

Summer hog breeding

(Continued from Page D2)

facility, the recommended CFM per cwt is 63." To determine CFM for a given room, George multiplies the total cubic feet of a particular room by 1.2.

Once producers have cooled the breeding environment as much as possible, they should provide rations that produce minimal metabolic body heat while meeting the animals' nutritional needs, advises Dr. Ray Washam, manager of swine technical services for Ralston Purina Company.

"As Kansas State University and our own research show, heat-stressed sows tend to reduce feed consumption to avoid further internal heat production," he says. "This causes body weight loss that can delay return to estrus, reducing both conception rates and subsequent litter size."

High Net Energy Rations Solve Problem

A solution to this dilemma of increased stress and reduced consumption is to provide lactating sows with high net energy rations, the researcher suggests.

"It's well-established that fat causes less heat production during digestion and thereby decreases heat stress," he says. "High fat rations like High Octane Lactation Chow help sows maintain energy intake even during hot temperatures."

Because of the ration's high energy concentration, the

researcher points out, sows can maintain body condition on less feed than conventional rations. "In addition, these rations contain lower levels of heat-producing fiber, and are also amino acid balanced to meet a sow's protein needs."

Summers, especially if extremely hot, can present breeding problems for hog producers, Washam continues. "But these problems will be far less severe where producers have fine-tuned their management techniques and facilities to meet the warm weather challenge," he concludes.

Maryland livestock dealer charged

WASHINGTON — Thomas E. Kolb, Keymar, Md., has been charged with being insolvent, writing bad checks, failing to pay promptly for livestock, and operating as a livestock dealer and market agency without an adequate bond, a U.S. Department of Agriculture official said on Thursday.

B.H. (Bill) Jones, head of USDA's Packers and Stockyards Administration, said Kolb buys livestock in northern Maryland, southern Pennsylvania and western New York. He buys directly from dealers and producers and at public markets.

Kolb has a right to a hearing on the charges which were filed by USDA in an administrative

complaint under authority of the Packers and Stockyards Act. If the charges are proven, Kolb will be placed under a cease and desist order, similar to a permanent injunction. His registration will be suspended until he shows he is no longer insolvent and he files the required increase

in his bond. He could also be ordered to pay a civil penalty. The P&S Act is an antitrust, fair trade practice and payment protection law. It is designed to maintain integrity in the marketing of livestock, poultry and meat and in the marketplace.

Descriptions of plans are given for structures, fencing, feed carts and bunks, loading chutes, feed

manure handling, and site selection, as well as suitable building materials.

For small-scale livestock operations, "Small Farms Livestock Buildings and Equipment" presents essential information on planning, materials selection, construction, and operational management.

Space requirements, security, ventilation, and similar considerations are explained for swine, beef, and dairy animals, and goats, horses, sheep, poultry, and rabbits.

Descriptions of plans are given for structures, fencing, feed carts and bunks, loading chutes, feed

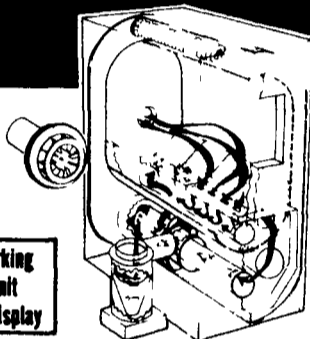
racks, rabbit hutches, poultry houses, portable lambing units and creep feeders, and similar items of livestock equipment.

The "Horse Handbook" (MWPS-15) and "Small Farms Livestock Buildings and Equipment" (NRAES-6) are \$4.00 each, including postage and handling.

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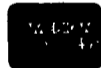
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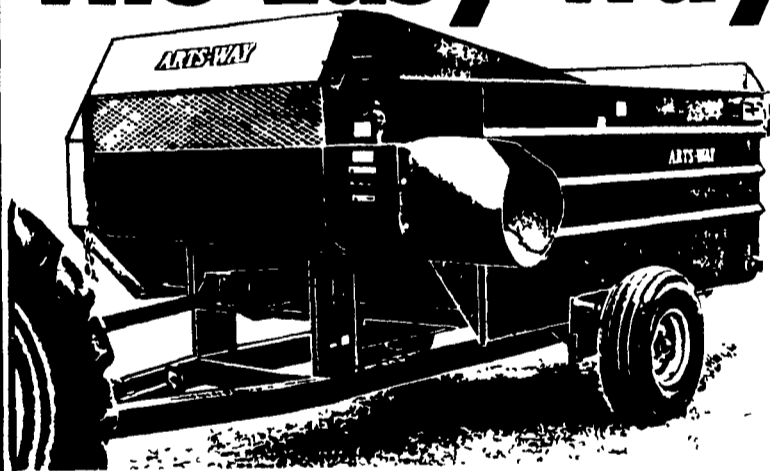
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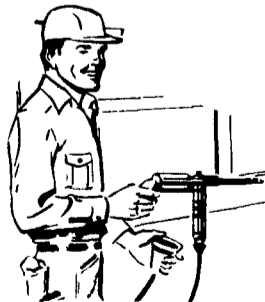
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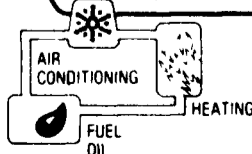
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