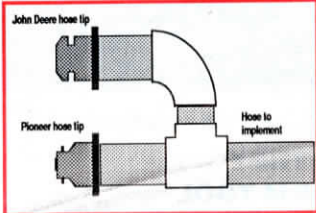
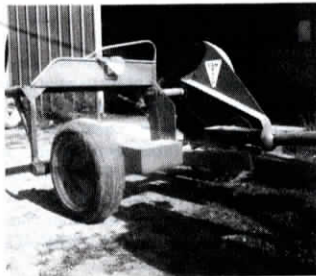




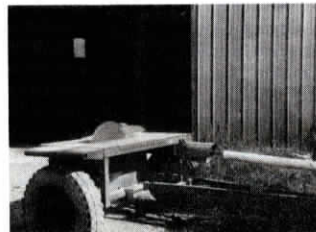
My great grandson came over one day and was playing with sand and a small dump truck. He was putting sand into the truck with his hands. That's when I got the idea of making a toy conveyor. It's made out of wood with a rubber V-belt fitted with plastic cups. You crank the handle to turn the conveyor belt. Children will play with it for hours. I have plans to build it. (John Harp, Rt. 1, Easton, Ill. 62633 ph 309 562-7457)



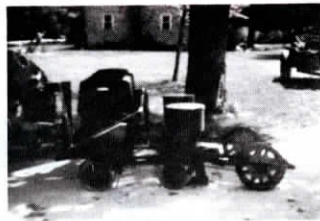
I came up with a double hydraulic hose tip that I often put on used equipment to make it easy to use tractors with different hydraulics without having to use adaptors. It's very easy to install by simply replacing the present tip with the nipples, elbow and tee as shown in the attached drawing. (Dan Goedken, Rt. 1, Box 115, New Vienna, Iowa)



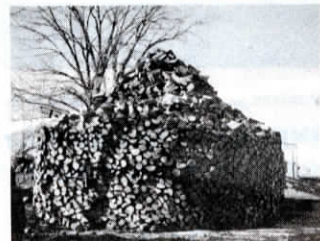
I made a crosscut saw rig out of parts from a Gehl hay crimper, including the gearbox, V-belts, pulleys, power shaft, wheels, and even the tongue - in fact, virtually all the parts are Gehl except for the saw and arbor. The blade is 32 in. dia. Logs are placed on a tipping table. Any tractor with 25 pto hp. or more can power it. Being on wheels, it's easy to transport and store.



I also made a rip saw from an old Case chopper. I use it to sharpen fenceposts and cut small lumber. I simply removed the flywheel and replaced it with a saw arbor and a 30-in. dia. rip saw and a flat cutting table. I also installed a bigger drive pulley for more saw speed. Any small tractor can power it. (Charles Matyka, W. 4073 Trout Ave., Rib Lake, Wis. 54470 ph 715 427-5253)



I'm sending along a photo of our 2-row no-till corn planter which we built using odd parts from various Massey Ferguson 4 and 6-row no-till planters. Older MF planters have interchangeable parts so we were able to mix and match as needed. There are two fertilizer hoppers up front with seed hoppers trailing behind. A hydraulic top link from the tractor to an upright "mast" at the front of the planter provides down pressure to cut through residue. Foster Equipment Co. of Geneva donated the parts and Fred Norton Welding Co. of Rock Creek did the engineering and welding. I furnished the desire for such a planter for small acreage farmers. (John B. Gaynor, 6556 Dawsey Rd., Rock Creek, Ohio 44084 ph 216 474-5895)



I am a long-time subscriber to FARM SHOW and I enjoy it very much. I'm sending you a picture you might want to publish. My brother Earl and I cut this wood last winter. We ricked the wood in the outside circle and then filled the inside with a hay elevator. There are 25 cords in the pile. My brother is 71 years old and I'm 73. (Sam Grenenbacher, 6400 Broadway, Quincy, Ill. 62301)

The 5th Annual International Case Heritage Exposition will be held from August 29 to Sept. 2 in Mt. Pleasant, Iowa. Equipment and memorabilia from virtually every phase of the J.I. Case line's nearly 150 year history will be on display. This year's expo will be held in conjunction with the 42nd Midwest Old Threshers Reunion. Some examples of equipment to be on display include a vintage sulky plow from the late 1800's, a 1/3-scale working model of a 65-hp. Case steam traction engine, a 1910 9-30 Case traction engine, a 1916 50-hp. Case Steamer (which was only used for 5 threshing seasons and is one of North America's most beautiful "50's"), a Case baling crew using vintage equipment from the 1920's and 30's, many classic gas tractors, Case cars (produced from 1910 to the 1920's), plus many special exhibits of Case memorabilia, artifacts, photos, models, toys, and so on. Helen Case Brigham, great granddaughter of J.I. Case will be on hand to meet and chat with persons attending. For more information, send a self-addressed stamped envelope. (Arthur P. Brigham, Case Heritage Foundation, P.O. Box 5128, Bella Vista, Ark. 72714)

I enjoy your magazine very much and look forward to each issue with pride. My family enjoys looking through it, too. It's the best reading material we've got next to the Bible. One thing we would like to see is more stories about some of the shops owned by the inventors featured. We're sure there must be some outstanding ideas in the shops owned by these brilliant farmers. (Charles Puckett, Rt. 2, Box 6256, Auburn, Ga. 30203)



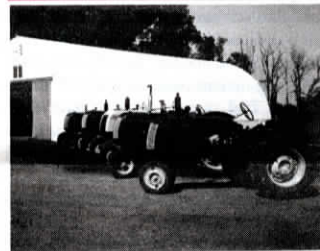
Here's a good way to get rid of moles and gophers. Just remove the muffler from a lawn mower, screw a steel pipe elbow into the engine, and attach a length of electrical conduit to the elbow. Then slip the pipe down into the tunnel and start the engine. To create more smoke in the exhaust, add a bit of diesel fuel to the gas tank.

I recently discovered a new way to kill ants. Mix up equal parts of 20 Mule Team Borax soap with powdered sugar and spread the mixture around wherever ants are a problem. The sugar attracts them and the soap kills them when they eat it. The best thing about this idea is that it's environmentally safe and cheap.

I've also come up with a new method to kill ground hogs. You need empty mineral feed

bags (the type with paper on the outside and plastic inside) and gasoline. Ground hogs usually have two holes. Plug up one hole and then put a little gasoline in the bag and shove the bag down in the hole, sealing it in with dirt. The gas reacts with the plastic, creating fumes that kill the animals. Works great.

Since your original report on my "home brewed" solutions for getting rid of pest animals and insects, I've appeared on call-in radio programs all over the country, including WGN out of Chicago and WCCO in Minneapolis. Your readers can feel free to call me anytime they have a problem. (Harold Bailey, "The Friendly Trapper", 3014 Middletown Rd., Columbiana, Ohio 44408 ph 216 549-2010)

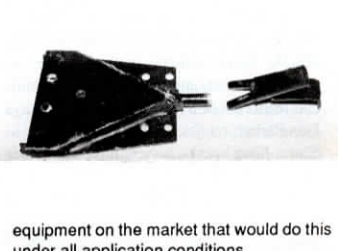


Enclosed is a photo of some of the Cockshutt tractors I've rebuilt over the past eight years. One of my biggest problems has been finding parts. I've waited as long as two years before I found the parts I needed. I do all the work myself. I first go through the engine and transmission before painting the entire tractor. I have mostly Cockshutt but have also redone several Farmalls, an Oliver and a Minneapolis Moline. I have also done restorations for other people. (Don Javers, Rt. 1, Box 77, Harrisburg, S. Dak. 57032 ph 605 743-2249)

Thanks for running the photo and information about our grease gun and grease cartridge carrier in the last issue of FARM SHOW. The carrier mounts with a single bolt on tractors, combines and other equipment. Unfortunately, the price quoted was wrong. It sells for just \$11.50. (Connie Mulder, K & M Manufacturing Co., Renville, Minn. 56284 ph 612 329-3301)

We converted a forage wagon with side discharge to spread chicken manure. Forage wagons hold far more than the largest regular manure spreader. Works very well with sawdust type litter. (Richard Law, 4471-176th St., Rt. 2, Surrey, B.C. V3S4N8 Canada ph 601 574-3632)

We are mainly continuous corn farmers and were having problems with corn yields. When I heard about the seedling health yield increase from using Lorsban banded insecticide, I contacted Dow Elanco's research engineers. I was told they would like to have Lorsban applied 50 percent in furrow and 50 percent in a flat band to get the best effect. The only problem was that there was no



equipment on the market that would do this under all application conditions.

So I designed, built and patented a bander and a flow splitter that would do the job. It took several tries to develop a flow-splitter that split the flow into two streams that were equal and that Dow Elanco thought would work. This is now my third year to use the equipment. The first year on test plots using Lorsban I had about a 4 bu. per acre yield increase using my equipment versus IH banding equipment. Using my equipment and Lorsban on first year corn, I had a 13 bu. an acre yield increase versus no Lorsban.

The next year I built equipment to fit Kinze and Deere planters. My neighbor had a 13 bu. yield increase on continuous corn.

This year, I supplied and sold about 150 units of banders and flow splitters to farmers for use and testing. I also send units to several universities for evaluation.

On a regular bander, such as Deere's, when it is tilted the granules are able to run out the downhill side of the bander. With my bander, the granules are forced to flow to the uphill side of the bander on a diagonal baffle. When granules enter the bander, they are focused on a plate with a hole on each side. When the bander is level, granules flow evenly through both holes. As the bander tilts, more granules flow out the down hill hole in the plate. The granules then are forced to flow uphill on the diagonal baffle. By proper spacing of holes and deflectors, the band pattern and width is formed.

Dow Elanco's engineer tested my bander design (data available) against several other banders and recommended the design to Case-IH and Kinze. I sell the banders for \$25 and the flow splitters for \$5. (Larry Conrad, Rt. 1, Box 103, Delta, Iowa 52550 ph 515 624-2380)