

## Ohio News Watch

## Sweeping change

By TIM WHITE

**H**EINZ-GUSTAV Reisser is a pioneer of new products and technologies who also farms near Coshocton. His engineering firm NIAMA-Reisser LLC offers a wide range of high-tech product design and manufacturing services.

The company has designed new products like a patented internal combustion engine, ceramic pistons and ceramic two-stroke liners. NIAMA-Reisser is also known in the tractor pulling and diesel performance industry because it supplies companies and original equipment manufacturers with custom and series turbocharger compressor impellers both bigger and smaller than 7 inches, along with custom and series diesel plungers/barrels and injector nozzles.

Time in the tractor and combine has had a strong influence on Reisser's innovative roots. NIAMA-Reisser's agricultural catalog features a grain harvester camera system mounted on the auger that enables producers to see around blind spots and unload on the go. The firm also manufactures a stainless-steel sprayer boom that eliminates concerns about stress fractures and corrosion. The 90-foot boom weighs about 1,570 pounds without hydraulics attached because high-strength stainless steel minimizes the tubular cross-sections.

The most recent addition, however, are heat-treated, wear-resistant replacement

## Key Points

- NIAMA-Reisser LLC provides agricultural and engineering services.
- Firm's new cultivator sweeps are made from hardened metal for longer wear.
- Farmers can save money due to less labor required replacing sweeps.

sweeps for field cultivators.

"We found we had to change our sweep wings nearly every season," Reisser says. "They would wear so thin after as few as 800 acres. It was becoming quite expensive."

So three years ago, he began testing new wings designed by the company to last longer and deliver a better seedbed. They are molded using metal that is treated to increase hardness and strength. The resulting product lasts longer.

"We have seen as much as 2,700 acres on ground without gravel, but most usage is going to be 1,200 to 2,000 acres," he says.

Farmers will save money with the new sweeps by reducing labor, Reisser says. In addition, they cost less. So far the company is selling mainly to distributors and OEMs. Prices to distributors are as low as \$6.75 per sweep at significant order quantities. The average farmer can buy the sweeps direct for less than he or she would pay at an ag dealership.

"Why would you pay \$9 for something that is going to wear out so quickly when



**SAVING LABOR:** Heinz Reisser shows the easily attached features of his company's new sweep cultivators, which come in either bolt-on or knock-on versions.

you could buy something that is going to last much longer for less money?" he asks.

The sweeps come in widths of 7.5 and 10 inches, and are available as bolt-ons or knock-ons.

"These sweeps do a good job of turning the soil 360 degrees so the weeds end up face down and roots in the air," Reisser says. "After a couple of days of drying, they are dead."

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