

**WON'T RUST, ROT OR DETERIORATE**

## You'll Like These Fiberglass Hutches

There's a new wrinkle in the fast-growing practice of using outdoor hutches to start young calves. Called "Calf Condos," the 4 x 8-ft. units, made of fiberglass, feature an exclusive top air vent hatch.

"You can open it during the summer, and lock it tight during severe winter weather," explains Owen Vaaler, president of Vaaler Industries, Spring Grove, Minn.

The molded fiberglass units come with three or four sides. The four-sided units serve as individual hutches. The three-sided hutches are pre-drilled and can be bolted together to form a continuous row of hutches to centralize a group of calves in an area. An end panel is available to enclose the fourth side of the last hutch.

Two brackets on the front of each hutch serve as mounts for 4 x 4-ft. plywood dividers making up the outside pens.

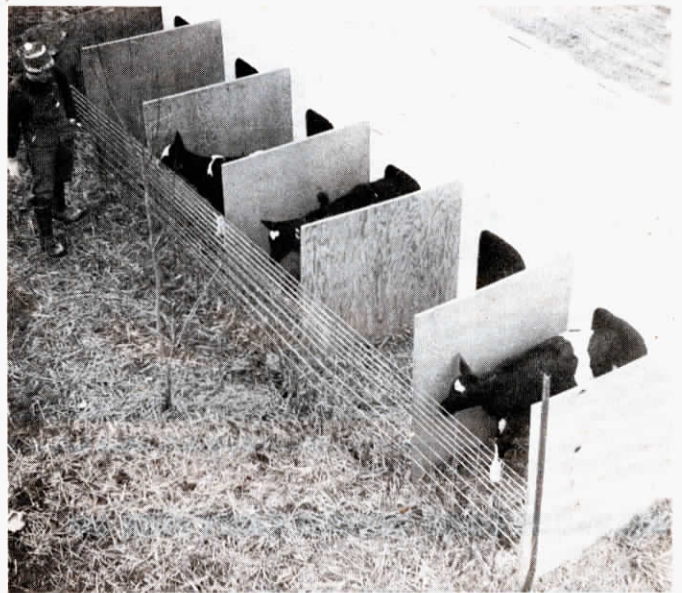
"Based on the experience of calf owners in our area last winter, our fiberglass units were much warmer than all-plywood hutches," Vaaler told FARM SHOW. "One farmer had the ears of his calves freeze in wooden hutches, and he almost lost two registered Holstein heifers from

snow buildup inside a wooden unit. In our fiberglass hutches, which were right alongside the wooden units, he had no trouble whatsoever."

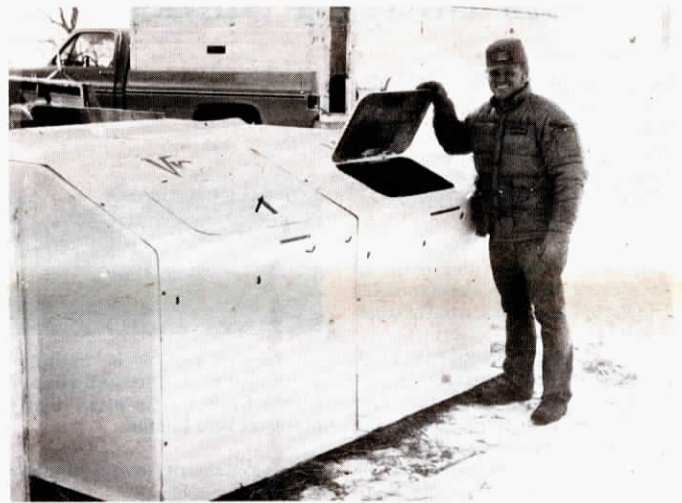
Vaaler adds that the lightweight Calf Condos are easy to move. Simply drive your tractor loader into position, hook onto a built-in metal rod on top and you can haul four units at a time to clean ground. Individual hutches are equipped with an inside feed and hay manger, and an attachment for holding "sucker" bottles. The ventilation door doubles as a handy access door for hand feeding each calf, and for cleaning the unit.

Suggested retail cost is \$260 for the first hutch, and \$210 for additional add-on units. "They're more expensive than wooden units but they last 5 to 6 times as long," explains Vaaler. "They never need painting or maintenance, and won't rot or deteriorate. Considering these advantages, plus the improved calf health they provide and the exclusive design that simplifies chores, we feel the units are very economical."

For more details, contact: FARM SHOW Followup, Vaaler Industries, Spring Grove, Minn. 55974 (ph. 507 498-5577).



Hutches come with 4 sides to be used individually, or with 3 sides for bolt-together assembly, as shown above.



Ventilation door doubles as handy access door for hand feeding, and for cleaning the units.

**IDEAL FOR GRAIN OR FEED BINS WHERE DUST OR MOISTURE CAN GUM UP A SWITCH**

## New Magnet-Powered Level Control Switch

Here's a new level control switch unlike anything on the market and said to be "completely failure-proof under most bulk storage conditions." The key is in two magnets placed at opposite poles to repel each other.

First introduced several years ago, the switch is now used on more than 95% of the world's oil rigs, but its inventor, Buford Wolford, Fergus Falls, Minn., says the switch has many agricultural uses.

"It completely seals off all electrical components in a metal housing so nothing — dust, moisture or bulk materials — can interfere with its operation," says Wolford. "A magnet outside one wall of the housing is set at opposite poles to a magnet enclosed inside. When feed or other material pushes the outer magnet in, the magnet inside the housing moves also, activating the switch.

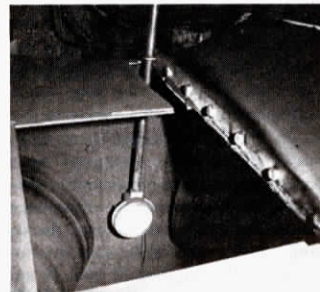
"That makes it ideal for grain or feed bins where dust or wet feed can gum up a switch. It's been a great

success for industrial uses in concrete or plaster storage, which involves very fine powders. With special housings, it can be used in acids or other corrosive solutions. The key is sealing off the electrical components from the elements."

Switches can be fitted to storage bins in various ways: through the side of the bin; suspended from the top into the middle of it; or projected up from the bottom. For feed operations, the switches are often placed at different levels within a bin, one as a shutoff and the other as a turn-on switch.

Wolford recently sold 450 of his controls to the Russians for use in a newly built, \$850 million foundry, in what is to be the world's largest truck factory.

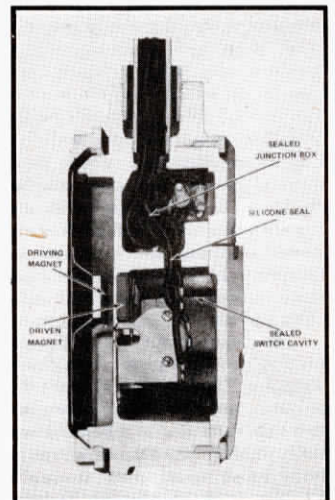
Agricultural uses include feed mixing and grain drying operations, and as sludge controls in feedlots or buildings.



Switches can be fitted through bin sides or bottoms, or suspended like above unit, which is mounted between cross conveyors.

The switches sell for about \$98 each.

For more information, contact: FARM SHOW Followup, Buford Wolford, Proximity Controls, Inc., Drawer C., Fergus Falls, Minn. 56537 (ph. 218 739-3364).



All electrical parts are sealed from dust and moisture in inner chamber.