

FOR PLANTING SMALL AMOUNTS OF SEED

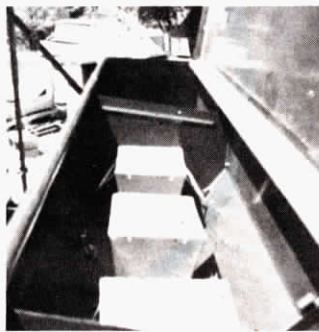
"Miser" Seed Boxes For Grain Drills

If you've ever plugged some seed runs on a grain drill to plant wide-row sorghum or other row crops, you know how much seed is always left in the drill when you finish because it won't all run out evenly between the wide-spaced openings. And, with today's seed prices, you can't afford to waste that much seed.

To save seed and drilling time, Arlwin Mfg. Co., Smith Center, Kan., has developed Milo Miser boxes. Each fiberglass box fits over a drill opening to be used and holds about 18 lbs. of seed.

The boxes resist rust and corrosion and are undamaged by chemicals used to treat seeds. They can be used for sorghum, soybeans or other crops to be planted in rows wider than the regular drill spacing. Each box is 9 x 10½ in. and about 13 in. high, which means the hopper cover can be closed to protect seed from weather and birds. The boxes can be turned either way to fit in different hoppers, even on alternate openings in a drill with 6 in. spacing.

Arlwin Milo Miser boxes will fit all drills. However, Crust Buster drills require an adapter for each box, and John Deere 9300 drills require bigger holes in the boxes. These special "specs" are met at the factory when boxes are ordered.



"Milo Miser" boxes eliminate need to plug seed runs.

To install the seed boxes, 1/8 in. holes are drilled in the side of the drill seed box next to each opening to be used. Small hooks are installed in these holes and the hooks remain in place from then on. Heavy rubber bands are then stretched from the hooks to the top of the boxes to hold them in place.

Arlwin Milo Miser boxes cost \$9.95 each, shipped prepaid anywhere in the U.S.

For more information, contact: FARM SHOW Followup, Arlwin Manufacturing Co., Smith Center, Kan. 66967 (ph 913 282-6487).

WORKS ESPECIALLY WELL FOR CLOVER AND OTHER FINE-SEEDED CROPS

New Vacuum Pickup Fits All Combines

If you're having trouble combining light-seeded grass and grain crops, you'll be interested in the new Murphy vacuum pickup being imported from New Zealand by an Oregon company.

"It works especially well in fine-seeded clovers and in most grass-seed crops," explains Jim Johnson, sales manager for Fisher Implement Co., the importer, in Albany, Ore. "We think it will also work for peas and flax, although we haven't tried it yet. It may have trouble, though, in ryegrass seed or wheat because there is so much straw to put through the pickup."

The vacuum pickup, built by Murphy Farm Machinery of Christchurch, New Zealand, is either belt or hydraulically driven. It's a reel covered with rubber flails in a spiral pattern. As the flails turn at 450 rpm., a suction force is created to pick up windrowed or swathed crops. As the crop is lifted, it's distributed into the combine's feed auger and proceeds as usual from there. Since there is very little mechanical contact with the crop, seed damage is lessened.

"The Murphy pickup will lift off the ground 60 to 80% of windrowed grain that has been driven into the ground because of hail, wind or rain. However, the ground must be relatively flat to maintain an adequate vacuum," explains K.B. Murphy, manufacturer.

Vacuum pickup models are available from Fisher Implement in 10, 12, 15, 18 and 20 ft. widths. They adapt to any make or model of combine. The only modification to the combine is



Murphy vacuum pickup sucks up shattered grain or grass seed off the ground.

to lift the reel up out of the way and disconnect its drive chain or belt.

For light-seeded crops, Johnson estimates up to twice as much output over a regular combine pickup. "You may have 800 to 900 lbs. of grass seed in a field, but only get 300 to 400 lbs. of seed with a regular pickup. With the Murphy pickup, you can easily double that amount," Johnson notes.

Prices for the Murphy pickup range from \$2,900 to \$3,200.

For more information, contact: FARM SHOW Followup, Fisher Implement Co., P.O. Box 159, Albany, Oregon 97321 (ph 503 926-1534).

DO YOUR OWN DITCHING, TILING

New Rotary Ditcher "Faster Than Backhoe"

"Our tractor-mounted ditcher makes draglines and backhoe operations look obsolete. It's great for digging irrigation and drainage ditches and even lets you do your own field tiling," boasts John Santner about his company's new French-made Excavator ditching machine.

"They've been available in Europe for years, but we're the first to import them to the U.S. and Canada," Santner notes. His company is offering the Excavator in one and two-wheeled pto-operated models. A shield over the rotating wheel or wheels can be set to spread the excavated soil away from the ditch, or it can be deposited on the side of the ditch for filling in later.

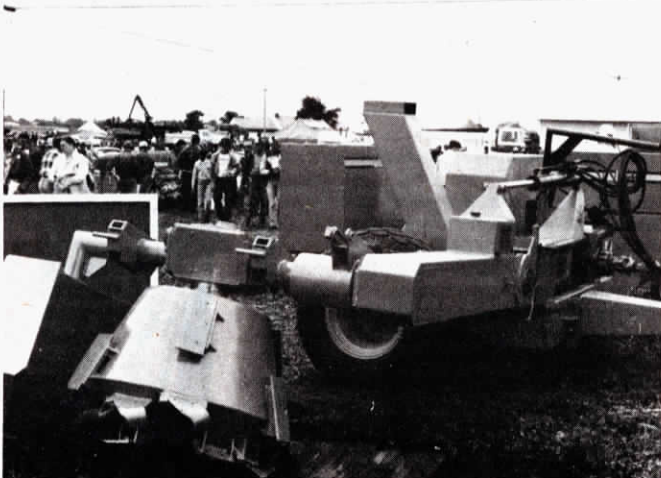
Nine models are available and require from 25 to 130 hp. They can dig from an eighth of a mile of ditch per

hour in heavy clay, up to 1½ mph in loose soil. The model 380 ER offers a tilting cutterhead for cutting ditches with a profile range of 10° to 45°. A tiling attachment for this model lets you install your own plastic drainage tile for a fraction of the cost of a custom job, says Santner. All other models cut a profile of 30° or 45°.

Ditch depth can be as low as 4 ft. 7 in. with the largest model. Bottom width of the ditch ranges from 8 in. to 15 in.; Top width ranges from 28 in. to 83 in.

Prices range from \$2,500 to \$9,500. Excavator welcomes distributor and dealer inquiries.

For more information, contact: FARM SHOW Followup, Excavator, Inc., 1213 W. Oklahoma, Appleton, Wis. (ph 414 733-7788).



Tractor-mounted rotary ditchers dig up to 1.5 miles of ditch per hour.