

## ULTRA-LOW VOLUME AEROSOL SYSTEM

# New Fly Control "Really Works"

"There is no escape for flies with this new system. It really works," says a spokesman for Accudose, a sprinkler-like system that you install inside livestock barns, poultry houses and other buildings for automatic fly control.

Developed and manufactured by Cessco, headquartered at Charlotte, N.C., the new system is permanently installed. It operates on an electronic timer to automatically fog the interior of the building at pre-set intervals with a blanket of insecticide called Synergized Pyrethrins.

In most installations, the automatic timer is set to go off at 3:00 a.m. when flies are resting on the ceiling. The 20 second fogging completely covers all flies, no matter in which direction they fly in attempting to avoid the deadly fog.

The Accudose system can be installed in virtually any type building, using numerous insecticide formulations for the control of an unlimited variety of insects, especially flies. One electronic timer controls frequency of treatments, a second dispenses the accurate dosage.

The compact dispensing unit measures 18 x 10 x 5½ in. The usual recommended application for flies is 2 grams of spray per 1000 cu. ft. of space. "Most buildings or barns generally require a daily spraying for two weeks to gain control. After that, the system is set to spray every fourth or fifth day to retain control," the manufacturer explains.



**Compact Accudose unit treats up to 65,000 cu. ft. of enclosed area per treatment. One dial controls frequency of treatment, the other regulates dosage.**

What does it cost?

As an example, a 30 x 100 x 10 ft. building would contain 6,000 cu. ft. and would require: Two 4-nozzle valves plus tubing, wiring, check valves, shutoff valves, a timing device and other miscellaneous components for a total cost of about \$525, less installation which most farmers handle themselves.

For more details, contact: FARM SHOW Followup, Cessco Chemical and Equipment Sales, Insect Division, Box 12452, Charlotte, N.C. 28205 (ph 704-375-9824).



Vertical precast concrete louvers can be push-button controlled to "open the wall" or close it up tight.

## LOUVERS LET FRESH AIR, SUNSHINE IN

# Concrete Barns with Moveable Sidewalls

Concrete buildings with several new "twists" — including livestock barns with moveable sidewalls resembling vertical venetian blinds — have been introduced by Wieser Concrete Products, Maiden Rock, Wis.

Precast concrete louvers make up the moveable walls. Individual louvers are 15 in. wide and turn 90° to create an 11 in. opening from floor to roof to let fresh air and sunlight in. They can be full or partially open, or closed up tight to keep heat in and cold out.

Control of the adjustable louvers can be done by manually pushing a control button, or the action can be controlled automatically by a thermostat.

One of the largest adjustable-louver barns built to date measures 60 by 70 ft. and has louvered panels

on all four sides.

Cost for a concrete louvered building, complete with an inside concrete feeder and concrete slats, which Wieser also makes, runs about \$12.50 per sq. ft. for a 500-head or larger facility.

Wieser also does a sizeable business in pre-cast insulated concrete buildings. Individual panels have styrofoam insulation sandwiched between concrete. The precast concrete buildings are fireproof, rodentproof and weatherproof. And, they go up in a hurry. Takes less than 12 hours to put up a 50 by 100 ft. utility building. Interlocking panels only need to be caulked after they're set in place.

For more details, contact: FARM SHOW Followup, Joe Wieser, Wieser Concrete Products, Maiden Rock, Wis. 54750 (ph. 715 647-2311).

## AUTOMATIC FLUSHING SUB-PIT

# New Ideas in Confinement

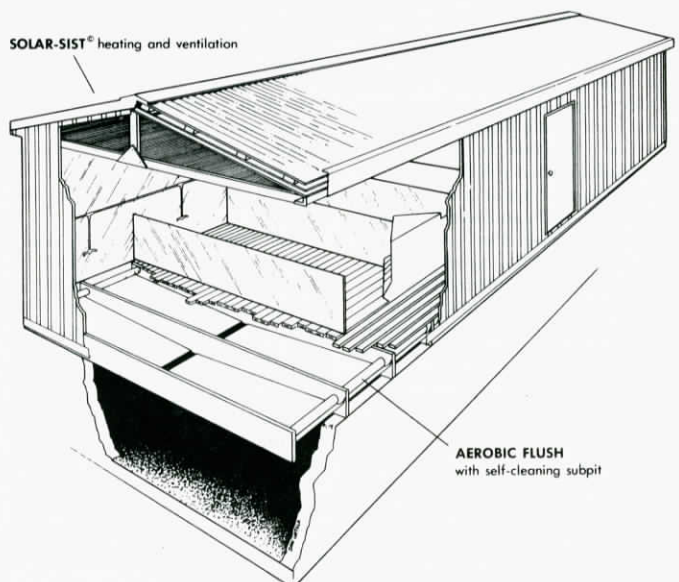
Two new ideas in confinement are incorporated into the new Solair facility unveiled by ILS, of Cedar Falls, Iowa.

**Aerobic flush system:** As shown in the drawing, the confinement structure for farrowing, growing or finishing hogs, or for use as a calf nursery, has a sub-floor beneath the slats. Manure drops through the slats onto this sub-floor which has a narrow slot down the center. This sub-floor is automatically flushed periodically (using liquid recycled from the pit below) into the large manure pit below. The idea: Fans don't have to work as hard to control odors and gases coming off the pit. Air pressure blocks the narrow center slot, preventing odors and gases from rising up into the building.

**Solar Sist Roof:** A solar-assisted heating and ventilation system is built into the roof to preheat incoming winter air before it is drawn into the building interior. Solar panels in the roof transmit the sun's heat to air chambers running the length of the building.

Cost of the 12 x 32 ft. Solair nursery for hogs, less the pit, is expected to be right at \$9,000. A 10-stall farrowing house will run about \$14,000. The first prototypes were slated for construction as this issue of FARM SHOW went to press.

For more details, contact: FARM SHOW Followup, ILS, 221 East Main, Cedar Falls, Iowa 50613 (ph. 319-277-4315).



Manure drops through slotted floor and onto sub-floor which slants toward narrow opening running down center. Liquid from waste storage pit below is periodically pumped onto sub-floor to flush manure through narrow center opening and into waste storage pit below.