This 12-ft. high tank was built out of concrete panels connected by a patented joint sealing system.

"THEY COST LESS THAN STEEL AND CAN'T RUST OUT"

"Precast Concrete" Liquid Manure Tanks

A Wisconsin company says it has come up with an economical, long-lasting alternative to conventional steel liquid manure storage tanks. Wieser Concrete Products, Maiden Rock, Wis., is manufacturing a "precast concrete" tank that uses concrete panels and a patented joint sealing system.

"They're cost competitive with steel tanks and last much longer because they can't rust out," says David Reneson, general manager. "The SCS rates them for a 50-year liquid-tight life cycle. The precast concrete tanks have no bolts and fewer joints than steel tanks."

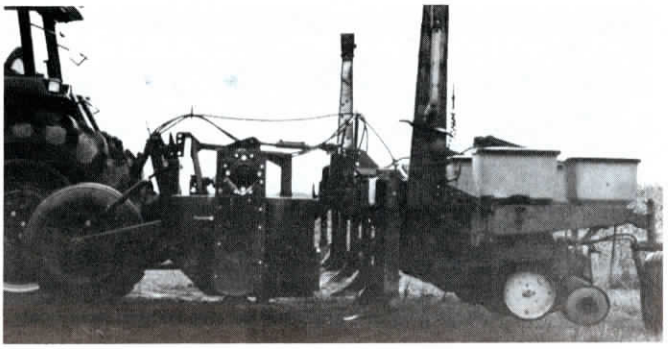
The 13-ft. high tanks are constructed of precast, reinforced-concrete panels that are placed in a circle on a concrete slab. A special non-shrink grout is poured between the panel joints. High strength cables that completely encircle the tank are used to compress the joints together. Once all panels are in position, the base of the tank is sealed by pouring concrete around the bottom of the panels. Takes just two days to complete erection of tank.

The tanks can be erected above ground or partially or fully buried. "A buried tank is a big advantage over an above-ground tank because it makes loading and unloading much easier and because less maintenance is required for pumping and agitation equipment because there's no need to mount a pump and agitator on the side of the tank," says Reneson.

Tanks from 40,000 to 579,000 gal. (27 to 95 ft. dia.) can be made by using different numbers of panels.

A 150,000-gal. tank sells for less than $35,000.

For more information, contact: FARM SHOW Followup, Wieser Concrete Products, Inc., Rt. 2 (Hwy. 10), Maiden Rock, Wis. 54750 (ph 715 647-2311, toll-free 1 800 325-8456).



Gremillion's 20-ft. wide rig lets him till, plant, build ridges, apply insecticide and spray herbicides all in one pass.

3-PT. PLANTER MOUNTS ON BACK

New Till-Planter Is "Built To Last"

A Louisiana farmer who couldn't find what he wanted on the market designed and built his own till-plant rig that lets him till, plant, build ridges, apply insecticide and spray herbicides all in one pass.

Raymond Gremillion, Jr., of Zachary, La., has farmed for 14 years and also runs a fabricating shop, where he built the heavy-duty 20-ft. wide, 3-pt. mounted tiller from the ground up.

"Other commerical-built tillers on the market aren't built strong enough to stand up to tough conditions and won't let you mount a planter on back. Our tiller accepts any 8-row narrow or 6-row wide 3-pt. planter. Both planter and tiller operate independently. No modifications were made to planter," says Gremillion.

The tiller had to be built heavy to support the weight of the planter. The tiller is fitted with a pair of lift assist wheels on front which are used when the planter is fully loaded. When the planter is empty, Gremillion's Case/IH Magnum 7140 tractor can lift both planter and tiller without lift assistance. "You have to have a tractor with a heavy-duty 3-pt. to operate it," he notes.

The pto-powered tiller's shaft is 3 1/2 in. in dia., fitted with 4-in. wide hard-surfaced tiller blades. Four extra-heavy support bearings are fitted to the shaft to help it stand up to "even the most adverse conditions", according to Gremillion. A no. 120 roller chain drives the tiller shaft. The frame of the tiller is built out of 2 by 6-in. tube steel, closed in with 3/16-in. sheet metal. A set of doors in back provides easy access.

A standard quick hitch and top link attach to the rear of the tiller. The top link is used for leveling adjustment. A row of ridge-building shanks mounts between the planter and tiller on the front of the planter toolbar. They can be used to create ridges on the go or raised up out of the ground to plant flat.

Gremillion uses the planter-tiller in corn. The only other tillage he does is to pull a disk through the field to cut up stalks. He mounts herbicide saddle tanks on the tractor. "This rig has cut our tillage and planting costs considerably due to reduced labor and equipment costs. It took a lot of figuring but once we got it in the field it worked great," he says.

For more information, contact: FARM SHOW Followup, Raymond M. Gremillion, Jr., 177 East Irene Road, Zachary, La. 70791-9719 (ph 504 654-4957 or 0616).

SLIP-IN BOX HOLDS 9 COWS FOR TRANSPORT

He Hauls Livestock With His Round Bale Trailer

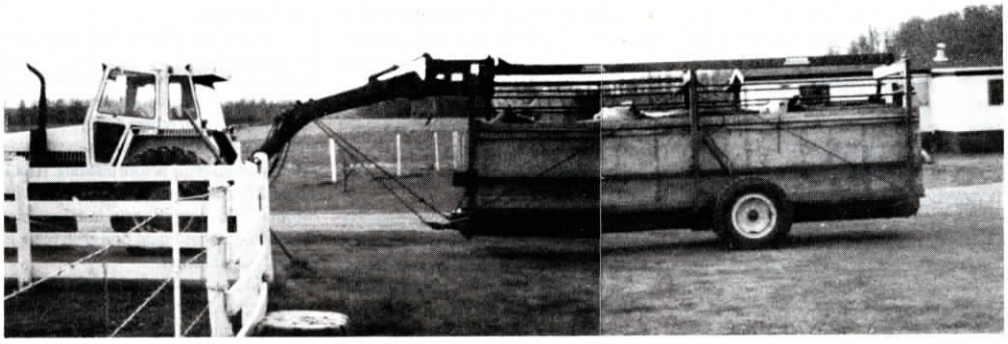
A Canadian livestock producer has come up with an innovative new way to make one piece of equipment do the work of two.

George Graden, who farms near Stony Plain, Alberta, built a cattle box that he can slip into his 4-bale Forester round bale retriever trailer (built in Airdrie, Alberta) whenever needed to haul as many as nine head at once.

The trailer Graden used is a hydraulic-controlled rig that swings out to the side of the tractor and lowers to the ground to scoop up bales in it's bale-cradling arms, which are supported by overhead arches. "It works great for hauling cattle since it drops flat to the ground. No chute or ramp is needed and you can easily drag a sick or injured animal into the back of the box to transport it back to the farm," points out Graden, who uses the cattle box primarily to transport cattle to and from pasture. "It's particularly handy during calving season."

Graden says he loads the box just like he would a bale, by lowering the trailer to the ground and pulling over it. The 20-ft. long, 6 1/2 ft. wide and 4 ft. high box is built out of plywood nailed to a 2 by 4 and 2 by 6 frame. Inside is divided into two parts, with a swinging door between the two sections.

Contact: FARM SHOW Followup, George Graden, Rt. 5, Stony Plain, Alberta T0E 2G0 Canada (ph 403 963-4760).



Cattle box slips onto a 4-bale round bale retriever trailer that lowers to ground. No chute or ramp is needed.