



The Krofts pull their home-built manure applicator behind their honey wagon. Applicator mounts on the frame of an old DMI pull-type chisel plow.

## Liquid Manure Injector Leaves Residue On Top

"My son Dave and I had been looking for a way to inject liquid hog manure without disturbing the soil and residue. When Yetter Mfg. came out with their new no-till coulters injector, it got our attention," says Dale Kroft, Wabash, Ind.

"After thinking about it, we decided it might not be a good idea to add almost 2,000 lbs. of weight to the back of our old honey wagon. We decided to make a pull-behind applicator. We had an old DMI pull-type chisel plow that wasn't being used anymore so we decided to use it as a carrier.

"We bought six Yetter units, mounted them on a 7-in. square tube, and bolted the tube to the back of the chisel plow frame. We put on a distributor box, a 3-in. hose to each row unit, and a 6-in. flex hose from the honey wagon. We ran a heavy-duty hitch from the front of the honey wagon to the rear and added some hydraulic lines with quick couplers at the rear so we can unhook the applicator in less than 2 minutes.

"The cost of the applicator, including the 6 units, the steel, the chisel plow, distributor box, hoses, hydraulics, and labor, was right at \$8,500.

"The way this applicator is built, it actually puts weight on the rear of the honey

wagon when in transport position. The bar and units can be removed as there was very little welding done to the chisel frame. We could put a 3-pt. hitch on the bar and use it as a mounted unit for a dragline or use the wheeled frame as a chisel plow again.

"We used the applicator last fall on about 100 acres and were very satisfied with the job it did. It buried most of the liquid. It also pulls easy. We didn't have to work the ground in the spring to plant corn.

"There are some things we don't particularly like. It is stretched out 15 ft. farther to the rear than a mounted unit and it puts a lot of weight on the chisel frame, wheels and bearings. Even though the bar and units weigh 2,000 lbs., we had to add front end weights to make the units penetrate the hard ground.

"All in all, this applicator is doing what it should by not disturbing the soil and not polluting the water and air for our family and neighbors."

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Modified skid steer loader bucket has a 2-ft. long chute with a 6-in. sq. opening. A sliding door over the opening controls the flow of seed.

## Bobcat Drill Fill Makes Seed Handling Easy

"I use my Bobcat skid steer loader to fill my grain drill using a home-built chute that lets me precisely direct the flow of seed wherever I need it," says Ron Zumberger, Quincy, Ohio.

"I bought a used skid steer loader bucket and partly enclosed it with steel. I added a 2-ft. long chute on the end with a 6-in. sq. opening. There's a sliding door over the opening that controls the flow of seed.

"I use an 18-in. piece of rubber inner tube to add length and help direct seed. The tube also helps seal up the chute, keeping beans in and dirt out.

"The bucket measures 54 in. wide, which allows me to fit it between the tires on the hopper wagon. I fill the bucket with about 10 bu. of grain, which fills one of four hoppers in our grain drill."

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An 18-in. piece of rubber inner tube (tucked inside the opening in photo) adds length and helps direct seed.

## Log Wizard Sharpens Posts, Debarks Trees

You won't believe what you can do with the "Log Wizard", an add-on accessory for any chainsaw that'll sharpen fence posts, debark trees, and serve as a notcher, router and planer.

The one-of-a-kind attachment is produced by Goldec International Equipment, Inc. in Red Deer, Alberta. It's especially popular for fencing and log home construction.

Debra Johnson of Goldec says, "This unique product has been on the market since 1986 but many people still don't know about it. We're currently exporting to Norway, Japan, New Zealand, Mexico, Russia, Austria and Switzerland."

The Log Wizard weighs less than 3 lbs. and uses two 3-in. blades – the same blades used on Makita planers. Therefore, replacement blades are readily available at any store carrying Makita products. The blades are reasonably priced, at about \$25 per set of two. Makita also makes a 3-in. carbide blade that can be used for longer wear.

The unit mounts to any chainsaw sawbar with two bolts in less than 10 minutes. You must install a new saw chain that's one size bigger than the existing chain.

Its universal seven-tooth spline adapts to both 3/8 and .325 chain, and both sprockets



Unit bolts onto any chain saw sawbar and has two 3-in. blades. It can be used to sharpen fence posts or debark trees.

are supplied.

The Log Wizard's suggested retail price is \$229 U.S. Dealer and distributor inquiries are welcome. A video is available upon request.

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Home-built tool is much longer than the Deere tool, allowing Heaton to adjust both front and back units on his 750 grain drill from a standing position.

## Depth Adjusting Tool For Deere Drills

Troy Heaton of Industry, Ill., didn't like the depth adjusting tool provided by Deere & Co. for its 750 grain drill. So he made something better.

"The trouble with the Deere tool was that I had to crawl under the drill or go over the top to make depth adjustments," Heaton says.

With his home-built tool, he can adjust both front and back units from a comfort-

able standing position because it's much longer than the Deere tool.

The tool is about three times as long and has a mini spoon on the end of it that fits into a slot on the gauge wheel to make the depth adjustment.

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