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RUNNING CIRCLES AROUND SICKLE MOWERS

Disc-type Mowers Coming On Strong

Those disc type mowers introduced from Europe appear to be running circles around conventional sickle type mowers.

"You can travel up to 6 mph. with any of our mowers and conditioners without clogging," explains Harold McCauslin, sales coordinator for Vicon Farm Machinery, Chesapeake, Va. "You can cut as much with our 8 ft. disc mower as you can with a 16 ft. sickle bar because of its speed and minimum downtime, and its ability to travel at high speed in wet or damp hay. It delivers 60,000 cutting strokes a minute on an 8 ft. cutter bar."

McCauslin explains that the key design feature on the Vicon disc mower is its gear-driven disc mowing cutterbar. "There are 6 discs on an 8 ft. cutter bar, each with 3 reversible blades. They rotate at extremely high speeds — about 3,000 rpm. — cutting through even the heaviest standing grass, as well as tangled crops," says McCauslin.

He notes that the knives are easily replaced on the disc with a single bolt. Stone guards can be fitted to each disc. A shear bolt will break if the cutter bar hits a post or other

major obstacle, allowing the entire cutterbar to swing backwards.

Vicon's popular mower and mower/conditioner models are imported from Holland and feature the same gear-driven cutterbar. The gears run the entire length of the bar, are sealed in oil and run quieter and with less vibration than conventional sickle bars, McCauslin points out. The conditioner mows, crimps and swaths in one operation. The crop passes through a pair of intermeshing rubber rollers just above the cutter bar. The amount of conditioning can be varied by increasing and decreasing the pressure between the rollers.

The 8 ft. Vicon mower sells for \$3,900 and the 8 ft. mower/conditioner for \$8,300. In comparing these prices with conventional sickle mowers, it's important to remember that the Vicon 8 ft. mower does the work of a 16 ft. sickle mower," explains McCauslin.

For more details, contact: FARM SHOW Followup, Vicon Farm Machinery, Inc. 3741 Cook Boulevard, P.O. Box 6313, Chesapeake, Va. 23323 (ph 804 485-1600).



Silver mark is easy to see in stubble, black dirt or in full-grown crops.

LAYS DOWN A HIGHLY VISIBLE MARK

Silver Marker Eliminates Misses

Hottest new way to eliminate sprayer misses and overlaps is a new silver spot marker, originally developed by a Canadian farmer to solve problems on his own farm.

The Adja Silver Marker, invented by Al Poffenroth, of Delacour, Alberta, is a 12-volt marking system that mounts on conventional spray booms and lays down intermittent, highly-visible silver marks. The marks are made by an aluminum based concentrate mixed 20 to 1 with diesel fuel.

"The marks can be seen in stubble, on black dirt or in full grown crops for several days. They're not affected by heat, sun or wind like many foam

markers," says Don Unterschultz, vice president of Adja Industries, the company formed to manufacture the new marking system.

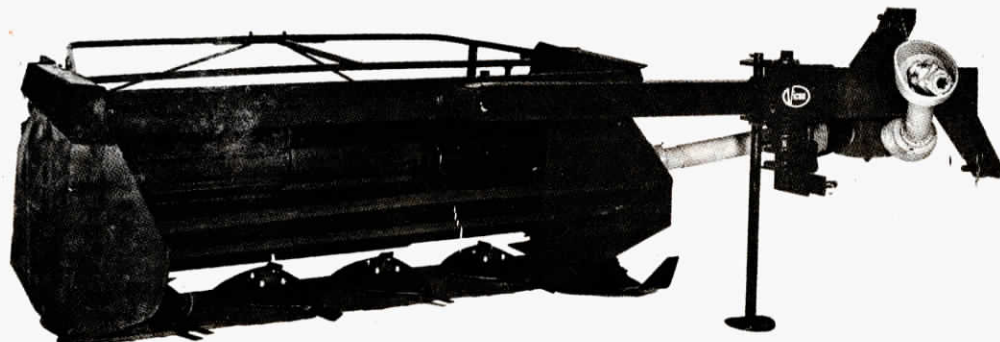
"Size and frequency of the marks is determined by the operator with a pre-set electronic timer. A manual override switch lets you lay down additional marks wherever you wish, such as at the end of the field," says Unterschultz.

"The concentrate is made from non-toxic, commercially pure aluminum. The material does not have any adverse effect on crops, nor does it irritate the skin. Since it's mixed one quart concentrate to 5 gal. diesel, it's just like fueling your tractor," explains Unterschultz.

The system consists of a storage tank, surge tank, 12-volt diaphragm pump, electronic controls and spray tips for both ends of the spray boom. One fill of the 6-gal. tank is enough to mark 200 to 600 acres, depending on field conditions. The system mounts on most sprayers and can also be used on grain drills, fertilizer spreaders and liquid applicators.

The complete system retails for \$500, plus \$7 a quart for the concentrate.

For more information, contact: FARM SHOW Followup, Adja Industries, 6814F 6th St. S.E., Calgary, Alberta T2H2K4 (ph 403 253-4747).



Individual discs have 3 reversible blades and operate at 3,000 rpm, allowing them to cut through wet, heavy and tangled crops at high speeds.