



Driver controls loading, unloading without leaving seat. Sides are removable, converting unit into flatbed.



Bruce Viker and the revolutionary air blast sprayer he invented.

REDUCES SPRAYING COSTS 50%

New "Air Blast" Crop Sprayer

An air blast band sprayer developed by Minnesota farmer, Bruce Viker, of Halstad, has caused the entire crop spraying industry to stop and take notice.

Among other things, this new concept in crop spraying virtually eliminates drift — even on windy days. What's more, it gets the job done with up to 50% less material and you can zip down the row at a whopping 14 mph.

Viker adopted his air blast band sprayer to a self propelled Melroe Spray Coupe. However, the concept is readily adaptable to conventional tractor-mounted spraying. In fact, several neighbors who saw Viker's air blast unit were so impressed with its performance they went right to work in their farm shops to develop similar units which mount on 3 pt. hitches and are driven off the tractor pto.

Viker's prototype sprayer covers 12 22-in. rows for use in sugar beets. He rigged up a special fan which provides air at high pressure and high volume. It's driven by a 16 hp. gasoline engine and delivers a continuous blast of air to a special hood

over each row. The hoods contain the atomized spray and air turbulence. A 1½ in. air hose mounted on the top rear of each hood forces air forward through the plant and against a front baffle plate which bounces the air backwards to keep it churning.

The rear of the hood is open. A spray nozzle is mounted just inside the end of the air hose so chemical solution is atomized and carried with the air stream, causing the entire space under the hood to be filled with atomized spray. The entire plant gets covered, including the underside of the leaves.

"We're getting weed control with

ALSO SERVES AS A FEEDING WAGON

"Tipping Trailer" Hauls Big Bales, Machinery

You've seen a lot of devices for hauling big round bales — but none quite like the Adams Big Bale Transporter.

In addition to loading, transporting, unloading and feeding round bales, the "tipping trailer" can be converted into a flatbed for hauling machinery simply by removing its detachable sides. With the sides on, the trailer serves as a portable self-feeder for hay or forages. It can also be used to transport livestock.

Developed in Scotland, The Adams multi-purpose transporter is being marketed in Canada and the U.S. by J.W.S. Machinery Co., Strathroy, Ont. It measures 20 ft. 6 in. long (25 ft. long including the draw bar) and 6½ ft. wide. A 4-position, multi-level axle allows for low loading. An

under-frame, double-acting cylinder tips the trailer, allowing big round bales to roll free for unloading. The driver controls loading and unloading right from the tractor without leaving the seat.

To load big round bales, the transporter is backed up to the bale and the pickup arms lowered. The bale is then elevated and allowed to roll forward. For unloading, the front mounted hydraulic cylinder raises the front of the transporter and the bales roll free.

For more details, contact: FARM SHOW Followup, J. W. S. Machinery Co., John Stanley, Pres., Highway 81 North, Strathroy, Ont. N7G3H6 (ph 519 245-3800).

sprayers with precision accuracy at high speeds — even in narrow 22 in. rows. Two shanks equipped with narrow shovels are mounted on the planter. They're spaced the exact same distance apart as the front wheels of the tractor. The tractor's front wheels are fitted with special mono-ribbed tires which come to a sharp, narrow point at the center. The tires ride in the grooves made by the shovels and automatically follow the row with precision accuracy.

For more details on the revolutionary new air blast band sprayer, contact: FARM SHOW Followup, Bruce Viker, Halstad, Minn. (701 457-2201).

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