



DISEASE CONTROL HOG WASHING

File No. 139

Section 1

PROBLEM:

Keeping nurseries clean and sanitary while keeping the procedure economical and efficient.

SOLUTION:

Installation of a central high pressure cleaning and sanitizing system.

SPECIFICATIONS:

CAT PUMPS Model	623
Pressure	1200 PSI
Flow	6 GPM
Temperature	100°-180°F
Fluid	Water/Sometimes Iodine
Duty Cycle	Continuous 8 Hours
Drive	7.5 H.P. Electric

BENEFITS:

- Higher pressure cuts cleaning time by 75% and water consumption by 35%.
- Installation of a central cleaning system eliminates the need to move cumbersome equipment from place to place and provides better control of bacteria and contamination.
- With more time available, items which previously never got attention, now get cleaned. Since the cleaning process is not longer such a distasteful job, one is more willing to clean and do a good job.

OPERATION:

Arnie Meier and Sons at Albany, Minnesota, run a herd of 1,250 S.P.F. (Specific Pathogenic Free) Chester White, Hampshire and Yorkshire swine.

In 1976 Braun Equipment Company installed a central cleaning system for keeping the entire operation clean and sanitized. A single Model 623 CAT PUMP driven by a 7.5 horsepower motor supplies pressurized 180°F water to the entire cleaning system which includes drops in the four farrowing rooms, two nurseries and the sow clean-up room. A regulator on the system permits each station to operate independently or all simultaneously.

When we discussed the benefits of the system with Ron Lin, herdsman for the Meier operation, he told us, "That's the best thing that ever happened here." Clean-up of a farrowing room used to take just over half a day. Now Rod feels he can get a room cleaner in just two hours. The nursery used to be all but impossible to clean. The best attempt to clean was done with shovels. Using the new high pressure cleaning system, Rod said he can really make the nursery look like new with a minimum of time. The system is also used to clean the sows after weaning for inspection.

Saving time is one great way to reduce one's operating costs. Perhaps having a cleaner operation is the only thing that would be more desirable. When a company can accomplish both by installing one piece of equipment, "That's the best thing that ever happened".

The signs posted on the exterior of the buildings indicate how critical sanitation is at this farm. It also shows the value placed on the animals. Keeping the animals clean and healthy protects the farmer's investment. Operating a dependable system to clean and sanitize also protects his investment.

Products described hereon are covered by one or more of the following U.S. patents 3558244, 3652188, 3809508, 3920356, 3930756 and 5035580

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