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Penn State Schedules Feed Conference

A quality control conference for feed processors will be held March 9 and 10 at Pennsylvania State University. The event is designed especially for people in the formula feed industry, says Dr. T. A. Long, animal nutrition faculty member in charge of arrangements. The conference gets underway March 9 at 7:30 p.m. in room 107 of the Animal Industries Building at University Park. The evening program will be devoted

primarily to an introduction to feed microscopy. Leading the presentation will be Edwin H. Probst and Fred Hummel, both of Agway, Inc., Buffalo, N.Y. Penn State personnel will also demonstrate systems for moisture determinations.

Events of March 10 will be held in the J. O. Keller Conference Center at Penn State with registration starting at 8 a.m. "Cost and Returns of Quality Control" will be presented by T. B. Windsor of the Ralston-Purina Company, Camp Hill, Pa. "Quality Control of Liquid Supplements" will be the topic of Dr. Gilbert Porter of Agway, Inc., Buffalo, N.Y.

"Mold Problems in Feedstuffs" will complete the morning program March 10, featuring Dr. G. P. Lynch of the dairy cattle research branch in the Agricultural Research Service, U.S. Department of Agriculture.

"The Effect of Pelleting on Ration Quality" will be the afternoon topic March 10 by W. L. Larabee Jr., of Merck, Sharpe and Dohme Research Laboratories, Rahway, N.J.

A panel on quality control on the farm will conclude the conference. This will be presented by faculty members in the Cooperative Extension Service at Penn State. Dairying will be handled by Donald L. Ace. Swine factors will be discussed by Dwight E. Younkin. Dr. Lester A. Burdette will describe beef cattle considerations. Quality control for poultry will be discussed by Dr. Owen D. Keene. Dr. Samuel B. Guss will serve as moderator.

Further information can be obtained from W. L. Sipple Jr., at 410 Keller Building, University Park, Pa., or from Dr. Long at 324 Animal Industries Building, University Park, Pa. 16802.

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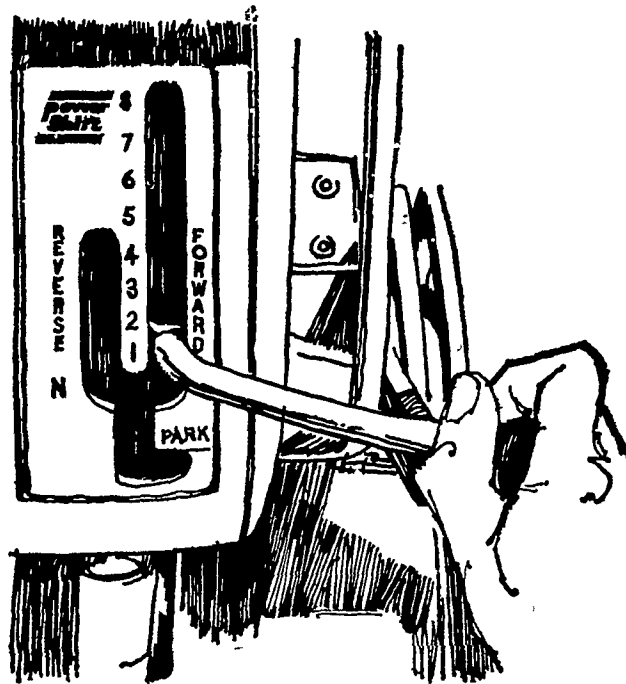
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What's New?

Automated Milk Plants

Improved plant layouts, along with automated and highly mechanized operation methods, can significantly reduce costs for dairy plants manufacturing butter and dried milk products, the USDA reports.

Automation and improved layout could cut annual operating costs about \$33,440 in a plant with a daily capacity of 250,000 pounds of milk, studies show.

An automated plant manufacturing sweet cream butter, low-and high-heat powdered skim milk, and dried instantized skim milk and buttermilk would require only 17 workers, compared with 25 for a non-automated plant of the same size.

The cleaning operation would require four fewer workers. One less worker would be needed for each of these operations receiving, processing, bagging products, and maintenance.

The studies were conducted under a research contract awarded by USDA's Agricultural Research Service.

Complete information on automation and layout, data on how the plant operates, labor requirements, and costs and benefits of labor saving devices are in a 36-page report prepared by Paul H. Tracy, former professor of dairy technology at the University of Illinois, Urbana.

Copies of the publication, Marketing Research Report No. 383, "Layouts and Operating Criteria for Automation of Dairy Plants Manufacturing Butter and Dried Milk Products," are available for 45 cents each from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. Please use zipcodes.