

The wire has to be low down on first moldboard, and high up on second. Front wire connects to bracket behind tractor wheel.

SECRET IS KNOWING HOW TO PLACE WIRES

Wires Help Turn Under Tall Crops

Canadian engineer D. R. Pattie of the University of Guelph has devised a simple way to loop wires back from the moldboards of a plow to cover about any height plant growth almost perfectly.

Pattie's system, shown here, is different from the old, often-used trailing wire or chain method which some farmers have used for many years. With the old way, it was very difficult to turn around, and the wire didn't last long.

With Pattie's system, for the second and subsequent furrows, you tie one end of the wire (14-ga. black wire works fine) low down at the rear of the preceding moldboard. Tie the other end to the moldboard making the slice that you want to bury the tall plants under. Tie the wire high up on its brace, up next to the plow beam.

To turn crop under the front slice of the plow, tie one end of the wire high up on the front moldboard, and mount a special bracket to ride behind the right wheel of the tractor and

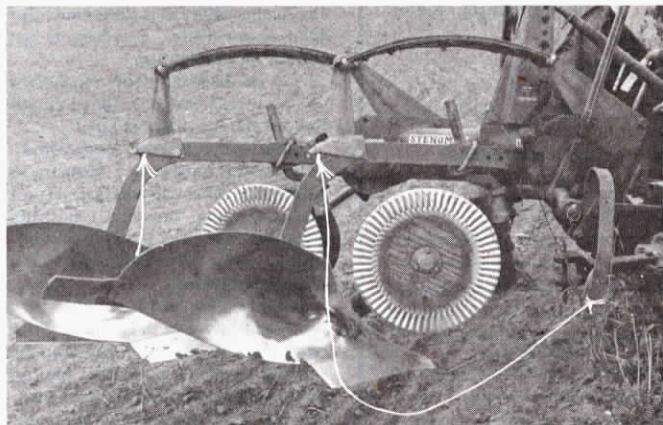
attach the other end of the wire so that it is tied about where it would be if there were a moldboard there.

"The secret is to get the wire down low on the first moldboard (or behind the right tire) and high up on the second moldboard," Pattie told FARM SHOW. "If you don't, it can tear the plow slice."

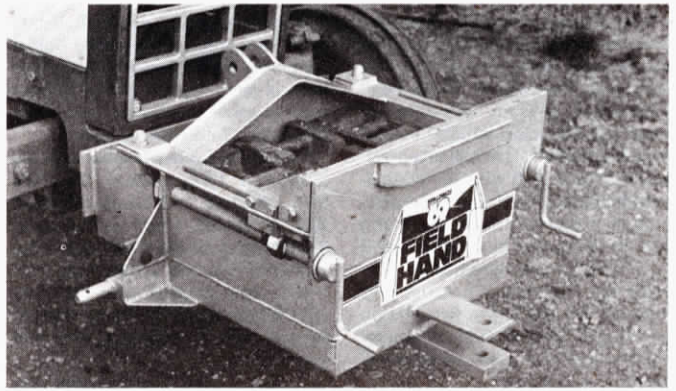
The distance that the wire should loop back from its two tied points depends on the height of the plants to be covered, says Pattie. "You have to experiment a little bit to determine how far the wire should loop back, but the taller the material, the shorter the loop needs to be."

He has used the idea only on a 16-in. moldboard plow, but is sure it would also work on other sizes. "The wire lasts a long time — at least several days," says Pattie.

For further details, contact: FARM SHOW Followup, D. R. Pattie, School of Engineering, University of Guelph, Guelph, Ontario, Can. N1G 2W1 (ph 519 824-3857).



Wire for front furrow is hooked to bracket behind tire to get it down low so as not to tear the furrow slice.



Field Hand can also be used on 3-pt. hitch. Note drawbar attachment for rear-mount use.

AN EXTRA PAIR OF FIELD HANDS

Tractor Mounted Vise Is A Weight Box, Too

"Lets you get another use from something you already need," says Len Goodenough, sales representative of Spaldings & Sons, Ltd., Lincoln, England, manufacturer of the new Field Hand, a combination front weight box and field vise for tractors.

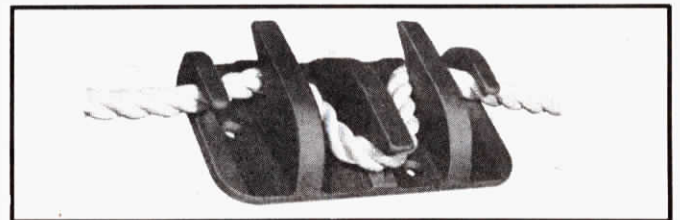
The new 260-lb. all-steel tractor accessory attaches to the front frame of the tractor with just two bolts, or at the rear on a 3-pt. mounting when needed to counter balance a working front end loader. A drawbar on the box makes it versatile in that application. You can load the box, measuring 12½ in. by 22½ in. by 19 in., with plenty of weight, or even

sand or rocks. The vise jaw opens 28½ in. by 9 in. for work.

"It's great for those minor repair jobs that would require you to head back to the shop and lose valuable field time," says Goodenough. The box can also be used to transport tools or other equipment.

The company is looking for North American distributors for the vise, which retails in the United Kingdom for around \$400.

For more details, contact: FARM SHOW Followup, Spaldings, Dixon Way, Lincoln, LN6 7XJ England (ph 0522 27302).



Gripper will hold unruly animals if mounted above animal's head.

"Gripper" Cleat Holds Rope Without Tying

The need to frequently untie and retie a horse or cow, or a boat, is simplified with the Gripper, new-style cleat that holds rope without tying.

Rope from 1/4 in. to 5/8 in. size quickly laces through five V-shaped hooks built into the clamp. The hooks point in alternating directions. The harder the rope is pulled, the tighter the Gripper grips.

The device tightly grips about any kind of rope — hemp, manila, nylon, polyurethane or rubberized material. It does not bind up the rope as does a

knot when pulled, or when wet, say the marketers.

The patented device measures 3 by 4½ by 1 in. It weighs 11 oz. and is made of cast aluminum alloy. Other sizes will eventually be available.

The Gripper can be ordered in pairs by mail at \$14.95/pair, plus \$1.50 for shipping.

For more details, contact: FARM SHOW Followup, The Gripper, 440 Southgate Office Plaza, 5001 West 80th St., Minneapolis, Minn. 55437 (ph 612 830-1555).