

## Farm Business News

### Recycle grain drying heat

CRYSTAL LAKE, Ill. — Mathews Company grain dryers, long recognized as some of the most fuel efficient in the industry, now save significantly more fuel with the all new Heat Recovery System recently announced by the company.

Unlike other energy saving dryers, this system saves fuel without reducing dryer capacity. The Heat Recovery System is designed to recycle all cooling air and half the drying air. In addition, it is self-cleaning.

Owners of M-C dryers purchased since 1976 can expect to cut their fuel bills in half by adding the Heat Recovery System and using the dryeration method. It will more than pay for itself during the first drying season, the firm claims. The system is simple to install and attractive.

The Heat Recovery System is available as an option on new M-C dryers for all heat drying or heat/cool drying. It can also be added to existing M-C dryers in the 75, 85, and 95 series. It can be used for all heat continuous batch drying with M-C Models 350EA, 650EA and EAS dryers and for all heat drying with M-C 375EM dryers.

Now dryer users do not have to make a choice

between saving energy and maintaining capacity. While other fuel-saving dryers reverse the air flow in the cooling section (stopping the drying process), the Heat Recovery System moves the drying front outward at all times. The result is high speed, high quality drying. Users can reduce fuel bills by as much as half and still maintain original capacities.

The Heat Recovery System is designed to recover the air from the bottom half of the heat chamber and all of the cooling chamber. It is open at the bottom to be self-cleaning. The structure extends two feet from the side of the dryer allowing the air velocity to slow down after leaving the grain column.

The system is self-cleaning because the slower moving air in the outer structure allows the grain fines to drop down and fall out the bottom opening onto the ground. Because the structure covers only half the heat chamber, it traps much fewer fines than totally enclosed fuel saving dryers.

These systems can be field installed by dealers or customer in a few hours. The overall width of the dryers with the Heat Recovery System is 11 feet 3 inches.

### Products cleared for tobacco

PHILADELPHIA - Two products have been registered for field use on tobacco for control of blue mold on the 1980 Pennsylvania crop.

The control chemicals are Carbamate fungicide and Zineb 75 WP fungicide. Both are products of FMC Corporation's Agricultural Chemical Group.

Special registrations for these blue mold control compounds have been granted by the state of Pennsylvania.

These specific chemicals are registered for use on tobacco transplant beds. The new approval permits their use for field application.

Depending on availability, FMC Product Manager, Dennis Matthias, states that either may be used when the blue mold warning suggests the need.

For Carbamate, a rate of two- to three pounds per acre

in 20- to 50 gallons of water can be used. The higher gallonage is recommended for more mature plants. The spray is to be applied to get total coverage of the plant. The use of drop nozzles will increase coverage of the bottom and top of leaves.

Field applications need to be made when blue mold is predicted or threatens. Under these conditions, repeat at seven day in-

LANCASTER — "Embryo transfers are here to stay, and at least one organization engaged in this activity ought to be owned and controlled by farmers through a cooperative." That was the feeling of the Select Sires' Board of Directors as they formed a wholly-owned subsidiary, taking the name, "Select Embryos, Inc."

The Board of Directors of Select Embryos will be the 11 members of the Select Sires' Executive Committee, each representing a Select member organization. Additionally, the manager of one of the member organizations, plus one representative of a land-grant university, will serve on the Select Embryos Board.

Dick Chichester, named Chief Executive Officer of Select Embryos, at least during the formative period, made the following observation: "For the last 40 years the A.I. industry has made an effort to cause the most genetically superior males in the cattle population to become parents more often. A review of recent genetic trends would indicate that we have achieved a reasonable degree of success. Now, with new technology, it is possible to allow the most superior females to become parents more often. The Board of Directors of Select Sires felt that we should engage in this activity as well."

Robert Baker, one of the leading embryologists in North America, will become Director of Operations, Blaine Crosser, currently Marketing Coordinator for Select Sires, will become

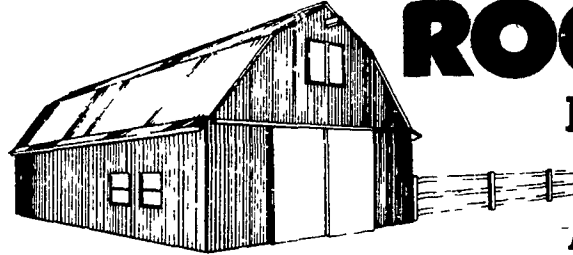
Sales and Service Manager for Select Embryos. G. W. Snider and Associates, Goshen, IN, will serve as reproductive physiology consultants. Wayne McLaughlin will assume herd management responsibilities. McLaughlin has several years of experience in managing the well-known Guernsey and later Holstein herds at Franchester Farms in Ohio.

Chichester noted he is pleased to have McLaughlin as, "He has proven his ability to care for the world's best cattle."

In the immediate future Select Embryos will be providing on-farm service, according to Chichester, using the recipients owned either by the client or Select Embryos. Toward the end of 1980, upon construction of new

facilities, Select Embryos will offer to house and maintain donor animals which are involved in on-going embryo transfers.

Additionally, Select Embryos will provide service to determine the presence or absence of genetic recessives, such as mule-foot, in both males and females.



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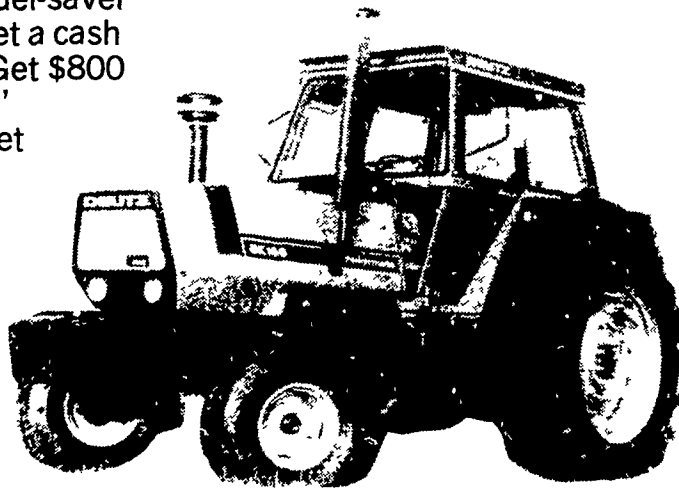
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