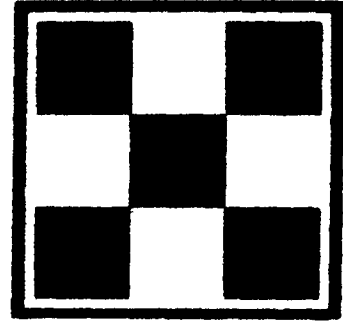


®

PURINA®

DAIRY RESEARCH



®

Since 1928 Purina has conducted continuous Dairy research at the Purina Research Farm near Gray Summit, Missouri. Purina's reputation for leadership in Dairy research stems largely from advanced research techniques and methods used by Purina Dairy scientists.

Digestation Studies in the Metabolism Unit Help Lead To New and Improved Milking Rations.

Both basic and applied research are part of Purina's Dairy research program. One important facility at the Dairy Research Center is the six cow Metabolism Unit. Here daily feed and water intake, as well as milk production, are carefully measured along with total excrement. These measurements enable Purina scientists to study the cow's digestion and accurately determine the nutritional value and utilization of feed ingredients. Data from this research is especially valuable in developing new and improved High Performance Milking rations.



Fistulated Cows Furnish Information Vital to Improved Feed Efficiency and Top Performance.

The removable "window" or fistula in the side of the cow in the metabolism stall was inserted surgically and painlessly allowing the cow to calve and function normally. Laboratory analyses of rumen samples taken through the opening provide a broad range of vital data used in studying rumen microorganisms and their influence on such functions as protein synthesis, fermentation, butterfat production and forage utilization.

Information from these studies helps Purina scientists develop rations that make more efficient use of feed ingredients for maximum income over feed cost.

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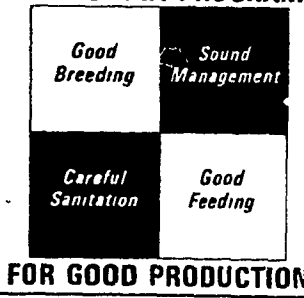
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