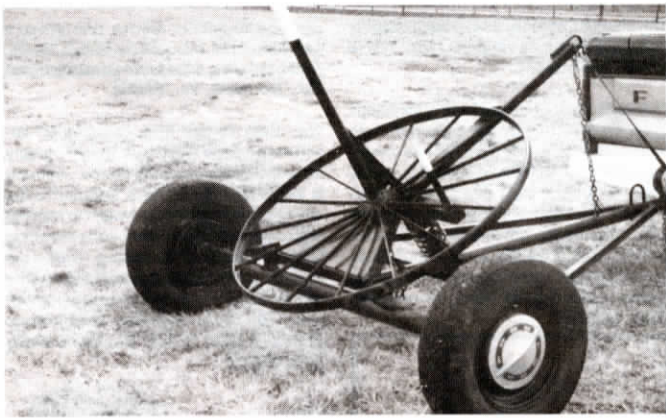
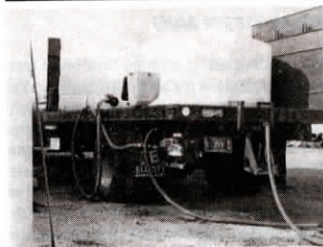


# Reader Letters



I made this bale mover using an old steel rake wheel with a spear mounted on the hub. It rides on a 2-wheel axle and is raised and lowered by a hand-cranked winch. When the bale is in the raised, transport position,

it's cushioned by an automotive coil spring mounted behind the wheel. Lets me haul bales with my pickup. (Mark Klein, 1318 So. Arlington, Sedalia, Mo. 65301 ph 816 826-4051)



My chemical injection system makes it easy to inject chemicals into a spray tank while standing on the ground. I mounted an old insecticide box from an IH planter - with a plastic funnel wedged inside - over a stake pocket on the truck bed that carries my bulk poly tanks. The plastic funnel, which sticks down through the hole, holds 1 gal. of liquid so measuring is simple. A transfer pump mounts on a platform under the back corner of the truck bed where it's out of the way. I carry 28% nitrogen in the big tank and liquid fertilizer in the small tank. (William Beckerman, Rt. 4, Mt. Carmel, Ill. 62683 ph 618 298-2430)



I'm sending along a photo of a Farmall F20 tractor that a friend of mine, Isaac Newswanger, Kutztown, Penn., rigged up with high wheels to foliar feed corn with liquid fertilizer. I occasionally rent it to fertilize my corn and thought it would be something exotic to show other FARM SHOW readers.

It's a repowered Farmall F20 with a 4-cyl. Ford industrial engine and hand clutch hooked up directly to the transmission. The 7-ft. tall steel wheels were homebuilt, resulting in a 51-in. axle clearance. A 110 gal. steel tank mounts underneath the frame and a Hypro high-pressure pump mounts on the pto. It pumps fertilizer out through a rainbow fan nozzle mounted behind the driver. It sprays a 30 ft. swath at a time at about 100 psi. It gets the job done. (Aaron W. Burkholder, 460 Bowers Rd., Kutztown, Penn. 19530)

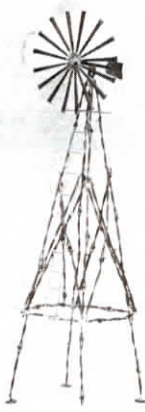


This picture shows a "Swing Auger" that I bought to replace the plastic tub at the base of our transport auger. With the help of a local welding shop, I fabricated a receiver/mount at the base of the auger. It has a full pivot hinge like commercially built units. Lets the swing auger pivot nearly 270°. It will completely disassemble for bearing removal and flighting repair. The chain drive and its cover are outside the receiver, away from grain and dust. It also has a removable plexiglass panel for inspection and to grease the transport auger bearings. I also modified the "pit" of the swing auger to increase its capacity to better match the transport auger's capacity. I did this by welding an 8-in. long piece of auger tubing into the pit at the universal joint end. The tubing prevented what I call "grain boiling" at that end and helped to push grain past the universal joint. This modification lets us use a smaller, older tractor with a smaller capacity hydraulic pump to operate the augers. (Mike Arn, 220 W. Maple, Van Wert, Ohio 45891)



We have a new sod cleaner that we began using last year that reduces the weight of sod by over 50 percent. My brother Brian and I came up with the idea as a way to reduce shipping costs. It also makes sod easier to handle for the customer and soil-free sod also needs less water for maintenance, re-roots substantially quicker, and has a longer shelf life on the pallet. In addition, we're able to keep most of the soil on the farm or you could market the topsoil for additional income. The only other soil removal system on the market is a sod washer that uses large volumes of water. We use mechanical means of removing soil. We're excited about the prospects of soil-free sod and feel certain it will soon become a large part of the market. We've applied for a patent on our machine. (Darrell H. Bouchard, Washington County Turf Farms, RFD 1, West Kingston, Rhode Island 02892 ph 401 789-8177; fax 401 789-3895)

I make miniature windmills out of barbed wire and square nails. The frame and legs are wire while the fan blades are nails. The top of each windmill turns 360° and the blades spin freely. They're left in their original rustic finish but with gold accents. They're available in three free-standing sizes or as flat-mount wall decorations. (Willie Bitz, P.O. Box 1165, Jamestown, N.Dak. 58402 ph 701 251-2489).



Several years ago FARM SHOW ran a story on our rock crushing machine that crushes

rocks where they lie in the field (Vol. 10, No. 4). We want to let your readers know that we're still in business and have made several improvements on the machine, which is now widely used in Spain. The 5-ft. wide crusher is fitted with 36 tempered steel hammers. It requires at least a 100 hp. tractor to operate and runs off a 540 rpm pto. The free-wheeling hammer shaft keeps vibrations to a minimum and prevents tractor overload. Working depth is adjusted by shifting transport wheels. It'll crush rocks up to 1 1/2 ft. dia. traveling at speeds up to 1 1/2 mph. Sells for \$16,000. Smaller sizes also available. (Eduardo Escribano Fachal, Commercial Director, Tiburon, Esquedas 12, 50014 Zaragoza, Spain)

One of my "best buys" was when I subscribed to FARM SHOW Magazine because since then I've bought two Bryan outdoor wood furnaces, made a leaf-shredder from plans sent to me from an inventor in Canada, learned of a company that sells old-fashioned link chain, and I'm now in the process of building a 3-wheeled off-road motor scooter based on pictures in FARM SHOW. I've also built a powered rocking horse made out of an old pump jack for my grandson age three. It works great but so far he's scared to death of it. (Robert D. Troxel, Rt. 2, Box 250, Mt. Vernon, Mo. 65712 ph 417 466-3539)

Here's an idea we use in our dairy operation to handle new-born calves. We have a long barn. When a cow calves on the end away from the calf pens, we use a mechanic's creeper with a tie-down strap on each end to hold the calf in place and a rope to pull it fastened onto the front. It doesn't require much lifting - you just roll the calf onto it. It's a gentle way to handle a weak calf. (Loren R. Notsch, 10429 135th St., Kimball, Minn. 55353)



We've had tremendous response to your article on our new header kits for Ford and Chevrolet diesel pickups that boost horsepower by up to 35% and increase fuel economy by up to 33% by eliminating the problem of exhaust back pressure. We wanted to let your readers know about our new header kit

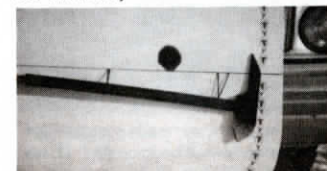
for 5.9 Cummins turbo diesels. It consists of headers to the turbo and a dual exhaust. The free-flow header to the turbo boosts performance and eliminates lag time by letting the engine breathe better. Splitting the mufflers behind the turbo adds to the effect. We use two 2 1/2-in. mufflers with 2 1/2-in. dia. pipe all the way to the back of the vehicle which gives you 38% more volume than a single 3-in. pipe. We also take away a lot of the bends to make exhaust flow better. To install, you simply rotate the rear half of the turbo down 180° and bolt on the header. You don't have to remove any of the turbo parts. (Brian Newbaker, Brian's Auto, RV, & Diesel, 11104 Pacific Hwy. S.W., Tacoma, Wash. 98499 ph 800 424-3458 or 206 581-4302)



Collecting "TractorCards" is fast becoming a favorite hobby of many tractor enthusiasts. Our cards can now be purchased from more than 40 dealers across the U.S., including a number of John Deere dealerships. Recent ads in the "TractorCard Trader", a newsletter issued five times a year, have offered \$60 to \$100 for the original 5-card set issued in 1991 at a price of \$3.00.

There are two 15-card sets of Deere tractors available for 1993, each packaged separately in hard plastic containers. They sell for \$7.00 each. Set 93-1 is a collection of John Deere high-crop series tractors while set 93-2 pictures the John Deere 20-series tractors. A third collection, called Set C, consists of six cards of various other old tractors (no John Deeres). It sells for \$3.00.

Each card has a 4-color picture on front and the name of the owner on back, serial number, year built, and other statistics as well as a trivia question about tractors. (Ray Schmidgall, TractorCards, 1988 Willoughby Rd., Mason, Mich. 48854 ph 517 676-1835)



My "Woman's Hay Knife" is my wife's best friend. I made it because my wife and other