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"GREAT FOR FENCE ROWS, DITCHES"

Tractor "Fogger" Sprayer Made From Dryer Fan

An old corn dryer fan fitted with spray nozzles and directional controls makes it easy to spray weeds in hard-to-reach places, according to an Illinois farmer who used the idea to build his own "fogger" sprayer.

George Wiemers, of Greenview, built the tractor-mounted "fogger" to spray weeds and brush in waterways, ditches, along fence rows, and in other places where it's difficult or impossible to go with a conventional sprayer or mower. "I wanted something that could be easily controlled so I could raise and lower it and change the direction of spray from the cab," he told FARM SHOW.

He started with the blower from an MC corn dryer. He built a 3-pt. frame for it that lifts the fan 10 to 12 ft. high. The blower is chain-driven by the pto through an arrangement of sprockets and shafts he rigged up.

Ten spray nozzles mount across the discharge side of the blower. Six of the nozzles are controlled by one valve and 4 controlled by another. Wiemers can use either set of nozzles individually or all 10 nozzles at

once, depending on how much spray is required. Directional fins across the face of the blower can be electrically controlled - via an old power window motor - to direct the spray. In addition, the entire blower fan can be rotated clockwise or counter-clockwise to change the position of the directional fins.

"It's so easy to control you can direct spray toward a 4 to 5-ft. tall tree 20 ft. away and not hit anything else," says Wiemers, who uses the sprayer to kill scrub willow trees, and other brush, with 2-4D. Chemical is carried in a pair of saddle tanks. A small gas engine-driven spray pump mounts next to the left tank.

Although he hasn't tried it, Wiemers says the fogger-sprayer could also be used to apply chemicals to row crops under certain conditions. It could also be used to apply insecticides to livestock.

Contact: FARM SHOW Followup, George Wiemers, Rt. 1, Box 75, Greenview, Ill. 62642 (ph 217 968-5554). (By C. F. Marley)

ALLOWS ONE-MAN HAY HAULING

"Self-Unload" Bale Mover

"Our new round bale mover and bale spear lets one man load, transport, and unload round bales," says Billy Mendenall, sales manager for A & A Products, Genesee, Mich.

A & A's new BG 2 "self-unload" bale mover is designed to mount on your own running gear. The rig is 18-ft. long and holds six 6-ft. dia. round bales (up to 2,000 lbs. each). You can load them using the company's new "self leveling" bale spear that mounts on a pickup or tractor. Once you've loaded the trailer, you hook up either a tractor or pickup. The trailer features patented "non hydraulic" bale cradle locks for self unloading. "You don't need a second piece of equipment in the yard to unload bales, and you don't need tractor hydraulics," says Mendenall.

To unload, simply pull a safety pin on the bale cradle handle at the front of the transporter and push the handle toward the center of the trailer which releases all the locks. The weight of the bales pushes the bale cradles downward, causing the bales to tip away from the trailer. The same process is repeated on the other side of the trailer, leaving all bales on the ground so you can

stack them or take the bale mover back to the field to pick up another load.

When mounted on a tractor 3-pt., the 3-pt. bale spear is equipped with a 12 by 3 in. hydraulic cylinder which replaces the top linkage arm on your 3-pt. hitch.

The pickup-mounted bale spear is powered by a 12-V two-stage hydraulic pump and an 18 by 3 in. hydraulic cylinder. A 10-ft. cord with a toggle switch lets you operate the spear from inside the cab. You can easily remove the spear, freeing up the bed of your pickup.

Also available is the BG 1 self unload transporter. Its trailer is equipped with a tandem 3-ton axle and electric brakes on the front axle, making it safe to pull at highway speeds.

The BG 2 bale mover sells for \$3,295 and the BG 1 bale transporter sells for \$7,295. The 3-pt. hitch spear sells for \$549.95. The pickup-mounted spear sells for \$2,995. A videotape of the bale mover and spear in action is available for \$3.00.

For more information, contact: FARM SHOW Followup, A & A Products, P.O. Box 143, Genesee, Mich. 48437 (ph 313 736-8176).



Keith Scott put a 1969 Chevrolet 350 cu. in. engine in a 1941 Deere spreader.

POPULAR ATTENTION-GETTER AT PARADES, CELEBRATIONS

Motorized Spreader Gets Lots Of Smiles

"We get lots of smiles," says Keith Scott, Mound, Minn., about the first-of-its-kind motorized manure spreader he and his father, Ken, built out of a 1941 Deere spreader.

Keith got the idea from a clown car he saw in a parade that was built from a spreader with a motor in it. Since he already had a collection of manure spreaders, Keith decided to motorize one of them.

He chose a 1941 Deere spreader because of its strong, all-metal construction. The spreader was "junked out" and sitting on four flat tires. They blew up the tires - surprisingly they then sand-blasted the body of the spreader and painted it John Deere green.

Keith bought a 1969 Chevrolet for a friend for \$75 and removed the 350 engine, automatic transmission, radiator, drive shaft, power brakes, and rear end. He salvaged a steering column from a 1940 Ford truck and a tie rod from a 1975 Ford pickup.

The Scotts hooked the original apron-gear lever on the spreader to the transmission controls so that when it looks like Keith is putting the apron in gear, he is actually shifting the transmission to park, neutral,

drive or reverse. For safety's sake, a kill-switch mounts on the floorboard. The driver must keep his left heel on it at all times to keep the engine running.

The gas tank was fashioned from a 16-gal. beer keg fitted with a 2-in. dia. filler spout and an Allis Chalmers filler cap. Friends helped shorten the drive shaft, wire up the electrical system and put the finishing touches on the spreader. High-back fishing boat seats mount up front and a musical horn was installed as well as halogen headlights.

A hydraulic pump and motor turn the yellow beaters. A second hydraulic motor operates a refrigerator compressor that pumps air into a freon storage tank. The compressed air is used to blast a steam engine whistle.

Although the spreader is capable of speeds up to 70 mph, Keith holds it to speeds of 20 mph or less. He plans to take the spreader to parades, threshers' reunions, and other celebrations throughout the Midwest.

Contact: FARM SHOW Followup, Keith Scott, Box 317, Mound, Minn. 55364 (ph 612 472-2987).



Bale spear loads bales onto "non-hydraulic" bale cradles that unload bales without the need for tractor hydraulics.