



Fast's new spray boom pivots at the center to always keep boom parallel to ground.

## "Pivot Design" Keeps Sprayer Boom Parallel To Ground

"Our new spray boom pivots at the center to always keep the boom parallel to the ground. It also keeps the boom from bouncing up and down as much as conventional fixed booms, resulting in more even spray coverage," says Verlyn Fast, Fast Distributing, Mountain Lake, Minn.

The "center pivot" design consists of a 2-in. dia. bushing at the center of the boom that's connected to a shock absorber and pressure coil spring on each side. A hydraulic accumulator isolates the boom from the trailer. The bushing creates a pendulum effect to keep the boom parallel with the sprayer frame, and the shock absorbers keep the boom from bouncing.

"Because the boom is always parallel to the ground and doesn't bounce up and down as much you can keep it lower to the ground. As a result you get a more consistent spray pattern and less spray drift," says Fast.

The new center pivot design is available



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on all the company's booms which range from 60 to 90 ft. in length.

A fully equipped sprayer with an 80-ft. boom sells for about \$20,900.

Contact: FARM SHOW Followup, Fast Distributing, Inc., Rt. 2, Box 325, Mountain Lake, Minn. 56159 (ph 800 772-9279 or 507 427-3861; fax 507 427-3030).



Woven, polyethylene tape has a very strong adhesive. It can be used on just about anything including synthetic tarps, bulk bags, irrigation tubing, etc.

## Tarp Repair Tape Works On Almost Anything

A Tennessee company says its "Bale Patch and Closure Tape" can be used on just about anything including synthetic tarps, bulk bags, cotton bagging, tents, fabric structures and irrigation tubing.

"It was originally developed to patch plastic wrap on cotton bales but we found a lot more applications for it," says Don James of Fabric Sales Co., Inc. "It's a woven, polyethylene product that has a very strong adhesive. You can even use it to patch a swimming pool, putting it on right under the water. I have a metal horse trough that had a hole in it from rust, and I used this tape to stop it from leaking over a year ago. It's working great."

The white tape costs \$94.75 per case but there are discounts for bulk orders. A case of 4-in. wide tape has 15 rolls, a case of 6-in. tape has 10 rolls, and a case of 12-in. tape

has five rolls.

Fabric Sales recently introduced one 18 by 18-in. adhesive patch made from heavier woven fabric. These patches have release paper on the back and come in cases of 10 of any one color (black, white, clear or silver). The price is \$50 per case.

"The patch is intended for a more permanent repair of shelters and heavier fabrics," says Jarrad Mallard of Fabric Sales Co., Inc. Other types of repair and closure tapes available include a yellow, brown or clear "film" style and a 3-in. black, blue, clear, white or silver tarp repair tape.

Contact: FARM SHOW Followup, Don James, Fabric Sales Co., Inc., 1535 McKnight Loop, Mason, Tenn. 38049 (ph 901 867-8684 or 800 654-6917; fax 901 867-8325; E-mail: fsejm@bellsouth.net; Website: www.fabricsales.com)



Seltzer made this 3-pt. "subsoiler" out of an old Allis-Chalmers belly-mounted subsoiler. He built it last spring after he had problems with water standing on headlands.

## Single Shank Subsoiler Drains Water From Fields

"It's a low-cost way to solve temporary water problems in fields," says Leonard Seltzer, Manhattan, Ill., about the 3-pt. mounted, single shank "subsoiler" he made out of an old Allis-Chalmers belly-mounted subsoiler.

"It drains water effectively, yet the ditches it makes are narrow enough that when I drive across them I can hardly feel them," says Seltzer. "I built it last spring after I had problems with water standing on headlands. I use my IH 84 Hydro tractor, which has about 65 horsepower, to pull it. I just back up into the water as far as I can and start digging a trench away from it. The subsoiler shank is built strong and is sharply curved, which helps it pull easier. I don't know the

model number of the subsoiler - if anyone can tell me I'd appreciate it."

The belly-mounted subsoiler shank was originally designed only for Allis-Chalmers tractors and went back as far as the forward part of the drawbar. It was raised or lowered by a pair of lift arms. Seltzer shortened the shank up and welded a heavy-duty steel frame on front of it that fits any Cat. II 3-pt. hitch. He also welded a pair of 3/4-in. dia. rebar rods onto each side so that the shank pulls off the sides of the frame as well as the center of it.

Contact: FARM SHOW Followup, Leonard Seltzer, 16040 W. Elwood Manhattan Rd., Manhattan, Ill. 60442 (ph 815 478-3578).



"It lets me move dirt, rock and snow fast," says Bing Ribble, who mounted the dozer blade off an Allis-Chalmers crawler tractor on front of his Case 1070 tractor.

## Heavy Dozer Blade Fitted To Farm Tractor

Mounting a heavy dozer blade on the front of a Case 1070 farm tractor lets Bing Ribble, Hettick, Ill., move more dirt, rock and snow than he could ever handle with a conventional rear-mounted 3-pt. blade.

The dozer blade came off an Allis Chalmers crawler tractor. Ribble had to build mounting brackets that reach back under the Case frame. The brackets are hinged to allow the blade to move up and down. He also built lift brackets on front with two hydraulic cylinders that lift and lower the blade. He can angle the blade for plowing snow by installing a spacer on one side.

Ribble carries extra weight behind when plowing snow to give extra traction to the rear wheels.

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Home-built mounting brackets are hinged to allow blade to move up and down.