

JOURNAL OF DAIRY SCIENCE

Contents

<i>An Activity Test for Cheddar and Cottage Cheese Starters.</i> B. E. HORRALL AND P. R. ELLIKER	245
<i>The Use of Reconstituted Non-fat Dry Milk Solids for Propagating Mother and Batch Starter Cultures.</i> B. E. HORRALL AND P. R. ELLIKER	250
<i>The Relationships among Cracked Soybeans Fed, Barn Temperature and the Degree of Unsaturation of Milk Fat.</i> J. B. FRYE, JR., C. Y. CANNON AND E. W. BIRD	257
<i>The Relation between the Degree of Solidification of Fat in Cream and its Churning Time. II. The Physical Distribution of the Liquid-solid Phases within the Globule.</i> J. ROBERT BRUNNER AND E. L. JACK	267
<i>Electrophoresis of Milk Proteins. I. Some Comparisons of Salt-acid and Salt-lyophilized Whey Fractions.</i> WILLIAM G. STANLEY, A. C. ANDREWS AND C. H. WHITNAH	275
<i>Stale-flavor Components in Dried Whole Milk. III. The Steam Distillation of Stale-flavor Components from Stale Butter Oil.</i> R. MCL. WHITNEY, KATHERINE PAULSON AND P. H. TRACY	281
<i>Importance of Hay Quality as Indicated by Feeding Trials with Identical Twin Dairy Heifers.</i> CHANDRAKANT N. KELKAR AND T. W. GULLICKSON	288
<i>The Number of Proved Sons Necessary to Evaluate the Transmitting Ability of a Dairy Sire.</i> W. E. WASHBON AND W. J. TYLER	293
<i>Flavor Deterioration Associated with the Lipid Phase of Whole Milk Powder.</i> ARTHUR T. MUSSET, STUART PATTON AND CHESTER D. DAHLE	299
<i>The Use of Dehydrated Forages in Dairy Cattle Rations. I. Grain Substitution with Finely Ground Material.</i> E. B. HOPE, R. E. EBB, T. H. BLOSSER, U. S. ASHWORTH AND A. O. SHAW	306
<i>The Effect of Vitamin A from Prenatal Storage and from Ingestion of Colostrum on the Neonatal Calf.</i> L. NEZVESKY, H. D. EATON, R. E. JOHNSON, L. D. MATTERSON, C. I. BLISS AND A. A. SPIELMAN	315
<i>Studies of Heated Milk. I. Formation of 5-Hydroxymethyl-2-Furfural.</i> STUART PATTON	324
<i>Parturient Paresis. VI. Some Changes in the Urinary Excretion of Certain Constituents at Parturition and their Possible Association with Changes in the Blood Picture.</i> T. H. BLOSSER AND VEARL R. SMITH	329
<i>Changes in Milk Production with Age and Milking Frequency.</i> JAY L. LUSH AND ROBERT B. SHRODE	338
<i>Program, Forty-fifth Annual Meeting</i>	358
<i>Abstracts of Literature</i>	A67

Vol. XXXIII, No. 5, May, 1950

Published by the

AMERICAN DAIRY SCIENCE ASSOCIATION