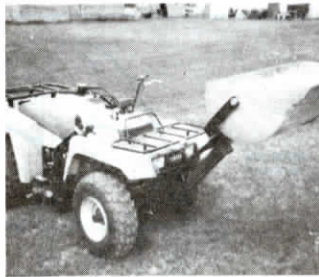


## ATV-Mounted Loader

"I built a loader for my 4-WD ATV so I could use it to move dirt and snow. It can raise a 250-lb. load up to 4 ft. high. Really comes in handy," says Adam Roerick, Tolna, N. Dak.

The first-of-its-kind ATV loader is equipped with a 42-in. wide, 16-in. high bucket that's just wider than the wheels of Roerick's Yamaha 350 TerraPro. The bucket is raised or lowered by a 2 1/2-in. dia., 3-ft. long hydraulic cylinder that's mounted on a bracket between the ATV's front wheels. The cylinder is powered by a pto-driven hydraulic pump (salvaged from an old swather) that's mounted on the pto in back. Roerick uses a control valve bolted onto the bottom of the ATV's foot peg to operate the cylinder. A rope trip is used to dump the bucket.

"It raises high enough to dump into a pickup bed," says Roerick. "I push down with my heel to raise the bucket and down with my toe to lower it. I can adjust pins on the loader arms to lock the bucket in three different positions - level with the ground, 1 in. above the ground, or with the bucket's cutting edge in a vertical position for scraper



work. I can quickly replace the bucket with a 4-ft. wide blade by removing four pins from the loader arms.

"I also use the bucket for spraying by bolting a 10-ft. long boom on the front edge of the bucket. Putting the boom in front lets me spray weeds before the wheels run over them. I also use a 50-ft. long hose hooked to a 30-gal. tank on back to spot spray."

Roerick made the bucket out of a steel 40-gal. water pressure tank, cutting it apart lengthwise and welding on added material to beef up the cutting edge.

Contact: FARM SHOW Followup, Adam Roerick, Rt. 1, Box 4, Tolna, N. Dak. 58380 (ph 701 262-4765).



## Deep Placement Dry Fertilizer Bander

"Our new deep placement dry fertilizer bander uses a separate air chamber for each row for more accurate placement of fertilizer over all rows," says Ken Clark, NewMatics, Inc., Algona, Iowa.

The self-contained unit consists of a 5-ton fiberglass hopper mounted ahead of a toolbar equipped with either knives or sweeps. A pto-driven hydraulic pump powers a large blower mounted in front of the hopper. The blower sends air into a series of stainless steel "acceleration chambers" mounted at the bottom of the hopper. Air spins around inside each chamber and picks up fertilizer metered to it by a ground-driven auger inside the hopper. The spinning air blows the fertilizer through hoses back to the toolbar where it's injected into the soil.

"The blower's individual 'acceleration chambers' ensure that the same amount of fertilizer is delivered to each row," says Clark. "They were invented by Iowa farmer Roger Montag. They move air very efficiently and at a much slower speed than

conventional blowers which reduces the horsepower requirement. It takes only 5 to 8 horsepower compared to 25 to 40 horsepower for some deep placement banders. You don't need a big 4-WD tractor to pull it.

"As far as I know it's the only deep placement dry fertilizer bander that's designed as a complete self-contained unit. No other tools or implements are required as opposed to other types of air banding units which usually are only the delivery system and require a field cultivator or other tillage equipment. Our system can be adapted to no-till, ridge-till, or conventional till. It also works great for planting small grains or soybeans."

Available in 8, 9, and 12-row models and can also be custom made in 6 or 16-row models. An 8-row model sells for \$13,900 and a 12-row model sells for \$16,900.

For more information, contact: FARM SHOW Followup, NewMatics, Inc., Box 631, Algona, Iowa 50511 (ph 515 295-3063).

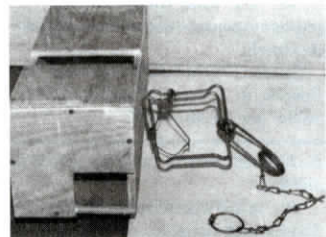


Photo courtesy FARM & DAIRY

## "Barnyard Safe"

### Rat & Squirrel Trap

Here's a new "barnyard safe" trap from famous rural pest eliminator Harold Bailey, better known to FARM SHOW readers as "The Friendly Trapper".

Bailey, of Columbiana, Ohio, makes his living getting rid of pest animals, rodents and insects. He's known for his cheap, common sense remedies for pest problems. He gives hundreds of speeches a year to rural groups and also hosts a popular radio call-in show. In addition, he has a book out that gives hundreds of his most popular hints.

"The problem with setting traps around the farm is that you've got to worry about children and pets getting into them. This new trap solves the problem," says Bailey.

It consists of a small plywood box 21 in. long and 7 in. wide - with a 2-in. slot in the top just big enough to insert a conibear-type trap. There's a hole in each end about the size of a tennis ball. You fasten a light piece of wire across the trip wires on the conibear trap before inserting it.

"If you're after rats, take a slice of bacon and rub it all over the floor of the trap. Then set the trap and put a black plastic flap over the top of the trap since rats like to go where it's pitch black. They will never see the sun rise again after they go in the box.

"If you're after squirrels, put salted or unsalted peanuts in the shell in the trap.

"This trap really gets the job done and you don't have to worry about it doing harm to anyone or anything."

Bailey's book sells for \$12 (postpaid). Contact: FARM SHOW Followup, Harold Bailey, The Friendly Trapper, 3014 Middleton Road, Columbiana, Ohio 44408 (ph 216 549-2010).

## Replacement Parts For Case-IH, Deere Drills

New 2-piece replacement parts for Case-IH and Deere grain drills make repairs quick and easy by eliminating the need to disassemble the machine to install them.

Sand Iron & Steel, Inc. recently introduced a replacement trunion and a rockshaft bracket replacement.

Ordinarily, to replace worn trunions on Case-IH and Deere press drills, you have to almost completely dismantle the drill. Sand Iron's 2-piece replacement simply bolts onto the current shaft and is ready to go in minutes. Sells for \$20. "Worn trunions allow uneven pressure on disc openers which leads to poor seed placement. Making it easier to replace them means you can keep your drill in top operating condition all the time," says Bill Sand, owner.

Worn rockshaft brackets on Case-IH drills also affect planting accuracy, resulting in seed depth variations of up to 1/2 in. But to replace a worn center bracket, you have to disassemble the shaft. Sand Iron's bracket bolts in place around the shaft once you cut away the old bracket. Sells for \$29.95.

Contact: FARM SHOW Followup, Sand Iron & Steel, Inc., HCR 3, Box 2C, Langdon, N. Dak. 58249 (ph 800 526-7263 or 701 256-5111).

## New Bale "Ventilator" For Big Square Balers

An Iowa commercial hay producer has designed and built what he calls the first bale "ventilator" for big square balers.

Velere Stromer, along with partner Harold Winston, hopes to market the patent pending hole maker by this fall. He says he's had tremendous interest, including calls from several equipment manufacturers.

The ventilator spike makes a 2-in. dia. hole through the center of the bale. Stromer, who has tested the unit for 3 1/2 years, uses his ventilator on a Vicon MP 800 baler. However, he says it's adaptable to most other midsize baler models that make 500 to 1,000-lb. bales and can also be used on big balers that make bales weighing 1,500 to 2,000 lbs. On larger machines it can be designed to make holes up to 4 in. in diameter.

Stromer says his new ventilator will al-

## New-Style Press Wheel Tires Help Boost Seed Germination

"They provide a tighter pack of soil around the seed to help boost seed germination, providing better, faster and more uniform plant emergence," says Drill Disc Supply of its new-style replacement tires for grain drill press wheels.

The company offers replacement tires in two different design configurations. One is a flat tire with a raised center rib measuring 1/2 in. high and 1/2 in. wide. The other is an inverted V-shape with a pointed center crown. "We offer both styles so customers can choose whichever one they prefer. There doesn't appear to be any significant differ-

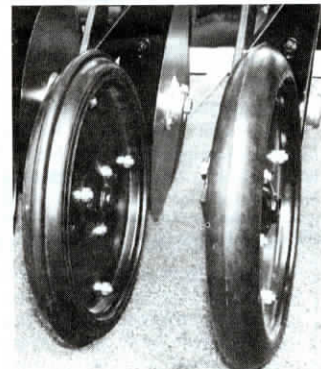


Photo ribbed press wheel tire (left) and inverted V-shaped tire (right).

ence between the two from the standpoint of improving seed germination," says Tom Laubach, manufacturer.

The raised rib replacement tires, made of the same material as factory originals, sell for \$7 each in the 2 by 13 size, and \$9.50 for the 2 by 16 size. V-shaped press wheel tires, available only in the 2 by 13 size, sell for \$7. Complete press wheel assemblies, equipped with your choice of standard, high-center rib or "V" shaped tires, sell for \$28.50.

Contact: FARM SHOW Followup, Drill Disc Supply, Hwy 58 South, P.O. Box 8A, Canton, Okl. 73724 (ph 800 633-7183, or 405 886-2259).

Contact: FARM SHOW Followup, Velere Stromer, Stromer at Quality Hay of Iowa, Box 31, Klemme, Iowa 50449 (ph 515 587-2287).