

Strip-Till Dream Machine

Same Day Nitrogen Application And Corn Planting

ADVANCE, MO.

Paul Lanpher, Advance, Missouri farmer and nine-time winner of the Missouri no-till irrigated corn yield contest, believes his "strip-till dream machine" featuring the C-Jet, will reduce the amount of ammonia gas lost during application on no-till fields and increase yields.

Lanpher recently updated his "strip-till dream machine" a strip-till unit, which allows same day corn planting. Lanpher explained, "on strip-till it saves a lot of fuel and time by putting this nitrogen under the row and spreading it out. With the wings on the knives, it spreads the nitrogen out and allows us to put the nitrogen down in the spring and come along and plant right over it, even the same day."

The "strip-till dream machine", builds a good conventional seedbed strip and spreads the nitrogen 6-8 inches under the seedbed in a band 8-10 inches wide.

"Hit it with the strip-till machine and then come along two, three, four or five hours and plant over it," he added.

"We are shooting for higher yields, saving on labor and fuel. It is good for the environment and conservation. If you have got rolling ground or wind blowing soil, strip-till has really got a place there," said Lanpher.

Dr. Gene Stevens, University of Missouri Commercial, conducted experiments during 1998 and 1999. Experiments showed the C-Jet shank increased corn yields numerically as compared to applying the same rate of N with an applicator from a local coop. Two-year results showed that corn yields with N applied in the row middles produced 156 bushels per acre with a conventional fertilizer straight shank. Corn yields averaged 163 bushels per acre with the same rate of N applied with the C-Jet shank in the middles. When anhydrous

was applied with the C-Jet under the row, corn yields increased 8 bushels more per acre as



Paul showing one of the knives he makes. It runs about 7 or 8 inches deep, lifts and loosens the soil and spreads the nitrogen out behind the wings.

Photos by John LaRose, Jr.

compared to applying it with a C-Jet in the middles.

To see this conservation tillage fertilizing team working, call Paul Lanpher at 573-722-5331.

Lanpher's website is <http://www.bigrivertel.net/~planpher/testing.html>.

Visit www.montagmfg.com for more information. △