

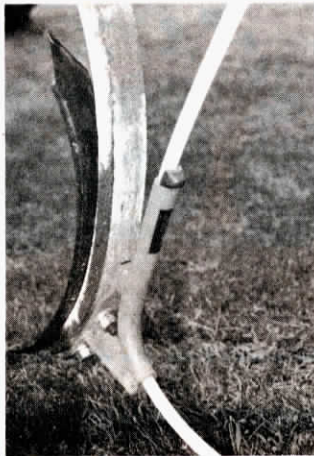
# Hose Bracket For Deep Placement

"It puts the anhydrous where it belongs," says the manufacturer of the Du-Rite hose bracket for deep placement of anhydrous or liquid fertilizer.

"It eliminates the blowby you get with the conventional method of injecting anhydrous against the back of the shovel." the manufacturer points out.

Soil immediately covers the fertilizer as it drops into the furrows created by each shank. To keep the hose from slipping, a special "widget" is tapped into the top of the bracket. It holds the hose in place and is easily removed when it comes time to let out more hose. Hoses wear from the end (there's no wear on the underside) and normally trail 12 to 18 in. behind the bracket. As the trailing end wears down, the widget is removed to let out another 12 to 18 in. of hose.

Brackets are available for single injector tubes, double tubes, combination large (1 3/4 in.) and small (3/4 in.) tubes, large single tubes for injecting



dry fertilizer or heavy suspension, or a single injection tube for Danish tines for side dressing. Cost of the brackets range from \$29.95 to \$39.95.

Contact: FARM SHOW Followup, Du-Rite Mfg., Box 143, Rt. 1, Coatesville, Ind. 46121 (ph 317 539-2418).

## Kelly Sweeps "Work Great" For Injecting Anhydrous

Those popular new Kelly sweeps for chisel plows and field cultivators which you first read about in FARM SHOW are making new headlines.

Latest new development, introduced by Harlan Mfg., is Kelly sweeps equipped with bolt-on hose brackets on the back side for injecting anhydrous or liquid fertilizer.

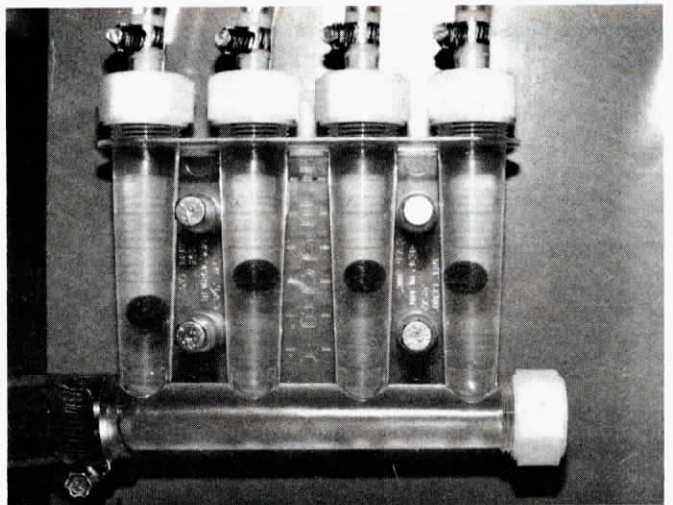
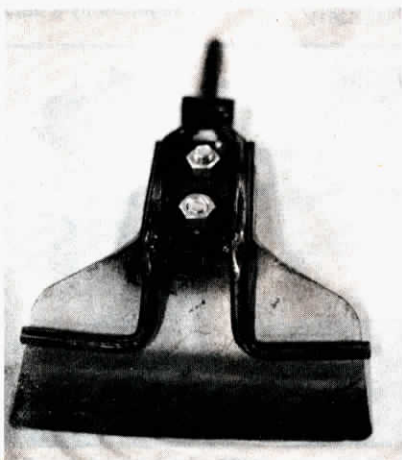
"This new use for Kelly sweeps is still experimental but we did get excellent results in testing it last year," says George Kintner, vice president of sales.

He notes that, unlike sweeps which throw dirt to the side, the Kelly shovel lifts it and then gently sets it back in place, sealing in the anhydrous. Kintner

suggests using Kelly shovels, equipped with the new bolt-on hose brackets, on field cultivators — either on the back row or middle row of shanks, to inject anhydrous and till in one trip. Or, they can replace narrow "spikes" to provide more aggressive tillage of the soil along with anhydrous injection. Another possibility is direct injection of anhydrous and a herbicide, such as Sutan.

Each hard-surfaced Kelly sweep (8 or 10 in. width) with a matching bolt-on bracket (for 3/4 in. hose) retails for right at \$18.

Contact: FARM SHOW Followup, Harlan Mfg., Box 712, Harlan, Iowa 51536 (ph 712 755-5107).



You can tell the level the balls should be at by using a chart that indicates the calibration level for various nozzles and application rates.

**EASY-TO-READ, SIMPLE TO INSTALL**

## "Redball" Spray Monitor Detects Plugged Nozzles

"With the new Redball Monitor you can avoid costly errors due to clogged spray nozzles," says Steve Claussen, Benson, Minn., designer of the new-style, inexpensive spray monitor that retails for \$97.50.

Claussen says the Redball Monitor saves you the cost of monitors that sell for \$500 to \$1,500. Manufactured by C.A.P. Inc., Willmar, Minn., the system features four plastic tubes, each with calibration marks and each with a small red ball inside.

Chemical or fertilizer flows from the pump into the bottom of the monitor where it's then forced up through the plastic tubes and hoses to the nozzles. You can tell the level the balls should be at by using a chart that indicates the calibration level for various nozzles and application rates. Redball accurately monitors application rates from 5 to 30 gals. per acre, says Claussen.

Each tube can monitor up to 4 spray nozzles on your sprayer or planter,

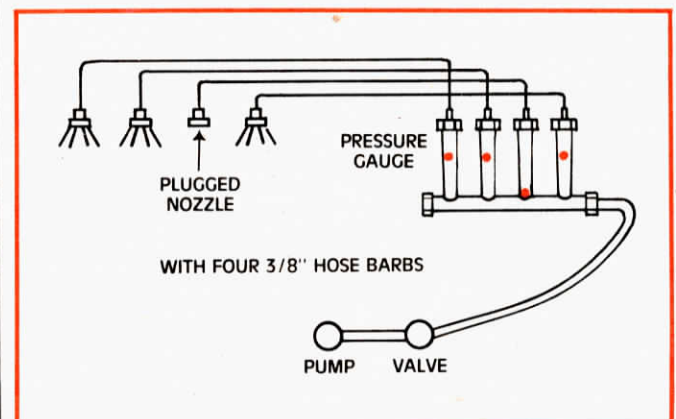
depending on application rates.

When a nozzle is plugged or partially plugged it'll put back pressure on the red ball, forcing it to drop in the tube. Likewise, if the ball rises in the tube, it indicates a possible broken hose.

The unit has no electronic or mechanical parts to malfunction and, according to the company, the high-impact plastic is tough to break and is resistant to chemical corrosion.

The 4-tube monitor comes complete with 3/8-in. outlets leading to the nozzles. Adapters for 1/4 and 1/2-in. hoses are available. The system works with piston and centrifugal pumps, but hasn't yet been tested with squeeze pumps, says Claussen.

For more information, contact: FARM SHOW Followup, C.A.P. Inc., P.O. Box 961, 500 Industrial Drive, Willmar, Minn. 56201 (ph 612 235-0461).



When a nozzle plugs up, it puts back pressure on the red ball, forcing it to drop in the tube.