

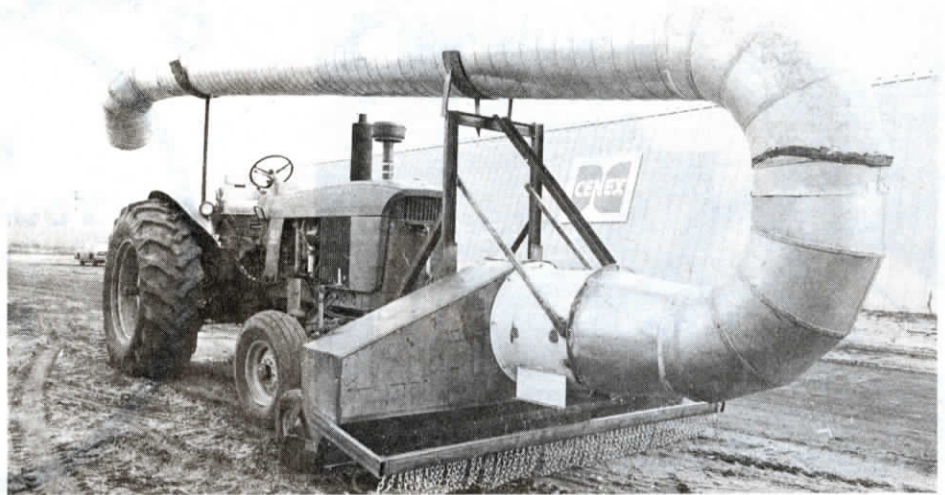
Crop Saving Vacuum Sweeper

A field vacuum sweeper made from a crop dryer helped flax growers in Roseau County, Minn., salvage a "lost crop" last fall.

Wet weather delayed harvest and before farmers could get in with combines, most of the flax bolls had dropped off and fallen to the ground. When a flax grower challenged Dwight Roll, manager of the Farmers Union Oil Company Co-op to come up with a way to salvage the crop, Dwight hit on the idea of a field-size vacuum sweeper.

Vacuum for sweeping flax bolls off the ground is created by two 7 bladed 24 in. fans salvaged from a crop dryer and driven by a front pto drive. Chains around the outer perimeter of the sweeper help bounce flax bolls off the ground and into the sweeper's air stream. "We figure we salvaged about half the crop in most fields. However, it kept on raining and this reduced the machine's effectiveness. If it hadn't rained, I'm confident the sweeper would have picked up 75% or more of the flax bolls," Dwight told FARM SHOW.

In flat fields already windrowed but not combined, the 8 ft. wide sweeper was operated



between the windrows. It was also used in fields which had been windrowed and combined.

Dwight notes that in building the sweeper, he was able to find used 20 in. galvanized pipe for spouting flax bolls back into a trailing wagon. "This size pipe and elbow would be expensive if a fellow had to buy it new at the going price," he points out.

For more details, contact: Dwight Roll, Roseau, Minn. 56751 (ph. 218-463-2661)

Build Yourself A Barrel Stove

Here's a low cost way to heat your farm shop. Build yourself a barrel stove.

With a new kit from Anvil, you can easily convert a 30 or 55 gal. drum into an efficient wood burning stove. The kit comes with a set of assembly instructions and templates for drilling and cutouts. The only tools needed are a drill, saber saw, screw driver and pliers.

The do-it-yourself stove features a heat proof glass center door and also has top and bottom doors for loading, draft control and easy ash removal. A flange adapts to a standard 5 in. stove pipe.

Because the drum stands vertically, the top surface may be used for warming water and food. The kit sells for \$37.50, including shipping and handling.

For more details, contact: FARM SHOW Followup, Anvil, Inc., Box 9022, Edgemoor, Del. 19802.



A conversion kit from Country Craftsman makes a horizontal wood burning stove from a 17, 30 or 55 gal. drum. "If you have a very large area to heat and fuel is no problem, consider using the 55 gal. drum with our Model 15/55 kit," advises the manufacturer. "Otherwise, we recommend the smaller size 30 or 17 gal. drums which, when fully stoked, deliver a large amount of heat and require less space and fuel." Each kit contains steel legs, cast iron 5 in. stove pipe flange, iron door assembly with primary and secondary air draft controls, all assembly hardware and easy bolt-together instructions.

Model 15/55 kit has a 9½ in. round door opening to accept large logs as well as scrap wood and trash. Model 15/30 kit for 15



to 30 gal. capacity drums has a 5 x 8 rectangular door opening. Cost, including shipping, is \$27.50 for the Model 15/30 kit and \$35.00 for the Model 15/55 kit for 55 gal. barrels.

For more details, contact FARM SHOW Followup, Country Craftsman, Box 3333, Santa Rosa, Calif. 95402



Turn Your Pickup into A Dump Truck

A new do-it-yourself kit from Solex Engineering makes it easy to turn your pickup into a dump truck without any cutting or welding, and without sacrificing any of the cargo space or changing your truck's appearance. "It will fit any two or four wheel drive full box pickup," says Russ Rogers, a Solex distributor.

The lift will raise up to 4,000 lb. in 16 seconds to a full 40° tilt. Because the complete conversion is bolted on without any welds, it can be transferred from

the old to the new pickup when you trade. A bumper hitch for pulling up to 10,000 lbs. bolts onto the box. Or, a hitch that installs on the frame can be used for pulling heavier loads — without interfering with the dumping action of the box.

The do-it-yourself kit, complete with cylinder and operating controls sells for \$845. For more details, contact: FARM SHOW Followup, Solex Engineering, 1811 North 25th Drive, Phoenix, Ariz. 85009 (ph. 602-272-6539).