

# ASSOCIATIONS FORUM

## Cereal Chemists to Hear Talk On Feeding Businessmen

Feeding the American businessman, a topic currently receiving much thought, will be the subject of Theodore G. Klumpp, president of Winthrop-Stearns, Inc., when he addresses the annual convention of the American Association of Cereal Chemists next month. The meeting is to be held in Buffalo, N. Y., at the Hotel Statler from May 24 to 29.



Theodore G. Klumpp

Another high point in the convention program will be an address on "Frontiers in Nutrition Research" by E. W. McHenry of the University of Toronto.

The technical program is printed below.

### Monday

J. A. ANDERSON. Presidential Address.  
THEODORE KLUMPP. Feeding the American Businessman.

E. W. MCHENRY. Frontiers in Nutrition Research.

### Enzyme Symposium

GERALD REED, Chairman

CAROL BOWLBY, HENRY TUCKER, BYRON S. MILLER, and JOHN JOHNSON. A Comparison of Methods for Determining Proteolytic Acitivity.

G. N. IRVINE and J. A. ANDERSON. Wheat Lipoxidase.

D. M. DIRKS, P. D. BOYER, and W. F. GEDDES. Some Properties of Fungal Lipases and Their Significance in Stored Grain.

D. P. LANGLOIS. Controlled Hydrolysis of Starch to Obtain Fermentable Sirups of Varying Maltose-Dextrose Ratios.

### Tuesday

#### Grain Chemistry and Technology

BYRON S. MILLER, Chairman

W. S. HALE, ALI MOHAMMAD, and D. K. MECHAM. Composition of the Pentosans Extracted by Acid from Wheat: Its Relationship to Milling Behavior.

NORTON C. IVES. Temperature, Time, and Moisture Relationships in Grain Drying.

E. J. BASS, W. O. S. MEREDITH, and J. A. ANDERSON. Enzymes that Degrade Barley Gums. II: Preparations from Barley and Green Malt.

BEN GROGG, D. L. PALMER, A. J. ZIMMERMAN, and J. A. SHELLENBERGER. Determination of the Average Particle Size of Flour.

EARL COLE and MAX MILNER. Colorimetric and Fluorimetric Properties of Sick Wheat Extracts.

H. DOMENIGG and L. S. CUENDET. Effect of Previous History on the Develop-

ment of Germ-Damaged Wheat During Storage.

### Feed Symposium

S. F. BROCKINGTON, Chairman

W. R. FLACH. The Application of Laboratory Quality Control to Feed Formulation.

G. P. WHITLOCK. Vitamin B<sub>12</sub> and Antibiotics in Poultry and Animal Nutrition.

ERNEST BECHTEL. More Than Meets the Eye.

ELSIE SINGRUEN. Feed Formulation with Brewer's Yeast.

### Wednesday

#### Animal Nutrition Symposium

AARON ARNOLD, Chairman

B. E. SHEFFY. Recent Emphasis on the Nutrition of Baby Pigs.

H. D. BRANION. Recent Advances in Poultry Nutrition.

C. B. KNOTT. Feeding the Young Dairy Calf.

W. L. LOESCHKE. Nutrition of Fur-Bearing Animals.

#### Methods in Cereal Chemistry

LAWRENCE ZELENY, Chairman

DONALD E. SMITH, HAROLD M. KELLER, and JOHN S. ANDREWS. Studies on the Sulfhydryl Content of Flours and Flour Doughs.

WILLIAM T. YAMAZAKI. Flour Hydration as a Measure of Cookie Quality.

HELEN BAEDER, MARY KIMBALL, and C. G. HARREL. Program Controlled Attachment for Mixers Eliminating Human Errors.

L. S. CUENDET and W. F. GEDDES. Preliminary Studies on the Chopin Zymatograph.

C. J. HARREL. A Semiautomatic Cake Mixer for Laboratory Control Work.

R. E. ADAMS, J. E. WOLFE, MAX MILNER, and J. A. SHELLENBERGER. Aural Detection of Internal Infestation.

ANDREW J. ALLGAUER, GEORGE HILL, EARL K. SPOTTS, and GASTON DALBY. The Flour Factor in the Farinograph Test for the Baking Properties of Milk Solids.

R. B. KOCH, A. F. FELSHER, T. H. BURTON, R. A. LARSEN. Cereal Lipase. I: A Rapid Method for Determination of Lipase Activity and Characterization of Wheat Germ Lipase.

### Thursday

#### Flour Chemistry and Baking Technology

DONALD F. MEISNER, Chairman

WILMA J. WRIGHT, C. W. BICE, and J. M. FOGELBERG. The Effect of Spices on Yeast Fermentation.

J. A. ANDERSON and M. H. FISHER. A Method of Studying the Effects of Frost, Immaturity, Etc., on Milling and Baking Qualities of Wheat.

JAMES W. PENCE. Isoelectric pH Values of Wheat Flour Albumins.

JAN MICKA. Some Factors Affecting pH in Biscuits and Crackers.

JOHN A. JOHNSON and HAROLD N. HANEY. Browning Reaction in Baked Products.

A. L. GORDON, R. JENNESS, and W. F. GEDDES. Further Studies on the Heat-Labile Loaf Volume Depressant of Milk Serum Proteins.

R. T. BOHN. Biological Method for Determination of Reducing Sugars in Bread.

R. M. SANSTEDT, LARENE SCHAUMBURG, and JAMES FLEMING. The Microscopic Structure of Doughs and of Bread.

### General Cereal Chemistry

EDWIN L. SEXTON, Chairman

M. J. WOLF, JOHN A. CANNON, E. C. ROSEWALL, M. M. MACMASTERS and C. E. RIST. Preparation and Some Properties of Hemicelluloses from Corn Hulls.

C. W. OFELT and A. K. SMITH and ROBERT E. DERGES. Baking Behavior and Oxidation Requirements of Soy Flour. I: Commercial Full-Fat Soy Flours.

C. W. OFELT, A. K. SMITH, and JAMES M. MILLS. Baking Behavior and Oxidation Requirements of Soy Flour. II: Commercial Defatted Soy Flours.

ARCHER C. WILCOX, BYRON S. MILLER, and MAX MILNER. Growth-Promoting Substances in White Sugars from Different Sources of Manufacture and Their Effect on Fermentation.

J. MARSHALL POLLOCK and W. F. GEDDES. The Effects of Soy Flour Constituents in Breadmaking.

JOHN C. SUMMERS and F. H. THURBER. Protein Enrichment of Baked Foods by the Addition of Cottonseed Flour.

EUGENE S. SAGI. Separation of Gliadin from Dried Wheat Gluten.

## Plant Food Meeting to Hear Congressmen, USDA Official

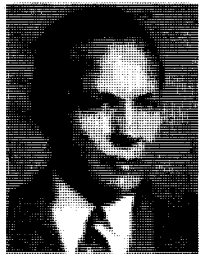
Rep. Clifford R. Hope (R-Kans.) and Assistant Secretary of Agriculture Earle J. Coke will be featured speakers at the eighth annual convention of the American Plant Food Council. The APFC meeting is to be held at the Homestead, Hot Springs, Va., from June 11 to 14.

Mr. Coke is expected to discuss many of the program changes and policies in the Department of Agriculture, particularly in the field of research, extension, and land use for which he has the administrative responsibility under the department's reorganization. Rep. Hope will be the main speaker at the banquet on the evening of June 13.

A new feature at this year's convention will be the honoring of two farm magazine editors as winners of APFC's Soil Builders Award. The Soil Builders contest was planned to recognize editors and their staff members who are judged as having rendered outstanding service as soil builders.

Other speakers will be Paul T. Truitt, APFC president; T. K. Cowden, head

of the Michigan State College department of agricultural economics; and H. H. Maynard, chairman of Ohio State University's department of business organization.



J. Earl Coke



Clifford R. Hope

An agricultural forum is also planned. Forum speakers will be extension agronomists from New England, the Midwest, South, and West.

### Oil Chemists to Hear 28 Papers at New Orleans Meeting

The American Oil Chemists' Society has announced that 28 papers will be delivered at its 44th annual meeting in New Orleans at the Hotel Roosevelt May 4 to 6.

On Sunday evening, May 3, there will be a mixer, the past presidents' dinner on the following evening, and a golf tournament and dinner-dance on May 5. The awards luncheon is scheduled for May 6.

At the business sessions, the results of election of officers and voting on the proposal to establish local sections will be announced.

The technical program follows.

#### Monday

PROCTER THOMSON, Presiding

C. D. EVANS, A. W. SCHWAB, AND J. C. COWAN. Flavor Problem of Soybean Oil. XIV: Oxygen Coordination Compounds Effective in Edible Oil Stabilization.

C. D. EVANS, A. W. SCHWAB, AND PATRICIA M. COONEY. Metal Inactivation in Edible Oils by Carboxymethylmercapto Succinic Acid.

R. O. SIMMONS AND F. W. QUACKENBUSH. Sequence of Formation of Fatty Acids from Radioactive Sucrose in Developing Soybean Seeds.

W. G. BICKFORD, E. F. DUPRE, C. H. MACK, AND R. T. O'CONNOR. The structural relationships between  $\alpha$ - and  $\beta$ -Eleostearic Acids and Their Maleic Anhydride Adducts.

W. S. SINGLETON AND T. L. WARD. The Effect of Positional and Geometrical Isomerism on the Dilatometric Properties of Some Octadecenoic Acids.

R. J. SIMS AND L. HILFMAN. Formation of Trans Isomers during the Hydrogenation of Glyceride Oils.

O. S. PRIVETT, CHRISTENSE NICKELL, W. O. LUNDBERG, WESLEY TOLBERG. Studies on the Autoxidation of Methyl Linolenate.

EDWIN P. JONES, HERBERT J. DUTTON, AND JOHN C. COWAN. Edible Spreads of Wide Plastic Range from Vegetable Oils and Monoglycerides.

NISON N. HELLMAN, HENRY F. ZOBEL, AND FREDERIC R. SENTI. Application of High-Speed Centrifugation to Studies of Plastic Spreads.

#### Tuesday

F. G. DOLLEAR, Presiding

F. A. KUMMEROW. A Survey of Institutions Which Offer Training in Fat and Oil Technology in the United States.

ARTCHER E. GRIFFIN. New Developments in Tall Oil Affecting the Fats and Oils Fields.

L. R. DUGAN, JR., AND LOTTE MARX. Photoactivation and Antioxidant Effects on Colors Formed in Lard.

S. P. FORE, N. J. MORRIS, C. H. MACK, A. F. FREEMAN, AND W. G. BICKFORD. Factors Affecting the Stability of Crude Oils of Sixteen Varieties of Peanuts.

F. E. LUDDY AND R. W. RIEMENSCHNEIDER. Glyceride Composition of Fats and Oils by Oxidation and Crystallization Methods.

R. F. PASCHKE AND H. H. WHEELER. The Unsaturated Fatty Acids of the Alga Chlorella.

HERBERT J. DUTTON. Countercurrent Distribution—A Research Tool for the Lipid Chemist.

#### Wednesday

E. A. GASTROCK, Presiding

DUNCAN MACMILLAN, EUGENE H. MELVIN, AND TROY A. SCOTT, JR. Trichromatic Coefficients of Vegetable Oils.

H. R. STOPPER, B. A. SAFFER, AND S. T. BAUER. Factors Influencing the Determination of the Acetone-Insolubles of Commercial Lecithin.

RALPH W. PLANCK, FRANK C. PACK, AND LEO A. GOLDBLATT. A Halogenation Method for the Determination of the Total Unsaturation of Tung Oils and of Eleostearic Acids.

DON S. BOLLEY. Composition of Castor Oil by Optical Activity.

A. S. HENICK, M. F. BENCA, AND J. H. MITCHELL, JR. Estimation of Carbonyl Compounds in Fats.

### CALENDAR

**Packaging Machinery Manufacturers Institute.** Semiannual meeting, Sheraton Hotel, Chicago. April 18-19.

**National Frozen Foods Industries.** Exposition: Grand Central Palace, New York, N. Y. April 20-23.

**American Dry Milk Institute.** Annual Meeting, Edgewater Beach Hotel, Chicago, Ill. April 21-22.

**The Fiber Society.** Roosevelt Hotel, New Orleans, La. April 22-24.

**4th Congress of the European Brewery Convention.** Nice, France. May.

**American Society of Brewing Chemists.** Annual Meeting, Sheraton Gibson Hotel, Cincinnati, Ohio. May 3-7.

**National Cottonseed Products Association.** Annual Meeting, Ambassador Hotel, Los Angeles, Calif. May 11-12.

**Bioengineering Symposium.** Rose Polytechnic Institute, Terre Haute, Ind. May 23.

R. O. SIMMONS AND F. W. QUACKENBUSH. Separation of Unsaturated  $C_{18}$  Acids as Derivatives of 2,4-Dinitrobenzenesulfonyl Chloride.

W. HAWARD HUNT, M. H. NEUSTADT, JOE R. HART, AND LAWRENCE ZELENY. A Rapid Dielectric Method for Determining the Oil Content of Flaxseed.

R. F. PASCHKE, JAMES R. KERNS, AND D. H. WHEELER. A Micromolecular Still.

F. H. THURBER, H. L. E. VIX, W. A. PONS, JR., A. J. CROVETTO, AND N. B. KNOEPFLER. The Effect of Processing Conditions on the Properties of Screw-Press Meals and Oils.

E. M. JAMES, Presiding

JOHN W. DUNNING. The Prepressing of Soybeans Prior to Solvent Extraction.

CARL M. LYMAN, WAN YIN CHANG, AND J. R. COUCH. Causes for Variations in Protein Quality in Cottonseed Meals.

J. J. SPADARO, A. V. GRACI, JR., P. H. EAVES, L. J. MOLAISON, H. K. GARDNER, E. L. D'AQUIN, AND H. L. E. VIX. Pilot-Plant Application of Filtration-Extraction to the Processing of Soybeans.

### Undersecretary Morse to Address NFA'S June Convention

True D. Morse, Undersecretary of Agriculture, is slated to address the members of the National Fertilizer Association when they meet in the Greenbrier Hotel at White Sulphur Springs, W. Va., from June 15 to 17.



Louis H. Ware



True D. Morse

Accompanying Mr. Morse on the program for the first general session will be Hugh M. Comer, president of Avondale Mills, and Louis Ware, president of International Minerals & Chemical and chairman of NFA's board of directors.

A major feature of the program will be the panel discussion on June 15 on efficient water utilization, sponsored by NFA's plant food research committee. Participants will be W. B. Camp of W. B. Camp & Sons; R. Q. Parks of USDA; James Ferguson of Memphis, Tenn.; and H. H. Tucker of the Coke Oven Research Bureau.

NFA's president, Russell Coleman, will lead off the second general session on June 17 and will be followed by a panel discussion on the proper use of more fertilizer.

Roy Battles, assistant to the master of the National Grange will be moderator of the panel, which includes Milton C. Cummings, president of the Farmers and Merchants State Bank of Effingham, Kan.; Werner L. Nelson, North Carolina State College; Frank W. Parker, USDA; and W. F. Price, Swift & Co.