

**CARRY BIGGER PAYLOADS,
COVER MORE GROUND**

“Gooseneck” Sprayers

“Most pickup trucks aren’t equipped to carry the weight of 500 gals. of liquid fertilizer on the hitch. Our new gooseneck design divides up the weight, making it possible to accomplish many previously impossible spraying and fertilizing jobs with pickups,” explains Otho Clark.

His company has just introduced a new 500 gal. gooseneck sprayer. A 1000 gal. model is slated for introduction next year. Both models can be used for spraying, or for applying liquid fertilizer.

If, because of mud or other adverse field conditions, a pickup can’t pull the gooseneck, it can be unhitched and towed with a tractor via the drawbar or 3 pt. hitch. Booms on the Clark 500 gal. model cover a 40 ft. swath and are spring loaded and equipped with break-away hinging. Boom height is adjustable from 1 ft. to 4 ft. or more off the ground.

The wheels are designed to track 62 in. on center when turned one way (for 30 in. rows) and 68 in. when reversed (for 40 in. rows). A 3 hp. gasoline engine drives the unit’s Hypro centrifugal pump which is equipped with an electrical on-off control for operation right from the driver’s seat.

Retail cost is right at \$2,800.

For more details, contact: FARM SHOW Followup, Otho Clark Industries, Route 1, Independence, Mo. 64058 (ph. 816-836-2676).

Unable to find anyone manufacturing a “gooseneck” 5th wheel sprayer, the Yocum Brothers, Ross and Roger, of Cable, Ohio, designed and built their own. They’ve since custom-built five units and, to meet mounting demand, have “tooled up” to produce the popular new-style-sprayers commercially.

Production models of their 5th wheel “gooseneck” sprayers are equipped with a ground-drive metering pump. It delivers a uniform output regardless of field speed, which generally ranges from 5 to 15 mph.

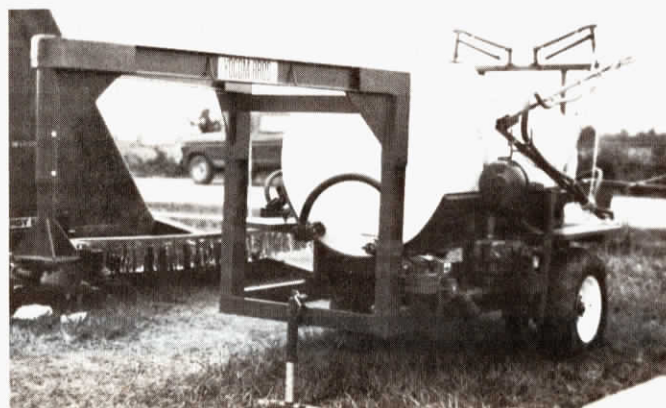
“Big advantage is the extra versatility the gooseneck design offers,” explains Ross. “It’s a self-contained unit and easy to hook and unhook without tying up the pickup. We also offer it with a ball hitch for towing behind a tractor.”

Other key features include a 580 gal. polyethylene see-through tank; 40 ft. shock-absorbing, folding, breakaway booms; 10 ton axles and hubs; and a stepboard for easy filling. The Yocums say the trailer handles all kinds of spraying jobs, such as top-dressing, pre-planting, post-emergence, or spot treating with a hand gun. Wheels of the unit track 30 or 40 in. rows. An agitation pump is powered by a side-mounted gas engine.

For more details, contact: FARM SHOW Followup, Yocum Brothers, 1020 Perry Rd., Cable, Ohio 43009 (ph. 513-789-3722 or 3231).



Boom height on the Otho Clark gooseneck sprayer is adjustable in height from 1 ft. to about 4 ft. off ground. Just-introduced model is equipped with a 500 gal. tank for spraying, or for applying liquid fertilizer.



Yocum “gooseneck” sprayer has ground-driven metering pump for delivering uniform amount, regardless of field speed.

ADAPTS TO LIQUID FERTILIZER AND CROP SPRAYERS

Hydraulic Shut-Off For NH₃ Applicators

“Because it’s hydraulic, it’s more dependable than electric or slave-type shut-off valve assemblies,” says Keith Zigenbein, developer and manufacturer of Hydra-Halt, an “under \$200” automatic shut-off introduced by K.Z. Co., Ashland, Neb.

The compact, hydraulic shut-off valve assembly readily adapts to anhydrous ammonia applicators, liquid fertilizer spreaders and crop sprayers. It’s especially designed to eliminate the often troublesome rope operated shut-off valve commonly used on applicators. Hydra-Halt works from the tractor’s hydraulic outlets and features a small double acting cylinder which activates a ball valve. The device works with any brand of anhydrous regulator or sprayer and is easily installed in a few minutes with ordinary shop

tools. “If you switch tractors in mid-season, it only takes a second or two to hook Hydra-Halt to the new tractor. With an electric shut-off, you have to take the time to rewire the second tractor,” explains Zigenbein. “If you’re applying anhydrous behind a field cultivator or chisel and are using all available hydraulic spools, just plug the Hydra-Halt hoses into the main lift cylinder on the drawn implement. When it raises, it will shut off the Hydra-Halt valve first. It works in reverse when the machine is lowered, with the Hydra-Halt kicking in after the machine is in the ground.

Sells for \$198.

For more details, contact: FARM SHOW Followup, K.Z. Co., Route 2 Ashland, Neb. 68003 (ph. 402-944-7343).



Hydra-Halt sells for \$198.