story)
- FieldNET pivot and pump wireless control technology

FAST FACTS TAMWORTH, AUSTRALIA

- Tamworth is known as the country music capitol of Australia, welcoming close to 55,000 visitors for their country music festival each January.
- Agriculture in the Tamworth area is thriving with an estimated gross production of $75 million (AUD).
- Tamworth also boasts lively regional attractions such as the Australian Equine and Livestock Centre.
Irrigation, Lindsay’s local Zimmatic dealer in Dubbo, NSW, Australia, spearheaded the recently-completed Tamworth City wastewater reuse project, which took approximately 12 months to complete. The project was designed to secure the city’s effluent disposal for up to 40 years.

The project involved decommissioning and relocating the city’s two existing wastewater treatment plants to the outskirts of town. Team Irrigation spearheaded the project, which included the installation of 13 Zimmatic pivots, each with a length ranging from 1,772 feet (540 m) to 778 feet (237 m), designed to apply .36 inches (9 mm) of water over the fields in a 24-hour period.

The Zimmatic center pivots are integrated with Lindsay’s FieldNET wireless management network, allowing for complete monitoring and control of the project. FieldNET is critical for managing the system components and text message alerts to avoid accidents.

Trenching the nearly 8 miles (13 km) of pipe.

Watertronics pumps, FieldNET key to Tamworth project

Key to the innovative Tamworth, Australia, wastewater treatment project is a fully-integrated Lindsay Watertronics pump station that is used to move the effluent from holding ponds through the Zimmatic pivots and ultimately onto 1,581 acres (640 ha) of grain and alfalfa crops.

According to John Atkinson, Watertronics agricultural sales manager, the Tamworth pumping station consists of five 215 horsepower (160 kw) centrifugal pumps, each capable of pumping 2,400 gallons (9,085 liters) per minute. The pumps are equipped with variable frequency drives (VFDs) to specifically tune pressure and flow characteristics to each pump, ensuring near perfect pressure regulation.

Electronic butterfly valves complement the VFD controls, regulating the pressure of each pump and providing backup pressure regulation in the event of a VFD failure.

A programmable computer on the pump station is used to precisely control the right amount of pressure and water needed to supply the operating pivots.

Before actual installation at Tamworth, the entire Watertronics pumping station was engineered, assembled and “live” tested at full flow and pressure at the Watertronics factory in Hartland, Wisconsin, USA, Atkinson says.

This reduced final installation and set-up time in Australia from months to days.

“This was our biggest wastewater project we have been involved in for crop irrigation and in terms of effluent water,” Atkinson says. “It’s great knowing that our technology and products can be used to irrigate crops rather than having the wastewater being dumped into the river.”

Team Irrigation spearheaded the project, which took approximately 12 months to complete, and allows for a maximum daily effluent discharge of 14.2 million gallons (54 ML).

Now, instead of being dumped into the nearby Peel River, the town’s treated wastewater is pumped through 13 Zimmatic pivots and used to irrigate 1,581 acres (640 ha) of local crops such as grains and alfalfa, which are then sold to local dairies and feedlots.

“We were proud to be involved in the project from conception,” says Craig Chandler, managing director of TEAM Irrigation. “This multi-million-dollar project was unique in that it involved numerous Lindsay products, including the pivots, pumps and all of the controls.”

The Zimmatic center pivots, ranging in length from 1,772 feet (540 m) to 778 feet (237 m), are designed to apply .36 inches (9 mm) of water over the fields in a 24-hour period.

Realm Agribusiness served as the principal contractor on the project, according to Craig Chandler, managing director of TEAM Irrigation, Lindsay’s local Zimmatic dealer in Dubbo, NSW, Australia.

“FieldNET is critical as far as monitoring and controlling all of the system components, including text message alerts. With an effluent project like this, there is no room for accidents and a broken pipe would spell disaster if it was allowed to go unchecked,” Chandler says.
Growing Pivot-Irrigated Mint in Indiana

a breath of fresh air
After irrigating, the crisp minty fragrance surrounding Shady Lane Farms, just outside of South Bend, Indiana, gives new meaning to "fresh country air."

The 800 acres (324 ha) of peppermint and spearmint fields emit an aroma that may remind you of a stick of spearmint chewing gum. When the surface of a mint leaf is disturbed, its glands release mint oil; the same product used to flavor toothpaste, candy and breath mints.

Randy Matthys, owner of Shady Lane Farms, is one of only 14 mint growers left in Indiana, which was once home to more than 200 mint farms. A booming industry in the 1940s, mint has steadily become more of a specialty crop – due to the highly complex, labor-intensive process of mint growing.

The shallow roots of a mint plant make it heavily dependent on irrigation, so choosing an irrigation method that delivers a precise amount and pressure of water is imperative. Matthys uses a combination of 20 center and towable pivots, equipped with rotating sprinkler heads to irrigate his crops. He recently purchased two pivots from his local Zimmatic dealer, Irrigation Solutions, located in Lakeville, Indiana.

“The mint crop likes smaller droplets of water. Heavy, hard drops will cause the oil glands on the leaves to burst. Zimmatic pivots and sprinkler options work well for this,” says Matthys.

Indiana’s black, sandy soil not only provides the perfect environment for producing superior mint yields, its soil type has a direct impact on mint oil flavor. Companies such as Colgate and Wrigley rely on mint oil produced in the Midwest to maintain the consistency and quality of their products’ taste.

“We produce some of the highest quality mint oil in the world,” says Matthys. “Mint grown in Indiana, Michigan and Wisconsin tends to produce a purer, milder and sweeter oil.”

Mint is a perennial plant, so once a field is established, Matthys is able to harvest the same mint crop for up to five years. He begins harvesting his crop by mowing the mint into windrows with a special swather. Then, using a forage harvester, the mint hay is picked up from the fields and transferred to wagons called “mint tubs.”

Matthys uses his own mint distillery to separate the oil from the leaves. This is done by pumping steam into the mint tubs, which vaporizes the oil. The vapor is caught, cooled to a liquid state, and stored in galvanized barrels.

From here, the oil is sold to three brokers from across the U.S. who will further refine the raw oil and ship it to the end user.

“About 70% of the mint oil produced at Shady Lane Farms is used to flavor chewing gum, toothpaste and candy. So, chances are, if a spearmint breath mint has ever saved you from an evening of embarrassment – you can thank Randy Matthys and the mint growers of the Midwestern U.S. for freshening some of the country’s favorite confections."

Randy Matthys

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Thanks to a massive pump station from Watertronics, a Lindsay Company, and innovative wireless irrigation management and controls from Lindsay, thousands of acres of previously dryland North Dakota farm ground are now being irrigated.

In addition to higher yields of corn, soybeans and other crops, the McClusky Canal Mile Marker 7.5 Irrigation Project (MM 7.5) provides increased economic activity for the region, and means less risk and more options for area farmers.

The irrigation project utilizes Missouri River water through the McClusky Canal, an original feature of the Garrison Diversion Unit Project.

Funding for the multi-million-dollar project was provided by the North Dakota State Water Commission and local irrigators. The U.S. Bureau of Reclamation guided the Garrison Diversion Conservancy District through the environmental elements of the project to ensure compliance with Reclamation law.

Element Solutions, Lindsay’s Zimmatic dealer in Bismarck, played a key role in helping to make the inaugural phase of the Garrison Diversion’s MM 7.5 Project a reality.

Innovative Lindsay Solutions
“The McClusky Canal was underutilized for many years and there were significant challenges in getting water from the canal to the farmland,” says Darrell Casteel, engineer and co-owner of Element Solutions. “My partner, Brandon Ames, and I were able to approach the sponsors with some innovative Lindsay products and solutions for making this project work.”

Those innovative products included a Watertronics main pump station,
The Watertronics pump station is capable of pumping 17,000 gallons (64,352 liters) of water per minute using five 250 horsepower (186 kw) motors, and a Watertronics booster pump station capable of pumping 7,600 gallons (28,769 liters) of water per minute using three 100 horsepower (75 kw) motors. Special patented Watertronics electronic butterfly valves are used to maintain precise water flow for each pivot in the system.

FieldNET® Wireless Irrigation Management
The Watertronics pump station is used to move the water – in some cases up to 8 miles (13 km) – from the canal to the pivots. Monitoring and full control of the pivots is provided by Lindsay’s FieldVISION panels and FieldNET wireless irrigation management for Pumps and Pivots.

“The entire water delivery system is completely automated,” says Kip Kovar, district engineer for the Garrison Diversion Conservancy District.

Kovar says one of the key benefits of the Lindsay pump stations and the pivot and pump controls is that it came as a total package system, allowing complete monitoring and control of all of the water delivery components.

“With the Lindsay system, we have ‘parent’ control over the entire project, which is really important since this is in a remote area. At the same time, the individual farmers have complete control over their own pivots,” Kovar says.

Fully Assembled and Tested Prior to Shipment
George Zach, agriculture sales application engineer at Watertronics, says the entire pump station at MM 7.5 was fully assembled and tested at the Watertronics manufacturing facility in Hartland, Wisconsin.

“Assembling and testing the integrated pump station is unique to Watertronics and allowed the system to be installed at the MM 7.5 site in a matter of days compared to weeks if the system was built and tested on site,” Zach says.

Complete Monitoring and Control
“FieldNET wireless irrigation management allows for complete monitoring and control of the entire system, including the pivots and pump stations. Garrison Diversion Conservancy District can monitor and control the entire system remotely,” Casteel says. “This is definitely one of the largest, most innovative projects we have ever been involved in.”

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According to Tanner Hoffman, Zimmatic product manager, GPS Corner Guidance improves a corner system’s adaptability by allowing changes to a field’s boundaries without retrenching. The 9500CC can also be moved to a different field, if needed, without the extra expense of additional guidance wire.

“When a grower enters the new field coordinates, Zimmatic’s SmartDesign mapping tool easily creates a new, highly precise path,” Hoffman says. “There’s also no risk of wire damage caused by rodents or lightning strikes.”

Real-Time Diagnostics
The 9500CC corner arm control panel provides real-time information and diagnostics for easy in-field adjustments. In addition, Zimmatic’s patent pending GPS Guidance Safety Control board provides an extra level of support to ensure the corner operates correctly at all times.

An added benefit for Hentzen is the precise water delivery application provided by the 9500CC since seed corn needs an even water pattern, Hoffman says.

Hentzen adds, “I’ve farmed for many years and can’t remember a year I haven’t had to irrigate. It’s amazing to go from farming dryland to gated pipes to now a satellite-guided pivot.”

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KEYSTONE PIPELINE
One of the key benefits of GPS Corner Guidance is that there is no need for buried wire in the field.

For Seward, Nebraska, grower Neal Hentzen, who recently purchased a new Zimmatic 9500CC with GPS Corner Guidance, an added benefit is that GPS technology doesn’t disturb buried utilities that may run through the field.

Part of the massive Keystone Pipeline System runs through the western part of Hentzen’s 160-acre (65 ha) field. The 36-inch (914-mm) crude oil pipeline was buried under Hentzen’s field in 2010.

“Keystone was definitely for the GPS Corner Guidance system since there would be no trenching in the field. Keystone has been great to work with, but anytime you plan to dig near the pipeline, you need to contact Keystone so they can monitor the digging,” Hentzen says.
NEW PRODUCTS!

FieldNET Pro with GPS
Lindsay introduces FieldNET Pro with GPS, a web-based irrigation controller designed for existing pivots with programmable or mechanical panels.

By retrofitting an existing pivot with FieldNET Pro with GPS, growers gain remote monitoring control, including updates and alerts on pivot status, water pressure and pivot position.

FieldNET Pro with GPS is compatible with most brands of panels, and FieldNET Mobile can be added for updates and control from smartphones.

For more information, contact your local Zimmatic dealer or visit www.lindsayfieldnet.com.

Upcoming Shows

Sunbelt Agricultural Expo
October 18-20, 2011
Moultrie, Georgia
www.sunbeltexpo.com

Potato Expo 2012
January 4-6, 2012
Orlando, Florida
www.potato-expo.com

Commodity Classic
March 1-3, 2012
Nashville, TN
www.commodityclassic.com

Irrigation Show 2011
November 6-8, 2011
San Diego, California
www.irrigation.org/IrrigationShow

World Ag Expo
February 14-16, 2012
Tulare, California
www.worldagexpo.com

World Potato Congress 2012
May 27-30, 2012
Edinburgh, Scotland
www.wpc2012.net

Lindsay Online

Looking for Lindsay online? Visit our new YouTube page at www.youtube.com/lindsayirrigation for short, informative videos on the latest Lindsay irrigation products and control technology.

You can also check out the Irrigation Advances blog at www.irrigationadvances.com for the online version of Irrigation Advances magazine.

And, as always, www.zimmatic.com is the place to go to find detailed information on Zimmatic products and features, and to locate a Zimmatic dealer near you.
NEW! FieldNET® Pro with GPS

INTEGRATED GPS POSITIONING WITH THE POWER OF FIELDNET WIRELESS IRRIGATION MANAGEMENT

FieldNET® Pro combines GPS positioning and wireless communications to enhance the efficiency and effectiveness of your existing pivots with programmable and mechanical panels. Retrofitting an existing pivot with FieldNET Pro is an economical way to gain the control and monitoring power of the FieldNET Wireless Irrigation Network, including updates and alerts on pivot status, water pressure and pivot position.

- Saves time, water and labor
- Remote monitoring and control – even on mechanical panels
- GPS provides precise control of pivot and end-guns
- FieldNET Mobile for updates and control from your smartphone

FieldNET Pro provides the convenience of FieldNET, as a cost-effective add-on for your pivots.

To learn more about FieldNET Pro, contact your local Zimmatic by Lindsay dealer, or visit www.lindsayfieldnet.com for an online demo.