

FORCES SPRAY THROUGH DENSE FOLIAGE AND ONTO UNDERSIDE OF PLANT LEAVES

“Air Blast” For Sprayers Cuts Costs Up To 50%

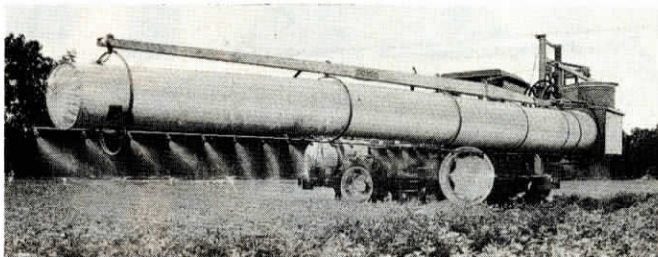
“It can reduce spraying costs up to 50%, says the manufacturer of a new “air blast” system for crop sprayers that forces spray through dense foliage and onto the underside of plant leaves.

Called the Sleeve Boom, it features a pto-driven fan which sends a blast of air through a 28 ft. PVC sleeve on each side. Air forced out of 1-9/16-in. dia. holes (spaced about 2 in. apart) on the underside of the sleeve forces spray droplets down and through

dense foliage, all the way to the ground. The spray then bounces back and covers the bottom part of the leaves, explains a spokesman for the Degania Sleeve Boom, developed in Israel.

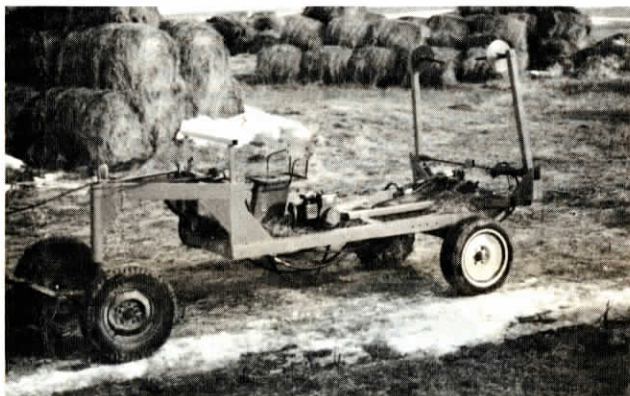
Can be retrofitted to most existing field sprayers.

For more information, contact: FARM SHOW Followup, Degania Sprayers, TOL Inc., 955 E. Levin Ave., P.O. Box 1498, Tulare, Cal. 93275 (ph 209 686-2844).



Blast of air coming out of holes, spaced 2-in. apart along bottom of Sleeve Boom, forces spray onto underside of plant leaves.

Horse-Drawn Round Bale Movers, Unrollers



... From South Dakota

Two types of horse power are used to move hay on the 10,000 acre sheep spread of Harlan Jacobsen, Castle Rock, S. Dak., rancher who has invented his own round bale mover.

He jerryed up a hydraulic lift unit that easily picks up the 800 pound round bales he has on the ranch and carries them to his sheep behind two husky Percherons. The unit is powered by a five horse power (the second type of horse power used) Briggs and Stratton engine that runs the two-stage hydraulic pumps.

One hydraulic cylinder clamps pincers on each side of the bale and the other lifts it onto the unit for hauling.

“I don’t use more than a couple of gallons of fuel a week,” says Jacobsen. “The engine is run only when the unit is picking up the bales. They’re dropped by gravity when we get them where we want them.”

Aside from the engine, Jacobsen bought the pumps, square tubing and cylinders for the “Pick ‘N Roll” unit. He fashioned the rest of the unit

from scrap iron he had around the ranch.

“It’ll handle one round bale at a time now,” explains Jacobsen, “but it can be modified to handle two bales. But there might be a problem with two bales, though, as the picking up is done in the rear and it would be hard to see from the driver’s seat. I’ve picked up single bales weighing up to 1,200 lbs. for a neighbor.”

Jacobsen built his unit last January and now he’s made arrangements with K&E Manufacturing Co., Hebron, N. Dak., to put the unit into production. The North Dakota firm has made round bale “Pick ‘N Roll” units for the use on the back of pickup the past 10 years. It is now making a trailer encompassing Jacobsen’s design for the horse-drawn unit.

It sells for \$2,800.

Contact: FARM SHOW Followup, Harlan Jacobsen, R.R. 3, Box 59, Newell, S.D. 57760 (ph 605 886-4497).

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... From Kansas

You’ll like the price tag on a new round bale mover-unroller from Herr’s Welding, of Palmer, Kan.

Priced at \$495 — including ties and a hand-operated winch — it can be pulled by a team of horses, or behind a pickup or tractor. To load, you back up the bale with the unroller arms extended. You then pull a lever which draws the arms in and clamps them tight onto the bale.

(The end of each arm is equipped with a pointed spur which bites into the bale.) A hand-operated cable winch is then used to lift the arms which, in turn, lift the bale for transport.

Handles regular or soft center big round bales up to 7 ft. in dia., and up to 6 ft. wide.

Contact: FARM SHOW Followup, Herr’s Welding, Palmer, Kan. 66962 (913 692-4289, or 4568).

