

# One-Man Hog Trap

R. L. Wilson's one-man trap makes catching wild hogs easy. The unit trailers into place, drops to the ground, and is open for business. Bait the trap, and the spring-loaded gate does all the work.

"One man can set it up in a matter of a few minutes," says Wilson. "Spread feed underneath the trip rod. When the first hog to the feed hits the trip rod, the gates close."

While the trapped hog can't get out, hogs outside can push through the one-way gate to get their share of the bait. A wire netting cover over the tops keep the hogs trapped until they can be removed.

Wilson designed the hog trap with 4-ft. high sides made from No. 4 gauge wire, similar to a horse panel. The frame is 2 1/2-in. square tubing with 1 3/4-in. square tubing

on the sides. A guillotine-style gate is also available, but only by special order.

The 6 by 12-ft. model is priced at \$4,100, and the 8 by 20-ft. model is priced at \$7,500. The 6 by 12 has wheels at the rear and is lowered into position or raised for transit with a single winch. The 8 by 20 has wheels centered on the sides and winches at either end for raising and lowering.

"We tried to design everything on wheels so it can truly be a one-man operation," says Wilson. "The trap can be hauled into the pasture or the forest."

Contact: FARM SHOW Followup, Burlington Welding, 1101 Industrial Blvd., Cherokee, Okla. 73728 (ph 580 596-3381; diamondwcorrals@yahoo.com; www.diamondwcorrals.com).



Trailer-style hog trap sets up in just a few minutes. A one-way gate keeps trapped hogs in while allowing hogs outside to push through gate and get trapped, too.

# Bin Sweep Cart Has "Dead Man's Switch"

Adding a Safer Bin Sweep cart to an older bin sweep auger makes it easier to control and safer. Stan Berg designed the cart during employment in the grain elevator business. It solved problems he had with sweep augers in bins with center sumps.

The augers can get buried by collapsing grain. In addition, rubber drive wheels can cause the sweep auger to lurch forward unexpectedly.

"Most newer bin sweeps, especially for larger bins, are reversible and controlled from the outside," says Berg. "Older sweeps in smaller bins more commonly found on farms can be dangerous. While it is safest to stay out of a bin, at some point you have to get in to clean out the bottom."

The Safer Bin Sweep cart lets the operator reverse the sweep manually and control forward movement. The long reach on the cart keeps the operator the legally required 7-ft. distance from a sweep and gives him control of the sweep. The dead man's switch makes sure it stops if there is a problem.

Looking a bit like an over-built appliance mover or handcart, Berg's all-steel cart is welded for strength and durability. He used cold rolled steel, notable for its strength. It also is powder coated to protect it from corrosion.

"The cart is lightweight, but once hooked to a sweep, it can leverage a pretty heavy sweep up and back from fallen grain," says Berg. "I've used it on bin sweeps in 40-ft. diameter bins."

While it can be used without his electronic control panel, it is the panel that offers the operator complete control. For safety's sake and for legally having one person in a bin with a sweep, Berg recommends the electronic control package. It consists of a transmitter and dead man's switch on the cart with a matching receiver at the bin sweep's power source.

"If an operator gets into trouble or needs to step back quickly, taking his hand off the dead man's switch stops the auger," says Berg.

The cart is designed with a simple ball hitch connection between it and an angled plate common to the back of older sweeps. A ball on 2-in. steel tubing bolts to one of 8 sets of holes on the cart end, depending on sweep height. A plate that bolts to the back of the



Handle can be fitted with an electronic control that has a dead man's switch (shown below).



sweep is mounted to a standard (socket) ball hitch. The design allows one cart to service multiple bins.

"It is quick to bolt and unbolt and can be carried in one arm between bins," says Berg. "The ball hitch makes the cart multi-purpose. My son uses his to move trailers around, as well as sweeps."

The Safer Bin Sweep cart with the electronics package is priced at \$450, and the cart alone is \$275. He suggests calling for current prices and shipping information.

Contact: FARM SHOW Followup, Safer Bin Sweep, 2621 440th St., Clarkfield, Minn. 56223 (ph 320 315-1076).



Round bale feeder keeps bale up off the ground and covered by a vinyl tarp to reduce feed loss. A pair of metal runners make it easy to push or pull by hand.

# Tarp-Covered Round Bale Feeder

The round bales you feed won't get wet or muddy when they're up off the ground and covered by a tarp, says distributor Andy Farley about Townsend's Sales' new portable round bale feeder.

The feeder is designed to hold round bales up to 6 ft. tall and to accept an optional vinyl tarp. The top part of the tarp is held in place by a metal hoop roof section, and the sides are tied down using grommets in the tarp's bottom edges. The bale can be loaded either through a removable end gate using a 3-pt. mounted spear, or over the top using a front-end loader. A pair of metal runners make the

feeder easy to push or pull by hand.

The feeder is available with 3 different "feed through" spacings and in 2 different heights. All of them sell for \$765 plus S&H. The optional tarp sells for \$250 plus S&H, and the roof section sells for \$279 plus S&H.

Contact: FARM SHOW Followup, Townsend's Sales Inc., 4141 S. 25 W., Trafalgar, Ind. 46181 (www.townsendequipment.com; sales@townsendequipment.com; ph 866 736-4047) or Armstrong Ag and Supply, LLC, 269 Cove Rd., Jackson, Ohio 45640 (ph 740 352-0123; andyfarley44@yahoo.com).



Built from a one-piece rotational molded tank, Richfield Industries' 45-bu. bin is small enough to fit in back of a pickup.

# Feed-Saving Bulk Bin

"Our new Series 45 feed bin is built from a one-piece rotational molded tank and stands on a strong steel frame with fork pockets. It lets smaller producers save money by purchasing feed in bulk and results in less feed loss due to rodents," says Tom Campbell, Richfield Industries, South Flint, Mich.

The 45-bu. bin stands 85 in. tall, 48 in. wide, and 54 in. deep making it small enough to fit in back of your pickup. It comes with a one-piece stand, a weather-tight lid, and a 9-in. grain door. A stainless steel chute below the door is designed to feed into a standard 5-gal. pail.

Many options for the bin are available, including a 2-piece stand that allows additional containers to be stacked while grinding feed or having feed delivered. Custom base heights can also be fabricated.

The Series 45 with a one-piece stand sells for \$1,750 and is available from any Do It Best hardware store.

Contact: FARM SHOW Followup, Tom Campbell, Richfield Industries, 3020 Airpark Dr., South Flint, Mich. 48507 (ph 810 233-0440; extension 1253 or fax 810 767-5637; www.agcontainer.com; Orders@Agcontainer.com).

