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.

It’s The Future

"I never dreamed I’d be using a satellite guidance system to irrigate my crops," Hentzen says. "But, it’s the future and it’s definitely the way to go."

Hentzen, age 62, has farmed his entire life near Seward. He grows 1,460 acres (567 ha) of seed corn, commercial corn, soybeans and grain sorghum. Most of his crops are irrigated with pivots. He shares equipment with his cousin, Dennis Hentzen.

The new 9500CC is located on a quarter section of ground that was previously flood irrigated. This is Hentzen’s first corner system, which has seven towers and spans equaling 1,500 feet (457 m).

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 Kenyo Polsark 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

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New Advances

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.

Contact Info:
Nebraska Equipment
1277 28th Road
Seward, NE 68434
402-643-6641
nebraskaequip.com

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.

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— Neal Hentzen

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

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

Upcoming Shows

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.