

## Undecided about pig feed additives?

COLUMBIA, Mo. — Talk about feed additives for pigs, and you're likely to strike a nerve.

You get comments like "too costly," "not very effective," "could work their way through the food chain and be harmful to humans."

The truth, though, is that the jury is still out on all of the above.

Swine producers have been using feed additives for 20 or more years. The research that allowed them to get on the market in the first place is often at least that old.

"That's why the FDA (Food and Drug Administration) and HEW (Health, Education and Welfare) are interested in collecting current data on feed additives, especially antibiotics," said Trygve Veum, University of Missouri-Columbia swine researcher.

"We know that feed additives are still effective, economical and safe to use for young, growing pigs.

But, Veum said, the FDA and HEW are interested in collecting

additional information on the relationship of antibiotics to human health.

Consumer advocates are concerned that there could be antibiotic residue if proper withdrawal from the swine ration is not followed, said Veum. Current recommendations call for producers to withdraw some antibiotics from swine rations at least two weeks before the animals are slaughtered.

If the residue was carried through the food chain to humans who consume the pork, these people could become highly sensitive to the specific antibiotic in the additive. That sensitivity would be a problem when the person is later prescribed that antibiotic by a medical doctor.

Another concern is that bacteria resistant to these antibiotics might be passed on to pork consumers.

"Antibiotics have been on the market for many years," said Veum, "and it appears that none of

these problems have ever occurred."

Still, he and other researchers must maintain a scientific vigilance over feed additives to protect pork producers and consumers.

Best evidence of this vigilance is a North Central Regional Project to test the additive chlor-tetracycline.

"HEW wants new data to substantiate the use of this additive in swine rations," said Veum.

"As part of the test, they'll tie up two Missouri swine operations for two years in controlled experiments."

In other research trials, Veum and George Sweck, UMC animal scientist, are looking at the biochemical action of the additive carbadox. The additive is designed to increase swine growth and feed efficiency in pigs weighing up to 75-80 pounds.

"We know the additive increases growth by increasing muscle, but

we're not sure how it does it," Veum said.

"We want to see if the additives improve energy utilization in low-energy diets. So far, results show that we get a slight improvement

in growth regardless of the diet," Veum said.

With all of these experiments, Veum said, "the bottom line is to determine how they work so farmers can produce lower cost, lean, nutritious pork for consumers."

## USDA clarifies grain regs

WASHINGTON, D.C. — The U.S. Department of Agriculture has clarified its regulations dealing with the designation of official agencies to inspect and weigh grain.

Kenneth A. Gilles, administrator of USDA's Federal Grain Inspection Service, said the action spells out procedures to be followed when the designation of an official agency ends and the agency asks to be redesignated.

Under the U.S. Grain Standards Act, the grain inspection agency

may designate official agencies to perform inspection and weighing services where needed.

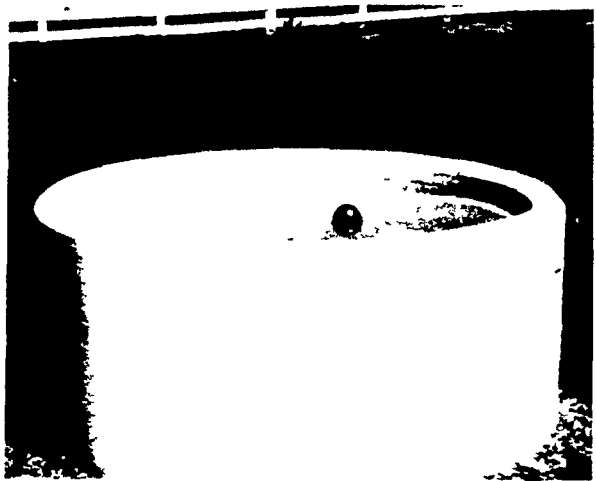
Written comments, in two copies, should be submitted no later than September 25 to Lewis Lebakken, Jr., Director, Issuance and Coordination Staff, Room 1127, Auditors Building, 1400 Independence Ave., S.W., Federal Grain Inspection Service, U.S. Department of Agriculture, Wash., D.C. 20250.

For more information, contact Lewis Lebakken, Jr., at 202/447-3910.

# WHERE'S THE WATER?



## In Our 200-Gallon Stock Tank!



### Our Farm Products Include:

#### The SMITH CATTLEGUARD®

- No. 1 in The Country
- One-Piece Construction

#### The Freeze-Proof Waterer

- NO ENERGY NEEDED
- Easy Installation and Maintenance

#### Feed Bunks

- Centerline and Fenceline
- Smooth Sides — Less Waste

### Featuring:

- Steel-Reinforced Precast Concrete
- Simple Installation
- Easy Maintenance
- Approved by Soil Conservation Service

Please send me information on:

cattleguards     waterers     feed bunks

name \_\_\_\_\_

address \_\_\_\_\_

city \_\_\_\_\_ state \_\_\_\_\_

phone \_\_\_\_\_ zip \_\_\_\_\_

**CONCRETE SAFETY SYSTEMS™**

Route 1095

Bethel, Pa. 19507

(717) 933-4107

Licensed by EASI-SET® Industries

### NOTICE

Manufacturing of gravity boxes, nice size for teams small size for driving beside picker \$400.00 larger size for trailer \$450.00

Order Now For fall.

Also Manure Spreaders for Semi & Liquid Manure Made with Corrosion Resistant Metal \$1460.00

Order Now For Winter (Use Mine For Trial)

**Elam M. Stoltzfus**

Amish Rd.  
Box 210 R.D. 1 Kinzers, Pa. 17535  
(Dealer Inquiries Invited)  
Delivery Available

THANKS TO OUR NEW LEASING PLAN YOU CAN SWITCH TO HIGH-MOISTURE CORN RIGHT NOW WITH A **GRAIN-O-MATIC®**

BY MADISON SILOS® & SAVE MONEY WHILE YOU CONSERVE CASH!

### HERE ARE SOME OF THE ADVANTAGES OF OUR TOTALIZER LEASE:

- 1 Less cash needed "up front" — You pay for the equipment as it produces income, not up front as you would with conventional financing
- 2 Bank lines are not reduced — When credit is tight, the more of your bank credit line you keep intact, the better!
- 3 Improved Return on working capital — You get greater net profits from your new Grain-O-Matic and high-moisture corn
- 4 A hedge against inflation — Future payments are made with deflated dollars
- 5 Improved liquidity — A lease is not carried on a financial statement as a liability
- 6 Tax deductible — Lease payments are 100% tax deductible, resulting in reduced tax obligations and improved cash flow

**GRAIN-O-MATIC: THE BEST WAY TO STORE HIGH-MOISTURE CORN!**



For more information contact **MADISON SILOS** 1070 Steinmetz Rd. Ephrata, Pa. 17522

Madison Silos is a CHROMALLOY FARM SYSTEMS company

**CHROMALLOY FARM SYSTEMS, INC.**