



Tough nylon sailcloth covers top and back of sprayer. Flexible plastic sheets run across the front.

## SPRAYS IN WINDS UP TO 25 MPH WITHOUT DRIFT

# Wind Doesn't Bother New Hooded Sprayer

Gary McCrea doesn't stop spraying his fields when high winds blow on his Roblin, Manitoba grain farm. Thanks to the "Spray Shield" he's developed for his trailer sprayer, he can stay out in winds of 25 mph or more with virtually no drift.

"It lets you apply chemicals at the best time to kill weeds. You don't have to wait for perfect weather," McCrea, who's begun manufacturing the Spray Shield as a kit, told FARM SHOW. "I've sprayed in winds as high as 45 mph but we don't recommend that to customers."

McCrea began selling the Spray Shield last spring and sold all he could build. It mounts in 4 to 5 hours and consists of a reinforcing bar that clamps to the front "dry boom" to hold a series of metal hoops and flexible plastic sheets that run across the front of the boom. Tough nylon sailcloth, covering the top and back of the sprayer, fastens on top with Velcro fasteners and a series of snaps so it can be removed quickly. No holes need to be drilled to mount the kit on most sprayers.

"We expect most farmers to leave the Spray Shield on even on nice days. Preliminary tests have shown that we get a performance edge in

chemical application under all conditions, probably due to the blasting affect of spraying under cover," says McCrea.

One disadvantage of the Spray Shield is that you can't check the nozzles by sight. McCrea tells customers to stop occasionally on a dry spot — such as a dirt road — and check the spray pattern on the ground. Another option is to buy an electronic sprayer monitor.

The shield doesn't interfere with sprayer operation or transport and it allows you to use flat fan nozzles at all times with no need for other, less accurate nozzles. It'll also let you cover more acres with your present sprayer, notes McCrea, avoiding the need for a second sprayer or custom applicators. Any size sprayer can be fitted with a shield. The largest one sold so far was for a 100-ft. boom.

A 60-ft. Spray Shield sells for \$800 to \$900. The kit fits most sprayer models and can be adapted to others. McCrea is working on models to fit big custom rigs and spray coupes.

For more information, contact: FARM SHOW Followup, McCrea Farms Ltd., Box 993, Roblin, Man., Canada R0L 1P0 (ph 204 937-4708, or 204 937-2191).

## PORTABLE POWER WASHING

# New Tractor-Mounted High-Pressure Washer

"We think it's better than any other pressure washer on the market," says Harley Harrom, manufacturer of a new pto-powered high-pressure washer that's virtually maintenance-free and mounts on any tractor 3-pt. hitch.

"It's less expensive than comparable powered electric, gas or diesel powered washers. By changing tractor speeds, it's infinitely variable and fits quickly to the tractor for convenient use," Harrom told FARM SHOW.

The new washer is rated at 3.7 gal. per minute at 1,300 psi, and 3.3 hp., which Harrom says is about twice the

pressure of the average do-it-yourself car wash. The company also custom-builds washers up to 15 hp. with 4.5 gal. per minute at 4,000 psi, or 10 gal. per minute at 2,000 psi.

"Pto power is the most efficient way to power a pressure washer. Its 3.3 hp. is comparable to a 5 hp. electric washer, or an 8 hp. gas engine-driven washer because those motors are so inefficient. And, because it's pto-driven, you don't have another motor to maintain. This unit uses a high-quality Hypro pump and is virtually maintenance-free," says Harrom.

## MONITORS DEPTH OF DISCS, CHISELS, CULTIVATORS AND PLANTERS

# New Depth Gauge Fits Any Hydraulic Cylinder

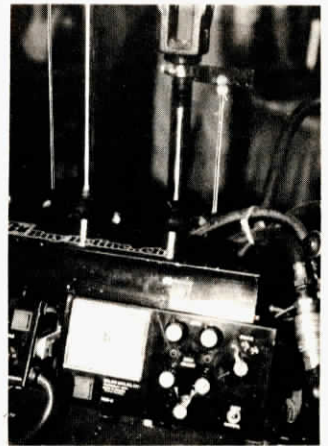
"It lets you monitor equipment depth simply and accurately," says the manufacturer of a new depth monitor that attaches to any hydraulic cylinder to give an accurate depth reading in the cab.

The new monitor consists of a transducer that mounts on the main shaft of the cylinder. A retractable wire cord runs to a bracket mounted on the piston shaft. As the piston moves in and out, the transducer reads the movement and sends the reading to the cab-mounted control box. The control box is available with either two or four channels to handle two to four cylinder monitors.

"Once the unit is installed, it's simply a matter of calibrating it. If you want to cultivate at a 3-in. depth, for example, you set the cultivator at 3 in. and set the control unit to the 3-in. mark. It can be quickly recalibrated to a different setting or moved to another cylinder," says Beline Manufacturing representative Al Dewan.

The monitor not only frees the operator from the frustrating chore of maintaining proper depth, but lets young or inexperienced help perform chores — such as seeding, cultivating, swathing, combining, disking, and so on — that require careful operation. Dewan notes that the monitor also works well with any hard-to-see farm implements.

The unit monitors cylinders with up to a 16-in. stroke and should be mounted on the main depth control cylinder. If more than one cylinder controls depth, it should be mounted on all of them.



Wire cable runs from bracket to transducer, which sends signals to monitor in cab.

A solenoid equipped model is also available that will stop the cylinder at a preset depth. It won't maintain depth but allows the implement to be reset automatically to the same depth at the end rows or after transport.

The new monitor sells for \$445 for the 2-channel model with one transducer and \$635 for the solenoid depth stop equipped model with one solenoid and one transducer. Additional solenoids and transducers are available.

For more information, contact: FARM SHOW Followup, Beline Manufacturing Co., Box 1840, Kindersley, Sask. S0L 1S0 Canada (ph 403 463-2604 or 463-6491).

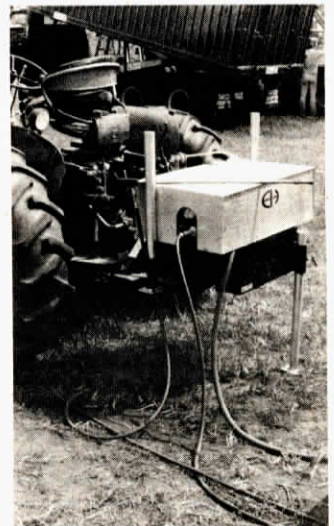


Pto-powered washer travels to wherever it's needed.

The unit is 32 in. wide, 28 in. deep and sits 3½ to 4 ft. off the ground. It has retractable legs for dismounting. When mounted, there is room below it to hook up to the drawbar. Water can be supplied from a standard hose or from water in saddle tanks or a trailing tank. It's equipped with a soap or chemical injection valve.

The standard 3.3 hp. model sells for \$1,245.

For more information, contact: FARM SHOW Followup, Country Hydro, Inc., 2590 Hutchinson Road, Watertown, Minn. 55388 (ph 612 955-2565).



Low-maintenance washer leaves tractor drawbar free to pull a water tank behind.