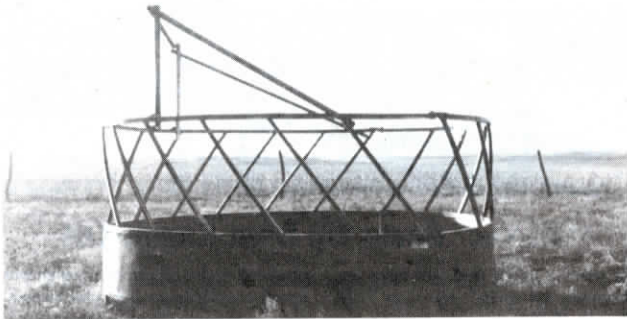


# Made It Myself

(Continued from previous page)



## “How I Put Two Big Bales In One Feeder”

A Kansas cattleman, who wanted to feed cattle less often without buying more round bale feeders, says he discovered a simple way to put two big bales in one bale feeder.

“I started out by stacking one bale on top of another but too often the top bale would roll off,” says Roger Kuntz of Grainfield. “That’s when I got the idea for a bumper bar that mounts to one side of the feeder, fastened to the top rails. By placing the bottom bale off center and the upper bale to the opposite side, the top bale rests against the bumper bar. As cattle eat, the upper bale slides down into the feeder gradually. You get twice the use out of one feeding.

“This idea has saved me time and money. I used steel pipe to make the bumper bar.”

Contact: FARM SHOW Followup, Roger Kuntz, Rt. 1, Box 69, Grainfield, Kan. 67737 (ph 913 673-5560).



## Garden Tractor Wood Chipper

“It’ll chip branches up to 4 in. in dia. and won’t kill no matter how fast you feed it,” says Larry Dunn, Iona Station, Ontario, who used the flywheel off an old Chevrolet 427 car engine and a 4-in. long cutter blade to build a pto-driven wood chipper that mounts behind his Allis-Chalmers 416 garden tractor.

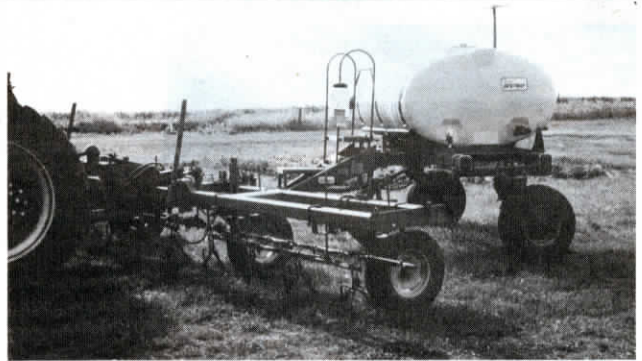
Dunn bolted the cutter blade to the face of the flywheel and enclosed it inside a 20-in. sq. housing made from 1/4-in. thick steel plate. Chips discharge out the bottom, which is completely open. He used 3/16-in. sheet metal to make a tapered feed chute with a 4-in. sq. opening and bolted it to one side of the housing. He cut a 3/4-in. wide, 3-in. long slot in the flywheel to let chips pass through, then mounted the flywheel on one end of a short steel shaft. He mounted a pulley on the other end of the shaft - outside the housing - so the flywheel can be belt-driven off a gearbox at the rear of the tractor.

“It’ll chip any branch that’ll fit into the chute,” says Dunn. “I built it because I have a lot of trees that require pruning and cutting. I had been burning the cuttings but I thought that was wasteful. I use the chips as mulch for flower beds and around trees and shrubs. Commercial units sell for \$1,400. I spent only about \$400 to build mine. Most commercial units have



only a 5 or 6 hp engine that’ll lug down on large tree limbs. My garden tractor has a 16 hp engine that operates at 3,600 rpm’s. The flywheel operates at the same speed as the engine. Another advantage of my chipper is that it eliminates the need to maintain another engine.

“To operate the chipper, I use a lever to lower a spring-loaded idler pulley onto the drive belt. I use an inclined sheet of 3/4-in. thick plywood to deflect chips to the side. The chips fly out the bottom of the housing with so much force they chew a hole through the plywood in only two hours. If I were to build another one I’d



## Anhydrous Applicator Turned Into Sprayer

David Hegland substituted nozzles for shanks when he converted this anhydrous applicator into a heavy-duty spray rig.

He suspended two spray booms made out of 1-in. sq. steel tubing from the double toolbar, each fitted with a separate hose line. One’s fitted with broadcast spray nozzles and the other with band nozzles so he can switch between booms depending on what chemical he’s spraying.

The suspended spray booms mount on home-built brackets that Hegland can easily adjust up or down as needed. A

750-gal. spray tank trails behind on a 2-wheel caddy.

Using the heavy-built trailing toolbar gives Hegland a well-built spray rig that’s easy to maintain at the correct height. Hegland paid just \$300 for the used anhydrous toolbar and around \$500 for additional iron, tubing and nozzles to put the spray rig together. He can band apply up to 70 acres with a single tank load of herbicide.

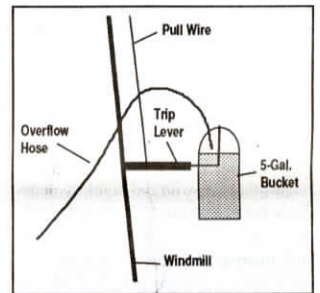
Contact: FARM SHOW Followup, David Hegland, Rt. 1, McCallsburg, Iowa 50154 (ph 515 434-2979).

## Automatic Windmill Shut-Off

In an effort to conserve water, Texas farmer John Grabber came up with a simple automatic shut-off switch to mount on windmills used to fill stock tanks on remote pastures.

He first attaches an L-shaped lever to the pull-down handle on a windmill and then hangs a 5-gal. bucket in the notch on the upper end of the lever. Then he runs a hose from the overflow pipe on the stock tank to the bucket so water flows into the bucket after the tank fills up. When the bucket fills up, it trips the lever, putting the pump out of gear.

He uses the same system on electric pumps except that a 1-gal. pail is big enough to shut off a switch.



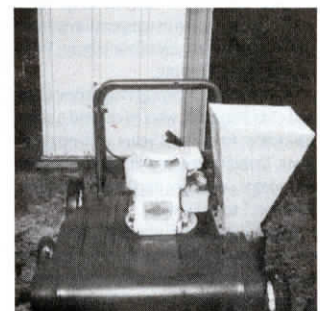
Contact: FARM SHOW Followup, John Grabber, P.O. Box 180, Umbarger, Tex. 79091 (ph 806 499-3385).

## Modified Mower Chops Straw

James Clark, Hudson, Fla., says he’s used this modified mower deck as a straw shredder for more than 20 years to chop straw for bedding strawberries.

“It chops straw up so fine, you can blow it into the strawberries and it won’t cover the plants. Makes good mulch,” says the 84-year-old gardener.

He cut a hole in the deck and mounted a small sheet metal hopper above it. A wooden “shear block” bolts to the underside of the deck, to one side of the hole. The blade sweeps across the hole and then past the block so it helps chop straw



as it drops down. The cutting edge of the blade is reversed so it pulls material downward, making the shredder self-feeding. A spacer beneath the blade lowers it enough to clear the shear block, which is made of seasoned oak.

The mower’s powered by a 3 1/2 hp. Briggs & Stratton engine. Length of cut can be varied by changing engine speed. Clark also uses it to chop up garden waste and small branches.

Contact: FARM SHOW Followup, James S. Clark, 18815 Shore Dr., Hudson, Fla. 34667 (ph 813 862-7708).

build a steel plate onto the bottom of the housing.”

Cutting a slot in the flywheel removed a lot of weight and put it off balance. Dunn mounted a bolt in the other side of the flywheel to equalize the weight. “It’s best to use flywheels off old car engines because they’re balanced. A lot of the flywheels on modern engines aren’t balanced,” notes Dunn.

Contact: FARM SHOWS. Followup, Larry Dunn, Box 4, Iona Station, Ontario, Canada N0L 1P0 (ph 519 764-2229).