

**ABOVE-FLOOR SYSTEM CUTS DRYING TIME "UP TO 50%"**

# New Way To Dry And Aerate Grain

Conventional bin-drying systems dry only from the bottom up. Now comes the new Helfer System from Grain Guard Mfg., Edmonton, Alb., that dries from the bottom up, and from the center out.

"Our new system reduces static pressure by up to 2 in., resulting in up to 50% less drying time compared to conventional duct systems," says Herb Anderson, co-owner.

The Helfer System consists of a horizontal, Y-shaped duct positioned above the bin floor (the optional "Suspend-Air" mounting system lifts the duct high enough to allow a sweep unloading auger to operate underneath), and a vertical center section 6 to 10 ft. tall, depending on bin size. The circular ducts (horizontal and vertical) are 15 in. in dia. and made of expanded metal.

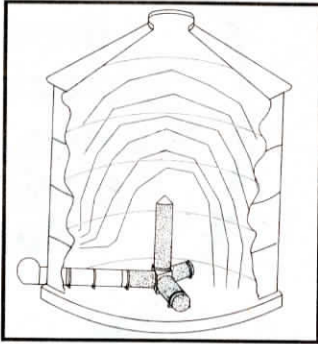
Cost to equip a 19 ft. dia. bin, for example, is \$500. "One man working alone can install a complete above-floor system in less than an hour," says Anderson. "In bins already equipped with a perforated false drying floor, we suggest adding only the vertical Helfer duct at a cost of about \$170."

For large bins, Grain Guard offers vertical "wall wings" to ensure rapid, uniform drying of grain in the lower part of the bin along the outside wall.

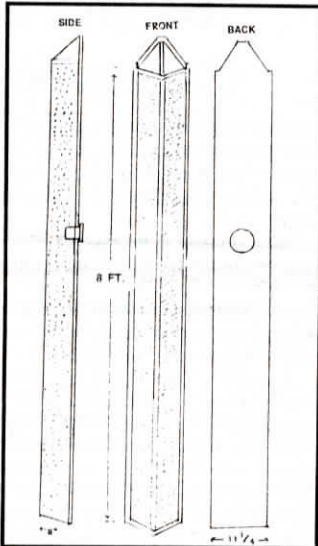
A "wall wing" consists of a louvered 8 ft. high duct with a solid back, a self-cleaning peaked cap, and an open bottom. It ties into a single port on back side which exhausts air through bin wall and outside. From 3 to 6 "wall wings" are attached to inside wall of large bins, depending on diameter.

Grain Guard offers an open core, double walled vertical "Rocket Duct" aerator for hopper-bottom bins with up to 10,000 bu. capacity. It's 100% self-cleaning — the screen louvers face downward so seeds don't get caught in perforations. Self-leveling legs allow the Rocket Duct to adapt to any slope hopper. Available in 30 or 45 in. dia., and in 4, 6 or 8 ft. heights.

For more information, contact: FARM SHOW Followup, Grain Guard Mfg., 9705 56th Ave., Edmonton, Alb. T6E 0B4 (ph 403 434-7111).



The Helfer duct directs the air flow upwards and outwards to the sides of the bin creating an "explosion" effect. Floor ducts push air down and out.



Louvered "wing wall" ducts are 8 ft. high and 11 3/4-in. wide, with a solid back, self-cleaning peaked cap and an open bottom.

## SAVE DOWNED EARS, SOYBEANS Handy New "Crop Lifters"

"Crop lifters" from C.F.C. Distributors, Inc., Roann, Ind., lift corn ears that might otherwise fall to the ground during harvest, according to the company.

"They provide just enough lift to get the ear to the snapping rolls before it can be shelled or ground up in the field," says Ralph Bolinger, president. "If stalks are laying over, the ears tend to rub against the side of the head or go underneath the snapping roll. 'Crop lifters' raise them up far enough so the ears reach the snapping rolls. The units also lift beans to help prevent in-field loss with row crop heads."

To install, you simply insert the small pointed end under the cone on the nose section of the snout guard and position the plastic "crop lifters" at the top of each snout by drilling holes and bolting them into place.

They fit most popular corn and row crop heads and sell for \$8.95 per row.



Plastic "crop lifters" are bolted into place at the top of each snout.

For more information, contact: FARM SHOW Followup, C.F.C. Distributors, Inc., Rt. 1, Box 181, Roann, Ind. 46974 (ph toll free 800 548-6633; in Ind. 317 833-4231).

**WEIGHS JUST 450 LBS.**

# One-Man Bean Buggy

You'll like this farmer-designed one-man bean buggy that weighs just 450 lbs., moves along at speeds up to 7 mph, and has "hands free" foot-operated steering controls.

Bud Nitzsche of Wisner, Neb., designed the Nitzsche Weeder for use on his own farm. He had so much interest from neighbors who got a look at the machine he decided to manufacture it. "I built my own machine because I didn't like the bean buggies already on the market. I worked it out on paper and didn't make many changes after it was built. Some farmers already have more than 500 acres on the machine with no problems. I've heard nothing but good comments," says Nitzsche.

The 3-wheeled machine is powered by a 5 1/2 hp. Honda engine, which Nitzsche used because of its low noise level and efficiency. The rear wheels are chain-driven through a differential. The front wheel is used to steer and can be controlled by either the hand lever or with the footrests. The machine travels at speeds from 1/2 to 7 mph with 5 speeds forward and one in reverse. It's got an over-center, belt clutch and hand-operated disc brakes. The tires are 5 in. wide and 22 in. tall. Wheel rotate on 1,000-lb. Timken roller bearings.

Although it's lightweight, Nitzsche says the weeder is almost impossible to tip over because of the wide wheel base and low center of gravity. There's 35 in. of clearance at the back to "walk" the machine over maturing soybeans, or other crops, without



Buggy's front wheel is used to steer and can be controlled by either a hand lever or with footrests.

damage. A safety bar locks in place in front of the operator.

Sells for \$1,995. Options include a 4-gal. hand pump sprayer (\$100), a mounted sunshade umbrella (\$65), a tow hitch (\$50), a 14-gal. belly-mounted electric sprayer with all parts included (\$360), and a rear-mounted Spielder wick-type applicator with an electric lift which mounts at the rear of the machine and raises and lowers from 2 ft. to 5 ft. with a 3-position switch (\$620).

For more information, contact: FARM SHOW Followup, B & B Manufacturing, Rt. 2, Box 237, Wisner, Neb. 68791 (ph 402 529-6169 or 6023).



"Gras-Kat" mower quick-attaches to the front of the skid steer loader and quick couples to its auxiliary hydraulics.

## MOUNTS IN PLACE OF BUCKET

# Front-Mount Mower Deck For Skid Steer Loaders

A new 5-ft. wide mower mounts like a bucket on skid steer loaders, says Midwest Mower Mfg., Inc., Cimarron, Kan.

The "Gras-Kat" mower quick-attaches to front of the skid steer loader with two pins and quick couples to the skid steer's auxiliary hydraulics. Cutting blades are driven by a high-speed hydraulic motor mounted on the deck, which floats with loader's flotation system. A pair of caster wheels mount in front of the deck and hard rubber rollers mount at the rear to prevent gouging.

"You can go up to 8 mph and because skid steer loaders are so maneuverable it works great for mowing between trees inside

windbreaks and orchards," says Don Sligor, president.

All belts and sheaves are shielded for safety. The mower trims from the left side and discharges clippings out the right side. Flipping up the side discharge chute allows "two-side" trimming.

Fits Bobcat, Gehl, Case, Deere, New Holland, Prime-Mover and Hesston skid steer loaders.

Sells for \$2,150.

For more information, contact: FARM SHOW Followup, Midwest Mower Mfg., Inc., P.O. Box 187, Cimarron, Kan. 67835 (ph 316 855-2324).