

# Journal of Dairy Science

May 1974

Volume 57, Number 5

## CONTENTS

NEWS AND EVENTS .....	5
-----------------------	---

### GENERAL INTEREST:

Administrative Information .....	3
President's Comments .....	4
Abstracts of Papers to be Presented at the 69th Annual Meeting .....	579
Proposed Revision of Bylaws of the Dairy Foods Division .....	655
Proposal to Amend Bylaws of the Production Division .....	658

### RESEARCH PAPERS:

Extracellular Protease of <i>Penicillium roqueforti</i> . I. Production and Characteristics of Crude Enzyme Preparation. H. W. Modler, J. R. Brunner, and C. M. Stine .....	523
Extracellular Protease of <i>Penicillium roqueforti</i> . II. Characterization of a Purified Enzyme Preparation. H. W. Modler, J. R. Brunner, and C. M. Stine .....	528
Production of Ethylesters by Some Lactic Acid and Psychrotrophic Bacteria. A. Hosono, J. A. Elliott, and W. A. McGugan .....	535
Brine Soluble Protein of Cheddar and Gouda Cheese. S. K. Gupta, R. M. Whitney, and S. L. Tuckey .....	540
Distribution of Added Iron and Polyphosphate Phosphorus in Cow's Milk. J. J. Basch, S. B. Jones, E. B. Kalan, and M. V. Wondolowski .....	545
Influence of Mastitis on Properties of Milk. IX. Isolated Caseins. H. E. Randolph and K. K. Sharma .....	551
Metabolism of Lactate Isomers by Rumen Mucosa. R. A. Prins, F. van Vugt, A. Lankhorst, and J. Akkermans-Kruyswijk .....	556
Milk and Fat Yield Differences for Grade Cows Sired by Artificial and Natural Insemination. G. J. King and B. T. McDaniel .....	562
Growth Response of Pail-Fed Heifers to an All-Whey Milk Replacer. R. Volcani and A. Ben-Asher .....	567

**TECHNICAL NOTE:**

Calf Mortality.  
D. A. Hartman, R. W. Everett, S. T. Slack, and R. G. Warner ..... 576

**ASSOCIATION AFFAIRS:**

Abstracts of Papers to be Presented at the 69th Annual Meeting  
of the American Dairy Science Association ..... 579

Proposed Revision of Bylaws of the Dairy Foods Division  
American Dairy Science Association ..... 655

Proposal to Amend Bylaws of the Production Division  
American Dairy Science Association ..... 658