



Plastic banding hoods cut application rates and increase accuracy.

## CONCENTRATES CHEMICAL IN A BAND

# "No Drift" Spray Shield Works In High Winds

"I've sprayed in winds up to 30 mph with no drift," says Ray Clark, Pontiac, Ill., who built his own sprayer equipped with molded plastic spray hoods that concentrate chemical in a band on row.

Even when there's no wind, Clark says the sprayer saves money by cutting down on application rates because of the way it concentrates the spray.

Clark mounts the sprayer on the front of his tractor. Hydraulic controls allow him to carry the shields as low as 2 in. off ground. Shields are 19 in. wide, 13 in. high, and 34 in. wide. He worked with local manufacturer Gil Jacobs at Ryan Mfg., Newark, Ill., to produce the spray shields. They're fitted with a nozzle on top and one on each side. A hood complete with nozzles, fittings, clamps and hose sells for \$72.30. Clark sells a complete 8-row, 30-in. sprayer for \$1,700. It includes 8 plumbed hoods ready to hook to the sprayer supply line, all support hardware, a 2 by 2-in. carrier bar, a 20-



Clark's plastic hoods can be purchased individually to mount on an existing sprayer.

in. stroke lift cylinder, and two Red-Ball flow monitors. Each sprayer is custom-built to fit different tractor fronts. For \$1,150, Clark can build an 8-row sprayer that attaches to a front-end loader. "My neighbor attached his to a loader bucket. He's happy with it," Clark notes.

If you want to go wider than 8 rows, Clark plans to build a folding bar.

For more information, contact: FARM SHOW Followup, Ray Clark, Rt. 3, Pontiac, Ill. 61764 (ph 815 844-5468).



The new ATV rockpicker handles rocks up to 500 lbs. Front fork lifts rocks into rear dump bucket.

## DOESN'T DIG UP FIELD

# First ATV Rockpicker

"I needed a rockpicker that I could take into seeded fields without tearing them up," says Roland Beaulieu, Vonda, Sask., who built a nifty self-dumping ATV rockpicker that leaves fields smooth and without ruts.

Pulled by a Honda 250 4-wheeler, it'll handle rocks up to 500 lbs. A front fork lifts the rocks up and into a self-dumping rear rock box.

"It leaves fields smooth and without ruts. That's especially important in my lentil fields because we have to go in to pick rocks turned up by seeding but when we harvest we need to work close to the ground," says Beaulieu, who built the picker from the ground up.

Power is supplied by a 12-volt battery hooked to a Ford starter motor. The starter motor drives a 3,000 psi hydraulic pump that supplies two 2-in. lift cylinders. One cylinder raises the rock fork and the other dumps the rear box. The battery is recharged by the alternator on the ATV,

which Beaulieu says has excess charging capacity. The fork and rock box can both be dumped on the go. Both hydraulic cylinders are one-way so the fork and rock box lower from their own weight.

Beaulieu says he picks small rocks traveling at speeds as high as 8 to 9 mph. The fork can be set to run 1 to 1 1/2 in. below the surface. The 3-ft. wide fork is made up of 3/4-in. hardened carbon steel.

Beaulieu spent a total of about \$1,600 for materials. He says any car or pickup starter would work to drive the hydraulic pump but he chose a starter from a 1954 Ford because it has a long drive shaft. He's used the picker on more than 600 acres and a neighbor used it for 1,000 acres. He has patented the rockpicker and is looking for a manufacturer.

For more information, contact: FARM SHOW Followup, Roland Beaulieu, Box 265, Vonda, Sask. S0K 4N0 Canada (ph 306 258-2185).



With one motion the portable Lever Lacer squeezes the laces tight enough to clinch the teeth.

## YOU CAN LEAVE THE BELT IN THE BALER

# Portable Belt Splicer

A farmer-invented portable belt splicer makes it easy to repair broken belts in the field. In most cases, you don't even have to remove the belt from the baler.

Charles Wehling, Broken Bow, Neb., says the "Lever Lacer" works with belts up to 10 in. wide. "Without this lacer, you have to take the belt out of the machine and back to the shop vise to repair with a vise lacer. Often, because shop vises don't squeeze the lacer tight enough, you have use a narrow plate and re-squeeze the splice an inch or so at a time on both sides. With one motion, our portable lacer squeezes the laces tight enough to clinch the teeth," says Wehling,

adding that "Other portable lacers that have been on the market are much more expensive and complicated than the Lever Lacer."

Wehling has sold the Lever Lacer locally for three years and nationally for the past year through the Morrison Belt Co., (Rt. 1, Box 564, Anthony, Kan. 67003 ph 800 835-2024). Wehling also sells the Lever Lacer direct. It works in conjunction with conventional vise lacers ranging in size from 4 to 10 in. wide.

For more information, contact: FARM SHOW Followup, Charles Wehling, Rt. 1, Box 35, Broken Bow, Neb. 68822 (ph 308 872-5515).



New tractor-mounted one-row picker dumps into a tag-along wagon or drive-along truck.

## RUBBER GATHERING BELTS

# One-Row Sweet Corn Picker

You can harvest damage-free sweet corn for fresh markets with a new mechanical 1-row picker developed by Byron Enterprises, Inc., manufacturer of full-size 6-row pickers for both sweet and seed corn.

The lightweight 1-row pto-driven picker mounts on a tractor 3-pt. Rubber gathering belts strip off the ears and feed them to rear-mounted, rubber-coated conveyors that

dump into either a tag-along wagon or drive-along truck. The 1-row unit has the same features as the company's full size headers.

Sells for \$9,990.

For more information, contact: FARM SHOW Followup, Byron Enterprises, Inc., 10480 Brill Rd., Emmett, Idaho (ph 208 365-2606).