

What's New . . .

BOOKLET ON ECONOMIC RETURNS ADEQUATE FERTILITY may help fight inflation in 1976, according to a new booklet issued by the Potash Institute.

It shows that extra net returns per acre from potash are greater today than 3 years ago, in most cases.

The report converts agronomic returns from university experiments into economic returns on nine major crops — corn, soybeans, alfalfa, wheat, corn silage, grain sorghum, barley, cotton, and tomatoes.

It takes the extra yield potash adds to a crop when other nutrients and practices are adequate and computes extra crop value and costs to get the extra dollars potash application netted.

The illustrated booklet also features percent return on the potash investment. Money invested in potash paid excellent interest. But percent return on potash may go down while extra dollars per acre go up as potash rates increase, the report shows.

The grower is more interested in the extra dollars than percent return from

potash, because he must get as much money as he can from the set number of acres he farms.

The report features three valuable lessons:

(1) Potash applied to high K-testing soils has given good returns in areas where cool, moist spring conditions make soil K less available.

(2) Enough potash on grain crops to give carryover potash for the next crop is better than money in the bank. A soybean crop following a "well potashed" corn crop gave \$40 more return per acre on what amounted to another crop's potash.

Savings that reduce yields can become costs that reduce profits.

The attractive 16-page, two-color booklet is pocket-size and available for 12 cents each. Write Returns Booklet, Potash Institute, 1649 Tullie Circle, N. E., Atlanta, Ga. 30329.

Mueller Fre-Heater
The Paul Mueller Company, Springfield, Missouri has developed a revolutionary new item to help the dairy farmer save money and join in the nationwide campaign for conservation of energy — the Mueller Fre-Heater™.

Bulk milk coolers on modern dairy farms are designed to remove heat from the milk promptly by means of refrigeration machines, generally of the air-cooled type. This heat has previously been wasted. With the new Mueller Fre-Heater, this heat is now captured and used for heating water which is needed for "prepping" the cows and washing the milk cooler, the pipeline milker, etc.

The Fre-Heater consists of a specially designed heat exchanger located below a hot water storage tank with a "percolator tube" extending up the center of the tank. This percolator tube is fitted with a thermostat and the refrigerant compressor is mounted below this

assembly. Rather than using noisy, dust-creating fans with fragile, dirt-collecting air cooled condensers, the refrigerant is routed to the special heat exchanger, thus permitting the heat from the milk to be transferred to the water. The necessity for a conventional water heater is eliminated.

There are too many variables to be able to definitely say how much hot water the Fre-Heater will generate. However, a rule of thumb is that a two horsepower unit operating on 60 degrees F. well water will produce a volume of 140 degrees F. water similar to the amount of milk produced during milking. In other words, if 100 gallons of milk per milking is produced, approximately 100 gallons of hot water (140 degrees F.) will be generated during each milking.

New Bean
MOUNTAIN VIEW, Calif
A new white-seeded bean variety has been introduced by Ferry-Morse Seed Company. Called Bluecrop, this new processing bean has low fibre and a slow seed development.

Pod placement is high on the plant, which aids in harvesting. It has a partial Bush Blue Lake background and is particularly valuable for its potential canning and freezing qualities.

For more information on Bluecrop, contact the Vegetable Seed Sales Department, Ferry-Morse Seed Company, P.O. Box 100 Mountain View, California 94042.

xxx
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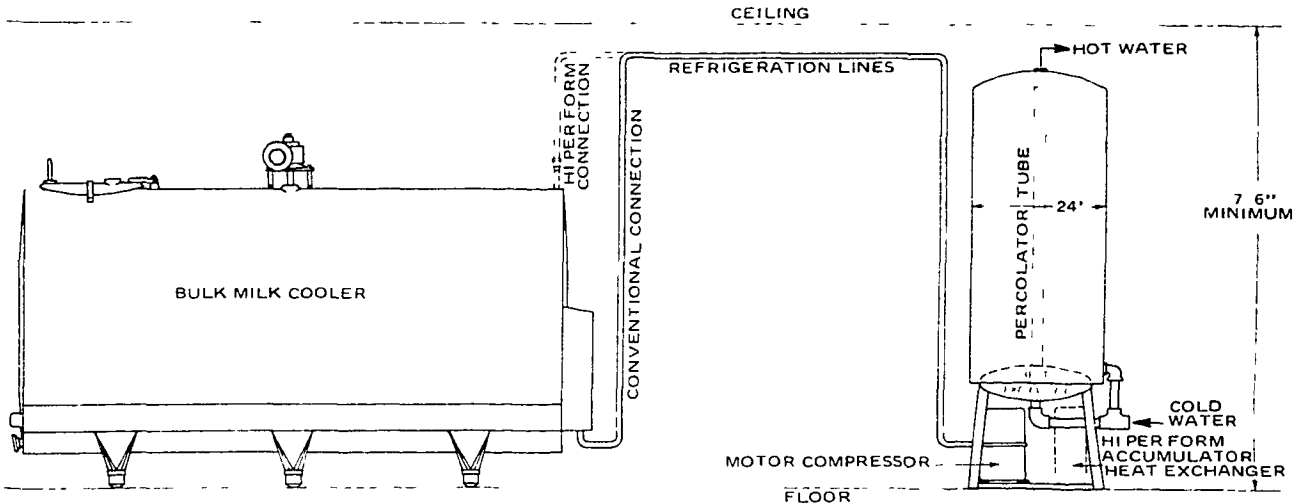
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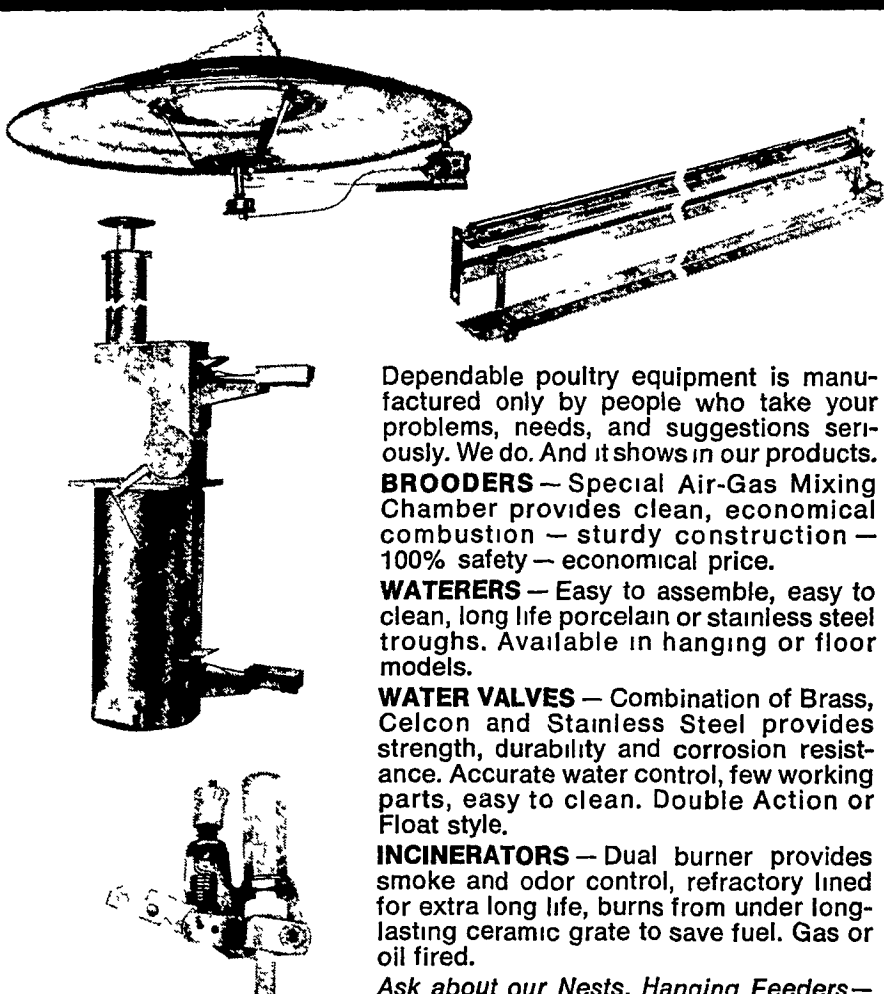
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