

# British Research in Dairying

## A Review

**T**he British National Institute for Research in Dairying is located at University College, Reading, England (now the University of Reading). A report for the years 1941, 1942, and 1943 has just been furnished to the North Dakota Agricultural Experiment Station, along with a complete list of their publications in the broad field of Dairy Science.

Interesting articles in this three-year report include studies on (1) Stimulation of milk production in cows by feeding with iodinated protein; (2) the feeding of straw pulp (straw pulped by caustic soda so as to increase its nutritive value); (3) effect of rations, high in dry matter, on milk production; (4) "steaming-up" dairy cows with concentrates and with bulky foods; (5) appetite and bulky foods; (6) artificial insemination of dairy cattle; (7) the effect of air raids on the composition of milk; (8) the freezing point of milk and the detection of added water; (9) the effect of the feed of the cow on the nitrogen distribution in its milk; (10) the occurrence in winter of milk with a low content of solids-not-fat; (11) oestrus and pregnancy tests of cows; (12) the effect of mastitis on the composition of milk; (13) hypochlorites in milk; (14) cheesemaking starters and bacteriophage; (15) H.T.S.T. pasteurization; (16) disinfection of milking machines; (17) the chemical, physi-

cal and microbiological estimation of vitamins in milk and other foodstuffs; (18) the nutritive value of fats; (19) biological value of the proteins of milk and other products; (20) the causes of "off flavour" development in milk; (21) artificial induction of lactation in virgin and barren animals; and numerous other investigations.

### A Mobile Laboratory for Creameries

The University of Reading established in 1941 a mobile laboratory as a trouble-shooting service for British creameries. This laboratory with specialist staff goes directly to the creamery or cheese factory having troubles. The service rendered is comparable to the state-wide butter testing program for North Dakota creameries recently inaugurated by the North Dakota Agricultural Experiment Station, cooperating with the North Dakota Research Foundation. (H.L.W.)

**Dr. Jesse E. Parker, chairman of the Department of Poultry Husbandry, is the author of an article on the "Relation of Time of Day of Artificial Insemination to Fertility and Hatchability of Hen's Eggs" in POULTRY SCIENCE: Vol. XXIV, No. 4, July, 1945. The research was conducted while Dr. Parker was connected with the Tennessee Agricultural Experiment Station. Reprints of the article can be obtained from Dr. Parker as long as the supply lasts. (H.L.W.)**