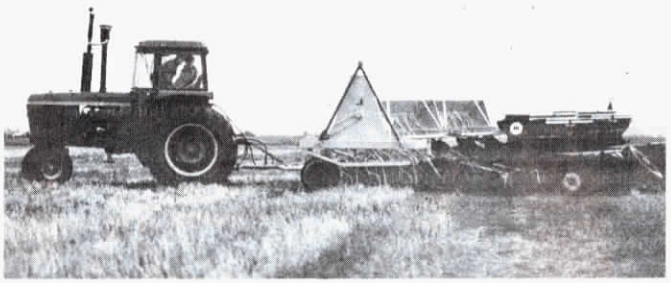


**Haley Sidebander can be ganged ahead of conventional drills, as above, to band fertilizer "with as much or more accuracy than an air seeder".**

### "CHEAPER THAN AN AIR SEEDER"

# Haley "Sidebander" Crossing The Plains

Looking like a giant seed drill, Steve Haley's new Sidebander made its appearance at a recent western Canada farm show where, says Haley, "interest was great — once everyone understood what it does."

"It's cheaper than an air seeder," says Haley whose Sidebander is mounted on a cultivator and can either be pulled ahead of a conventional seed drill or through the field alone. The fertilizer boxes on the Sidebander deposit fertilizer behind the shanks of the cultivator exactly beside and about 2 in. below the seed. "Latest research has convinced many farmers and manufacturers that there's no more effective or efficient way to get nutrients to the plant than to lay them next to the root zone where they can be used," says Haley.

The machine has been used on Haley's farm for the last two years, applying some 200 lbs. per acre on wheat ground, with 150 lbs. in a band near the seed row and about 50 lbs. with the seed. He says yields increase anywhere from 10 to 50% with preplant banding. "My own barley has shown a test weight of 55.3 lbs. per bu., whereas in the past I never had a test weight above 51 or 52 lbs. I'm convinced that fertilizer banding helps boost both yield and quality of small grains."

Haley says that at $900 to $1,000 a foot, the machine is much cheaper than air seeders, assuming the farmer already owns a conventional grain drill. He notes that the bander can also be used in row crops, but has not been tested with row planters because there are few row crops in Alberta.

The standard 14-ft. Sidebander, which can be ganged with a second 14-ft. model, holds 2,500 lbs. of fertilizer. Haley, together with the local manufacturer building the machine, will custom-build machines to any size.

For more information, contact: FARM SHOW Followup, Haley Sidebander, Steve Haley, Haley Sidebander Ltd., Box 788, Athabasca, Alta., Canada TOG OBO (ph 403 675-4612 or 948-7771).

**For hauling grain, air scoop provides about 8 in. of clearance to deflect wind.**

### AIR CONDITIONS GRAIN BOX FOR HAULING HOGS

# Air Scoop For Trucks

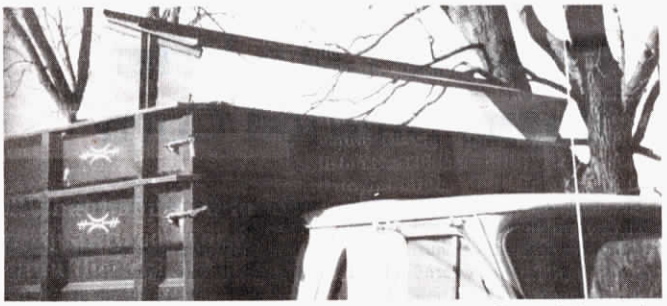
After Missouri Farmer Jim Knowles of Anabel lost a hog from lack of air while in transit, he equipped his grain bed with a home-made air scoop.

"It goes on or comes off in seconds," says Knowles. "We feel it works better and is a lot less trouble than the knock-out air holes on the truck box."

The scoop fits across the top of the front of the truck grain box, and is supported by "legs" that slide into the box's existing side extension holes. The scoop is made from ⅛-in. sheet metal. Knowles painted it red to match the truck box.

"In the scoop position it puts a lot of air down on the hogs, keeping them cool even on a hot day," says Knowles. "When hauling grain, you reverse the scoop and it becomes a wind deflector." He notes that the same type of scoop could be made for pickups.

For more information on the home-made air scoop, contact: FARM SHOW Followup, Jim Knowles, Rt. 1, Anabel, Mo. 63431 (ph 816 699-3495).



**For hauling hogs, position of the air scoop is reversed, providing 14 in. of air clearance to help cool the animals.**

### CONTROLLED DROPLET APPLICATION

# "Go Anywhere" Sprayer Features 4-Wheel Drive

"We're confident that this new concept is the wave of the future for row crop spraying," says Ray Shepard, president of Shepard Industries, Monticello, Ind., manufacturer of SprayRam, a "go anywhere" 4-wheel drive sprayer designed specifically for controlled droplet application. "We've had three models in the field for some time, all of which have performed with flying colors."

The SprayRam, designed around proven components, combines a fully hydrostatic drive system with the hydraulically-driven controlled droplet spinners developed by the Sprayrite Company, of West Helena, Ark.

"Equipped with two 55-gal. tanks (chemical and carrier) and a 40-ft. 12-applicator boom, these machines can go through standing water more than three feet deep. They can easily go over levees in rice fields and over muddy or uneven ground. In fact, the SprayRam is designed for all-weather and all-condition spraying of virtually any row crop," according to Shepard.

To provide chassis stability, the SprayRam features a unique side-oscillation suspension system. Less ground compaction is achieved through a GVW weight of only 4,800 lbs. Width of the wheels is easily adjustable from 76 to 120 in. Ground clearance is a full 42 in.

Engine options are gas or diesel with more than enough power to drive the SprayRam up to 15 mph, and to power the spraying equipment as well. Wheels are 9.5 x 24 in. with standard tires and power steering. Other tire sizes are available as options.

Shepard sees future applications for the same basic machine: "We can readily equip it with other types of sprayers, and we can also belly-mount mowers, roto-tillers, and other equipment. The conformation of our drive-train unit is ideally suited for multi-purpose use. Adapting to those uses is already an on-going project for Shepard Industries."

**Hydrostatic Spray Ram is designed for all-weather, all-condition spraying.**

For more information, contact: FARM SHOW Followup, Shepard Industries Inc., Airport Road, P.O. Box 988, Monticello, Ind. 47960 (ph 219 583-6100).