



Spring-loaded I-beam instantly raises shank out of ground when a rock or other obstacle is struck.

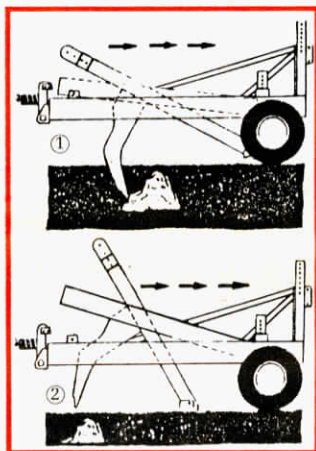
SPRING-LOADED "ROCKOPPER" RAISES SHANK COMPLETELY OUT OF GROUND

"Kick-Out" Subsoiler Great For Rocky Ground

"Our Rockopper subsoiler is a big improvement over other trip-leg subsoilers because its shanks shoot upwards and backwards faster than the forward movement of the implement thus avoiding impact damage and completely unhooking from any obstacle," says F.A. Jones, British manufacturer of the Rockopper which is designed for use where normal subsoilers and cultivation equipment can't be used due to underground obstructions such as rocks, concrete foundations, tree roots, cables, and so on.

When the Rockopper hits an obstacle, it triggers the implement's kick-out mechanism which can be set to lift one, or all legs, on impact. A spring-loaded lift beam raises the subsoiler shanks completely out of the ground. Shanks are reset by simply lifting the 3-pt. The operator never has to leave the cab.

"The Rockopper was developed for severe conditions where no other tillage tool will work but it can be used under normal conditions," says Jones.



The new tillage tool is on the market in Europe and the company is looking for a U.S. manufacturer-distributor.

For more information, contact: FARM SHOW Followup, F.A. Jones & Son Co., Ltd., North Scarle, Lincoln, England (ph 052 277 224).

Aerator Keeps Dugout Clean And Ice-Free

"It won't blow apart in strong winds and won't freeze up in chilly, below zero weather," says Doug Cameron, inventor of the Little River Pond Mill for keeping dugout water fresh, clear and ice-free year around.

"Dugouts equipped with the Little River Pond Mill stay clean, clear, odorless, and can be used for fish farming, watering livestock, irrigation, crop spraying and general household use," notes Cameron.

The name "Little River" originates from action of the aerator's wind-driven propeller which creates a little river in the water, explains Cameron. "It brings water from lower levels to the surface where it's aerated by cir-

culcation, as in a river. Water at the bottom remains at a fairly constant temperature year around. In summer, surface water is cooled and aerated to help prevent growth of algae. In winter, warmer deep water is circulated to the surface to prevent freezing. Open water will remain clear of ice cover a distance of 14 to 60 ft., depending on wind and air temperature."

Sells for \$1,795 (Canadian).

For more information, contact: FARM SHOW Followup, Doug Cameron, Sunset Solar Systems, Box 1327, Assinibois, Sask. Canada SOH OBO (ph 306 642-3400).



Weighted strips of paper fall from covered roll at end of boom.

New Spray Marker Uses "Weighted" Paper Strips

Unable to buy a spray marker with key features he wanted, Montana wheat rancher Glen Laubach, of Great Falls, designed and built his own. One thing led to another, including a new factory to manufacture and market the popular marker born in his farm workshop.

"We sold over 600 units in Montana last year and are now 'tooling up' to market throughout the U.S. and Canada," Laubach told FARM SHOW two weeks ago. His new-style Lob-A-Marker is loaded with a roll of specially-made paper resembling a roll of toilet paper but using heavier grade paper. Each roll, made up at the factory, consists of 60 perforated strips 30 in. long and 3 in. wide. Each strip has a rectangular metal piece (2½ in. long, ¾ in. wide and made of 14 ga. metal) taped to one end to weigh it down so it "stays put" and isn't easily blown away. And, unlike foam, the paper strips leave a highly visible mark that lasts for several days — even in freezing weather, such as when applying fertilizer," Laubach points out.

The paper is biodegradable and disappears in a few days. The small metal weights are left laying in the field.

Won't they cause problems, such as puncturing implement tires or possibly being ingested by beef or dairy

animals?

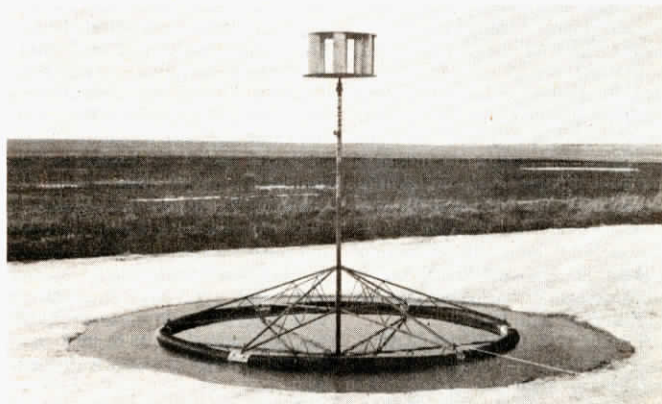
"With more than 1,000 units now in the field, we've yet to hear of a single such problem," answers Laubach. "Because each paper strip is 30 in. long and highly visible, you don't need many strips to mark an acre. A 60-strip roll, for example, will mark about 100 acres, using a 40 to 50 ft. sprayer, which figures out to only one small metal weight per 1.66 acres."

The new easy-to-maintain marker runs off a 12 volt battery system. The operator simply pushes a button to trigger the drop of each weighted marker strip.

Rolls of paper, available in white or yellow, come 12 per case. A case retails for \$60. Cost of the dispenser unit is \$195. If you go around the field, you need only one — two (one on each end) if you go back and forth. Dispensers are easily switched from one piece of equipment, such as sprayer to fertilizer spreader.

Cost of the specially-made and weighted paper ranges from 4 to 10 cents per acre, depending on boom width, type of terrain, amount of surface residue, and so forth.

For more details, contact: FARM SHOW Followup, Laubach Mfg., 104 Second St. South, Great Falls, Mont. 59405 (ph 406 727-1177).



Wind-driven turbine (3 ft. dia.) drives an 18-in. propeller through a 12-ft. steel mast. Propeller is placed 24 in. below water surface. Outer floating ring (14.5 ft. dia.) is foam filled to support mast, turbine and 350 lbs. extra.