



Ropes wind their way around pulleys at each end and through a set of pulleys in center.

## FIRST ROPE WICK APPLICATOR THAT CIRCULATES ROPE, NOT CHEMICALS

# New "Roto Rope" Weeder Has A Traveling Wick

A Kentucky manufacturer has come up with a new "Roto Rope" wick applicator that circulates its wick rather than its chemicals.

The new unit, manufactured by Jim McClure, Delta Machine Works, Inc., Jamestown, Kent., consists of a front-mounted boom, pulleys at either end of the boom, and two long ropes that run through the pulleys. The ropes wind their way through a second set of pulleys in the center of the boom that are submerged beneath chemical in a small reservoir tank. The rope comes out of the tank saturated with chemical.

"The system isn't pressurized as on other rope wick applicators, so there's no crop damage caused by dripping of chemicals," says McClure. "You can control the wetness of the ropes by varying the speed at which they circulate. Visibility is excellent because the ropes are totally exposed. Each weed is hit by two chemically saturated ropes because the rope is doubled up so in most cases you don't need to make a second pass with the system as with other rope wicks."

A variable speed 12-volt electric motor turns the pulleys and rope. A 3-gal. reserve tank refills the up-front chemical reservoir automatically. A 1 1/4-in. hydraulic cylinder



Ropes pass through chemical reservoir in center which keeps them saturated with herbicide.

der raises and lowers the unit. The toolbar extends from 10 to 20-ft. as needed and narrows up for transport to 9 ft. Total unit weighs 260 lbs. Sells for \$995.

For more information, contact: FARM SHOW Followup, James E. McClure, Delta Machine Works, Inc., Rt. 2, Box 149, Jamestown, Kent. 42629 (ph 502 343-3815).



Eight-wheel rake takes 25-ft. swath and operates at speeds up to 14 mph.

## ALSO RAISES UP OUT OF WAY FOR GATES AND BRIDGES

# Front-Mount Rake Lets You Bale, Rake At Once

"It eliminates one trip through the field and we don't have to tear the rake down for every bridge and gate," says George Buck, Purdon, Tex., who's invented and now manufactures a front-mount wheel rake.

Windrow size can be adjusted to any size with the new rake and you can use it to rake to the center of the tractor for a rear round baler or off to the side for a side pickup square baler.

"We've run it at speeds up to 13 or 14 mph with no problems. We've tested it for 3 years in our own custom baling operation to get the bugs out. One big benefit is that you're not running over any hay like with a conventional rear-pulled rake," Buck told FARM SHOW, noting that also unlike

other wheel rakes, his rake can be used as a windrow flipper in wet hay thanks to its adjustable design.

When in the raised position, the rake is 11-ft. wide since the arms fold toward the center as they raise up. The rake mounts on the weight bracket of most tractors or uses a mounting bracket that Buck builds. Three sizes are available. A 4-wheel unit rakes up to 14 ft., a 6-wheel unit covers a swath as wide as 18 ft., and an 8-wheel model covers as much as 25 ft. Prices range from \$3,400 to \$4,200.

For more information, contact: FARM SHOW Followup, George Buck, Rt. 1, Box 12, Purdon, Tex. 76679 (ph 214 673-2382).

# Versatile Endgate For Grain Trucks

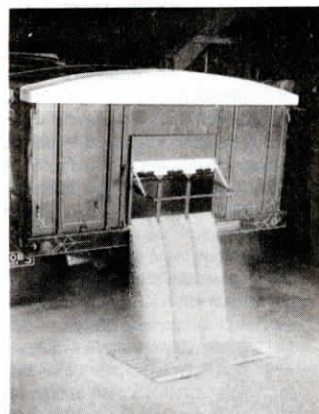
"With this endgate, you have complete control over the direction and volume of grain flow out of your grain truck. You can open all three gates at once to unload at the grain elevator, or open just one gate to dump into augers," points out Neal Hyde, Lodgepole, Neb., farmer and inventor of the "Triple-Gate" endgate.

"It eliminates the need for chute or spout type attachments and small hand-operated trap doors that can bend up augers and restrict the height the grain box can be lifted. Plus, it allows you to unload grain from either side of the truck to level unbalanced loads," Hyde notes. He adds that you can open the three 9 1/2 by 12 in. sliding doors in any one of seven possible combinations to unload grain.

When you're ready to unload, you simply flip a latch on the gates you don't want to open, and lift the Triple-Gate handle to raise the others. You can lock the handle at the desired height.

Hyde notes that the endgate can also help in the spring planting season. By putting a divider down the middle of the truck you can use the small doors on either side to separately feed out seed and fertilizer.

Triple-Gate fits in place of most endgates with little or no modification to the original equipment other than removing the original sliding gate and operating handle. On trucks with metal bodies and wide endgate openings, Triple-Gate fits in



You can open the three 9 1/2 by 12-in. sliding doors in any one of seven possible unloading combinations.

the tracks of the original sliding gate. It bolts directly to wood or metal bodies with narrow endgate openings.

Two models are available. Each is 27 1/8-in. tall and either 31 3/4 or 33 7/8-in. wide. The one you need depends on size of the original endgate opening. Triple-Gate sells for right at \$185.

For more information, contact: FARM SHOW Followup, Hyde Industries, P.O. Box 278, Lodgepole, Neb. 69149 (ph 308 483-5706)

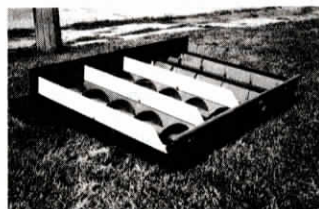
# Dividers Improve Combine Capacity On Hillsides

"The problem is that the augers that carry material from the concave to the sieves are taller than the dividing plates. On hillsides, grain piles on one side and covers an entire auger and reduces combine capacity," explains George Kuchar, Carlinville, Ill., manufacturer of hillside dividers for Deere combines.

The add-on dividers consist of 2-in. tall, 40 to 48-in. long steel bars that attach to the dividing plates. They keep grain from flowing across the augers when the combine is on a slope.

With the dividers installed, Kuchar points out that you'll be able to go faster through heavy crops and will get less return of grain through the sieves.

Prices for a kit to outfit the entire combine range from \$100 to \$125, depending



Add-on dividers consist of 2-in. tall long steel bars (40 to 48-in. long) that attach to the dividing plates.

on combine model.

Contact: FARM SHOW Followup, Kuchar Combine Performance, P.O. Box 595, Carlinville, Ill. 62626 (ph 217 854-9838).