



Baars Irrigation System consists of 1,000 ft. of flexible 3 by 4-in. hose on a 3-pt. reel.

## Tractor-Mounted Irrigator Just Right For Small Acreages

Irrigate a small acreage efficiently with this new low-tech irrigation rig from Barenbrug USA, Tangent, Oregon.

Called the Baars Irrigation System, it consists of 1,000 ft. of flexible 3 by 4-in. hose on a 3-pt. hitch mounted reel. The hose can have as many as 15 sprinkler heads. Working width of the system is 80 ft. At a pressure of 65 psi and a flow rate of 300 gal. per minute, it will put 1 in. of water on two acres in three hours.

"If water supply or pressure are a problem, there are two options," says John Thyssen, spokesman for Barenbrug. "You can buy the system with fewer than 15 sprinklers, or we can put smaller tips on the sprinklers. Both of these options lower the pressure and waterflow required for the system."

Thyssen says one person with a tractor can take up and reset the moveable system in about 20 minutes. The system works well on steep or odd shaped fields, or where there are obstacles such as trees, fences, etc. If the field to be watered is less than 1,000 ft. long, the flexible hose can be looped.



System can put 1 in. of water on two acres in only three hours.

For those who don't have a three-point hitch, Byron Seed Supply, Marshall, Indiana, is selling the Baars system on a wheeled cart that can be pulled by a tractor drawbar or team of horses.

The 3-point system from Barenbrug runs just under \$10,000, delivered from the company's warehouse in Strawberry Point, Iowa.

Contact: FARM SHOW Followup, John Thyssen, Barenbrug USA, 33477 Hwy 99E, Tangent Ore. 97389 (ph 800 547-4101; E-mail: info@barusa.com); or Byron Seed Supply, RR 1, Box 92, Marshall, Ind. 47859 (ph 765 435-7243).



Each hose can have as many as 15 sprinkler heads.

Some of the best new ideas we hear about are "made it myself" inventions born in farmers' workshops. If you've got a new idea or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? Send to FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or call toll-free 800 834-9665. Or you can submit an idea at our Website at [www.farmshow.com](http://www.farmshow.com).

Mark Newhall, Editor

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SHOW**

**"Made  
It  
Myself"**



Livestock chute is fitted with a bi-fold gate on either side. Each gate is built in two sections. Hinges at top and bottom allow gates to be folded completely to either side.

## Chute-Mounted Bi-Fold Gates Adjust To Trailer

"All I have to do is get close," says James Clark, Bennington, Okla., about backing up a livestock trailer to his livestock chute which is fitted with a bi-fold gate on either side.

Clark used 1 1/2-in. sq. tubing to make the bi-fold gates, which are built in two sections. Each measures 26 in. wide and 4 ft. 4 in. high and stands about 1 ft. off the ground. Hinges at the top and bottom allow the gates to be folded completely to either side. The hinges are made from flat bar and are bolted to a length of vertical tubing which mounts between the two halves. The big hinges keep the gates from drooping. The gates are also hinged where they attach to Clark's 9-ft. wide livestock chute. When not in use, the gates

fold back against the sides of the chute.

To load or unload livestock, Clark backs up the trailer to within 4 ft. or so of the chute. Then he unfolds the gates and uses small chains with "S" hooks to tie the gates to the trailer.

"It really makes it easy to load or unload livestock. I can park my trailer as much as 45 degrees crooked to the chute and up to 4 ft. off center, and still be able to attach the bi-fold gates to the trailer," says Clark. "I've built four sets of these gates and they all work great."

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"It works great and I saved a lot of money over the cost of a new machine," says Edwin Egli, who mounted a 21-ft. Deere grain head on a Hesston 1014 hydroswing swather.

## Hydroswing Swather Fitted With 21-Ft. Deere Grain Head

Edwin Egli, New Salem, N. Dak., took two broken-down machines and made one that worked - a hydroswing swather equipped with a 21-ft. Deere grain head. He uses it to cut wheat and barley crops.

"My Hesston 1014 hydroswing swather equipped with a 14-ft. hay head was worn out. And the engine was bad in my Deere 800 self-propelled swather equipped with a 21-ft. grain head. I didn't want to spend the money to fix either machine," says Egli.

"I decided to mount the Deere grain head on the Hesston running gear. It works quite well and I saved a lot of money over the cost of a new machine."

The 21-ft. Deere grain head was much taller than the original Hesston hay head so it would've interfered with the hydroswing pole. Egli raised the pole by adding 30 in. to the base of the frame. He also added 5 ft. to the front part of the pole, which puts the grain head out farther to the side. "Because the grain head is 7 ft. wider than the original hay head, I can drive the tractor between the standing crop and the windrow instead of straddling the windrow, which I had to do with the hay head," says Egli.

He removed the pto-driven orbit motor



To keep the Deere grain head from interfering with the Hesston's swing pole, Egli raised the pole by adding 30 in. to its base.

from the Hesston hay head and mounted it on the grain head, replacing the original hydraulic hoses with longer ones. The orbit motor is used to chain-drive the head. The reel is raised and lowered by the original hydraulic pump off the Deere swather. "I only have two remotes on my tractor. I use one for the swing and one for the lift. It's much easier to get around with a hydroswing swather than with a conventional pull-type swather. For example, this machine is 22 ft. wide but with the hydroswing I can fit it through a 16-ft. gate."

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