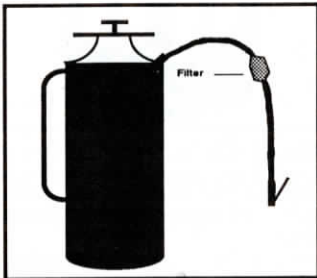


Reader Letters



You may be interested in a helpful idea I came up with for my hand held sprayer. Every now and then the nozzle would clog up and I'd have to take it apart to clean it. I got the idea of installing a filter in the hose between the tank and the nozzle. The filter is a clear plastic automobile fuel line filter that costs about \$2.00 and is held in place by a pair of hose clamps. This filter completely eliminated all plugging problems. (Don Richman, 1977 Byberry Rd., Bensalem, Penn. 19020)

I want to thank you for your outstanding farm paper which has encouraged my interest in new harvesting equipment and flotation techniques for reducing compaction. In fact, I've been so interested in new equipment coming out of the U.S. that I entered and won a scholarship contest that will allow me to travel to the U.S. for 10 weeks to study improved harvest techniques and compaction of soils by combines and haul-out equipment. Maybe I'll meet your editors during my trip. (Colin Dahlenburg, Farm 1093, Murrami 2705 New South Wales, Australia)

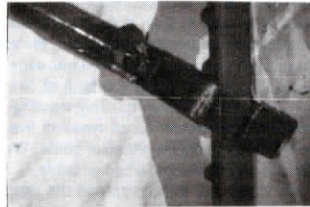
On May 30, 1991, after my father and son had replaced a radiator hose that burst in our 1982 Deere 4640 tractor, my son reached in the cab to start the tractor so we could finish filling the radiator with water and check for leaks. The tractor started in gear when the neutral safety switch failed, crushing my father between the tractor and a pickup. He spent three weeks in intensive care and another 19 days in the hospital and still has to have another operation. Please advise all your readers to check their tractors and other powered equipment to see if they will start in gear. (Steve Sanford, Friendship, Tenn.)

Here are some interesting ways to use 20 Mule Team Borax freshener, which you can find in the grocery store (it has a picture of a girl on it). 1-Mix equal parts sugar with Borax and spread it around wherever you have ants. It'll kill 'em. 2-Mix equal parts of coconut flakes with Borax to kill roaches. 3-Thoroughly rub 20 Mule Team Borax onto your dog and then comb it out. All insects, including ticks and fleas, will fall off belly up. 4-If you have sore feet or athlete's foot, put a teaspoon full in each sock and it will cure your problems. Doesn't take long.

Your readers can feel free to call me with any of their pest problems. (Harold Bailey, "The Friendly Trapper", 3014 Middletown Road, Columbiana, Ohio 44408 ph 216 549-2010)

I would like to hear from anyone who's ever mounted a Lilliston 6200 pull-type dry bean combine on a self-propelled combine chassis. (John T. House, 22 Alaska Road, Riverton, Wyo. 82501)

I have been making these steel post pulling hooks since 1965. They attach quick and stay hooked, even after the post is pulled



and they won't bend the post. Just fasten it to a 3-pt. lift or front-end loader. I've used it on steel posts around trees where roots have grown over the fish plate. They would have broken a 3/8-in. chain but didn't damage my hook at all. I sell them for \$28 postpaid. (Edwin H. Bredemeier, Rt. 1, Box 13, Steinauer, Neb. 68441)



My "Tractor Guides" take the stress out of maintaining correct spacing when cultivating, rod weeding, harrowing, drilling or spraying. They're made from lengths of 1/4-in. sq. key stock that attach to the corner posts of the tractor cab with screws. The sight fingers are made of the same material, welded to flat washers that are held in place by 1-in. carriage bolts fitted with wing nuts, making it easy to adjust the angled fingers anywhere along the full length of the guide. A set of guides sells for \$23. (R. Archie Peters, Cayton, Sask. SOC 070 Canada ph 306 454-2238)

In the last issue of FARM SHOW there was a story about a home-built gooseneck trailer built out of a truck that will carry a 450 bu. box. I think people should figure out what a trailer can haul in pounds, not bushels, since 450 bu. of oats weighs 13,500 lbs. but 450 bu. of wheat weighs 27,000 lbs. I know that the heaviest tandem axle with dual wheels is rated at 24,000 lbs. If you were hauling wheat, you'd have 27,000 lbs. of wheat plus about 4,000 lbs. for the trailer box. That puts you well above the safe limit. If you're going to pull a trailer like this around, I hope you have good insurance.

A year or so ago there was a farmer with a gooseneck trailer with a single tired tandem axle under it. He stated that it would haul 400 bu. Again, the heaviest single tire axle you can get has 8,000 lb. capacity so the carrying limit of that trailer was 16,000 lbs. That is, if you can find a tire rated at 4,000 lbs. And since 4,000 bu. of wheat weighs about 24,000 lbs., you'd better be careful what you haul.

Another problem with converting trucks into trailers is that most old trucks have the bed balanced over the axle. When you make them into a trailer, the axle is too far forward unless you shift the trailer box ahead. If you don't move the bed forward, you won't be able to control the load correctly or have the traction you need to pull a load. (Clyde R. Lowe, Rt. 2, Box 250 AAA, Chanute, Kan. 66720)

After 17 years of lowering and lifting my trailer loading ramps, my back finally got tired of it. My father-in-law suggested I install a winch system to handle them. On each side of the trailer, I welded a 2 by 2 by



I made this handy bolt rack out of old milk jugs for holding rows of bins for bolts, nails, screws, roll pins, etc. I got the idea after putting up a peg board to hang tools and wanted to find a use for the wall space below. I made shelves out of 2 by 6's and 2 by 4's, mounting them at a slight upward

angle and then did a little surgery on one side of each jug. The handle is still on each jug so you can easily pick them up to carry to the job. I identify the contents by writing on the end of each jug. (Joe Stephens, 411 Joseph Rd., Dunkerton, Iowa 50626)



40-in. long angle iron to a 4 by 4 by 1/4-in. plate. I drilled two 3/8-in. holes on each end of the plate and bolted the plate to the trailer side rail. On top of the side of the 2 by 2 angle iron I drilled a 3/8-in. hole and installed a 3-in. pulley wheel that I bought at a building supply store. I bought two 600-lb. hand winches, two small shackles, two hooks and 30 ft. of 1/4-in. nylon rope at a boat supply store. I installed the hand winches 30 in. ahead of the 2 by 2 angle iron, installed the rope over the 3-in. pulley wheels, and then tied the rope to the winches and to the hooks that I attached to the shackles.

Total cost of materials was \$75. (Lee Roy Campbell, 608 Bryon, Angleton, Tex. 77515 (ph 409 849-5227)



I'm sending along two photos of chrome bale thrower racks we built. I think they're the only ones of their kind. We got the chrome material from old gym equipment that was thrown out so we were able to buy it reasonably. The chrome is shiny and good looking and will maintain its appearance virtually forever. The wagons have hoists so they can be unloaded out the back. One wagon holds 300 bales and the other 258 bales. They've already appeared in a number of parades. (Carl H. Greenwood, Farley, Iowa)

I noticed an article in your last issue about a mini jeep one of your readers built so I thought I'd send along a photo of a camouflaged jeep I built for my 4-year-old son during the Desert Storm war last year. It's 4



1/2 ft. long and 2 ft. wide. The rear end is off an old Sears riding mower and there's a Briggs & Stratton 3 1/2 hp. motor that mounts above it fitted with a centrifugal clutch. The body is made out of 18-ga. sheet metal. I built the frame from scratch out of 1-in. sq. tubing. My son has a ball driving it around dressed in his Desert Storm clothes. (Rick Matthews, Route 1, Box 90, Cisne, Ill. 62823 ph 618 835-2681)



This post hole auger cart allows one-handed movement of an otherwise very awkward 3-pt. hitch implement. It also stores it off the ground neatly and compactly. To hitch the auger to tractor, you start with the top link and then step on the front of the cart to release the two lower hitch pins. To return the auger to the cart, I chain the auger in the horizontal position and just lower the 3-pt. onto the cart. The cart weighs only about 10 lbs., made out of 1-in. round tubing. The wheels came from a push mower.

I've used this cart for 4 years and my back is very thankful! (Don Drake, Rt. 1, Locust Hill, Ontario, Canada L0H 1J0)

My "Easy Opener" for opening gravity wagon gates is a handy tool to have around. I came up with the idea at the co-op elevator where I work. It's made out of 3/4-in. pipe and is about 3 ft. long. It's bent to fit the curve of the gate opening wheel. There's a 3 by 4-in. piece of angle iron welded to one side of the pipe. It fits over the top of the wheel. A 3-in. long, 3/4-in. solid shaft welds to the bottom of the pipe and hooks onto the wheel spoke. Because the tool doesn't fit permanently to