

September 1 Is Deadline for Fatty Acid Entries

THE SEPTEMBER 1 deadline is nearing for students who wish to enter papers in the competition for the \$500 Fatty Acid Producers Award, given by the Fatty Acid Division of the Association of American Soap and Glycerine Producers Inc., New York, and administered by the American Oil Chemists' Society, Chicago.

Manuscripts and the official entry form are to be submitted to the Society at 35 E. Wacker drive, Chicago. Judges are R. T. Milner, University of Illinois, Urbana; J. C. Cowan, Northern Utilization Research Branch, Peoria, Ill.; and A. R. Baldwin, Cargill Inc., Minneapolis, Minn.

Announcement of the winner will be made at the Philadelphia meeting of the Society, October 10-12, and at the same time the 1956 competition will be opened. M. L. Sheely, Armour and Company, Chicago, is chairman of the Society committee, assisted by S. T. Bauer, Crosby Chemicals Inc., De Ridder, La., and D. H. Wheeler, General Mills, Minneapolis.

A.O.C.S. Aids New Group

The Governing Board of the American Oil Chemists' Society welcomes the formation of the International Society for Fat Science and has contributed \$100 to help cover some of the initial costs of getting the Society into operation. A letter of thanks for the encouragement and generosity of the A.O.C.S. has since been received from Prof. H. P. Kaufmann, one of the founders of the new organization.

Back Issues for India

A MEMBER of the American Oil Chemists' Society in India, who is attempting to build up a technical library for a government institution, has asked for a large supply of back issues, many of which are not in stock in the Chicago office. The wanted numbers are:

1924—July
 1926—January, February, March, April, May, June, July, August, October
 1927—March
 1928—June, October, November
 1931—December
 1932—February, April, June, July, October, November
 1933—January, February, April, June, July, August, September, November
 1934—January, June, July, September
 1935—January, February, March, August, September, December
 1936—January, February, April, July, November
 1937—July, August, October

The Society will be glad to receive donations of any of these issues, or to buy them. Correspondence is invited, and the issues may be sent express collect.

Egloff Dies

Gustav Egloff of the Universal Oil Products Company, Des Plaines, Ill., died on April 29, 1955. He had just become a member of the American Oil Chemists' Society.

William K. Whiteford was elected to the board of directors of PROCTER AND GAMBLE, Cincinnati, O., following the resignation of Floyd M. Barnes. New officers are C. K. McCracken, company comptroller, and D. P. Fite, assistant secretary.

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Problem Corner

The reader writes from Natal:

May 20, 1955.

We have recently been forced to resuscitate an old set of continuous screw presses of various types and to use them for expressing groundnut and sunflower seeds without the aid of solvent extraction. We find both throughput and residual oil in cake disappointing and feel that we should, with greater knowledge, be able to improve both.

We would be most grateful if you could inform us what literature on the theory and practice of oil expressing is available and whence we could obtain it.

A READER.

The technical correspondent for the American Oil Chemists' Society replies:

June 1955.

We are sending you herewith the following literature, which we believe you will find unusually good, covering the theory and practice of operating screw presses in the processing of fatty oils:

1. Research report No. 47, "Recommended Standards for Operating Screw Press Mills in Processing Cottonseed"
2. Bulletin 135, "Screw Pressing of Cottonseed"

Both are publications of the Texas Engineering Experiment Station, which is a part of the Texas A & M College System, where the best facilities in this country are available to those engaged in this pursuit.

Additionally, we recommend that you write to the manufacturers of the screw presses which you have, asking them for their recommendations, together with any instructions and suggestions which they may have for you.

J. P. HARRIS

New Members

Active

- William John Bluemling, research chemist, Marcus Ruth Jerome Company, Neville Island, Pa.
 William B. Bunger, associate professor of chemistry, Alabama Polytechnic Institute, Auburn, Ala.
 Douglas Edward Howes Jr., research chemist, Colgate-Palmolive Company, Jersey City, N. J.
 Richard E. Johnson, chemist, Skippy Peanut Butter Division, Best Foods Inc., Minneapolis, Minn.
 Francis X. Kobe, technical sales supervisor, Durkee Famous Foods, Elmhurst, L. I., N. Y.
 Edward Price Lewis, chemist, Swift and Company, Chicago, Ill.
 Allison Maggiolo, director of development, Ozone Processes Division, Welsbach Corporation, Philadelphia, Pa.
 Robert Milton Pierce, chemist, Minnesota Linseed Oil Company, Minneapolis, Minn.
 Albert M. Reynaud, chief chemist and assistant plant superintendent, Gulf Soap Corporation, Arabi, La.
 Robert D. Swisher, research group leader, Monsanto Chemical Company, Everett, Mass.
 Lucius L. Walton, research chemist, Glyco Products Company Inc., Williamsport, Pa.

Individual Associate

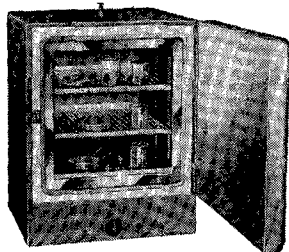
- Charles Emmett Brown, chemist, Riverside Oil Mill, Marks, Miss.

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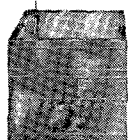
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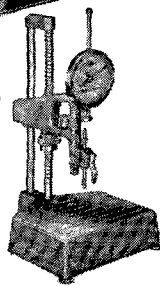
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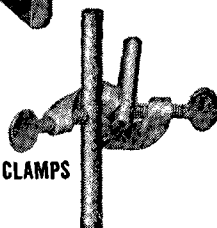


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Meetings

The general theme of the TAPPI National Plastic Meeting, to be held in Brooklyn, N. Y., November 14-15, 1955, will be "Fibres and Plastics for Laminates."

The 128th national meeting of the American Chemical Society will be held in Minneapolis, Minn., September 11-16, 1955. Lloyd H. Reyerson will serve as general chairman.

A joint lubrication conference sponsored by the lubrication activity committee of the American Society of Mechanical Engineers and the American Society of Lubrication Engineers will be held October 10-12, 1955, at the Antlers hotel, Indianapolis, Ind.

The National Association of Corrosion Engineers has announced that annual meetings will be held as follows: 1956, New York, N. Y.; 1957, St. Louis, Mo.; 1958, San Francisco; and 1959, Chicago, Ill.

The short course on corrosion is to be given at the University College and the School of Engineering of Washington University, St. Louis, Mo., September 12-16, 1955.

The sixth National Conference on Standards will be held at the Sheraton-Park hotel, Washington, D. C., October 24-26, 1955, with the National Bureau of Standards and the American Standards Association acting as co-sponsors.

American soybeans in world markets will be a leading topic of the 35th annual convention of the American Soybean Association, to be held August 30-31, 1955, at the Netherland Plaza hotel, Cincinnati, O. Among the speakers will be Guy W. Chipperfield, London, England, and J. W. J. Stedman, of the Office of Foreign Agricultural Relations, U. S. Department of Agriculture.

The Association plans an extensive display of grade samples from actual cargoes of soybeans received in foreign countries from the United States and other exporting nations.

The annual seminar of the Society of Cosmetic Chemists, to be held in New York City, September 15-16, 1955, will feature a symposium on the use of radioactive isotopes in cosmetic research.

New Literature

Engineering and construction services available through the Chemical Plants Division of Blaw-Knox Company, Pittsburgh, Pa., are explained in Bulletin No. 2505.

A new catalog now available from Merck and Company Inc., Rahway, N. J., lists more than 1,000 laboratory chemicals.

The June issue of Becco Echo, published by Becco Chemical Division, Food Machinery and Chemical Corporation, Buffalo, N. Y., contains an article entitled "The Measurement of Color."

Arthur H. Thomas Company, Philadelphia, Pa., announces publication of a 264-page supplement to their 1,472-page general catalog.

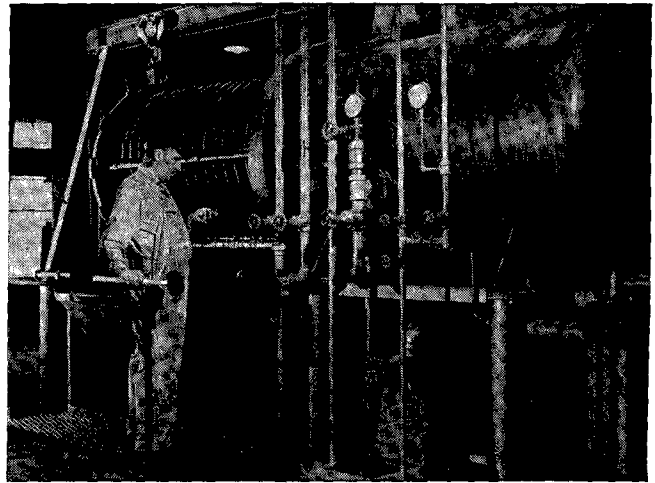
The third edition in 1955 of Progress Thru Research, a quarterly publication of General Mills Inc., Minneapolis, Minn., contains "Paint Talks" which were presented by Harold Witteoff before chapters of the Federation of Paint and Varnish Production Clubs.

The latest edition of Laboratory, published by Fisher Scientific Company, Pittsburgh, Pa., describes an all-electronic spectrograph with four working spectra.

The leading article in the April 1955 issue of Commercial Fisheries Review, published by the U. S. Department of the Interior, is entitled "Use of Underwater Television in Fishing-Gear Research."

A 12-page index-type technical bulletin outlining the uses and properties of gluconic acid, a relatively noncorrosive and nontoxic organic acid made by fermentation, has been released by Charles Pfizer and Company Inc., Brooklyn, N. Y.

Leeds and Northrup Company, Philadelphia, Pa., has published Data Sheet E-51(2) on portable potentiometers.



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In August, 1920

J. H. Shrader, chief chemist for the Coconut Products Corporation, Baltimore, Md., begins his connection with the Cotton Oil Press as assistant editor.

An article by John Malowan is carried on "The Effect of Rainfall on the Oil Content of Texas Cottonseed." Felix Paquin writes on "Alcohol for Analytical Purposes," and P. W. Tompkins on "Copra."

F. N. Smalley announces the check meal contest for the 1920-21 season and chides the slow entries. Six fertilizer samples are also to be sent out.

Other Associations

New officers of the CORNELL SOCIETY OF ENGINEERS are William M. Leonard, Consolidated Edison Company, president; Walter L. Hardy, Foster D. Snell Inc., executive vice president; Daniel M. Lazar, Cayuga Construction Company, treasurer; and Richard W. Eustis, Esso Standard Oil Company, recording secretary.

William E. Chace has been named director of education by the MANUFACTURING CHEMISTS' ASSOCIATION.

The EUROPEAN FEDERATION OF CORROSION was formed on May 19, 1955, during the Convention of Chemical Technology in Frankfurt am Main, Germany, when 33 technical and scientific societies from eight European countries met to discuss corrosion.

The ACHEMA XI Chemical Apparatus and Equipment Congress and Exhibition, which was held in Frankfurt am Main, Germany, in May, 1955, in connection with the European Convention for Chemical Engineering, drew a total of 12,150 registered visitors from 52 countries.

New officers of the AMERICAN SOCIETY OF LUBRICATION ENGINEERS are J. W. Hopkinson, Penn-Petroleum Corporation, Detroit, Mich., president; W. Deutsch, Trabon Corporation, Cleveland, O., vice president at large; E. R. Booser, General Electric Company, West Lynn, Mass., secretary; and W. H. Fowler Jr., Pure Oil Company, Chicago, Ill., treasurer.

New officers of the Societate del Spectroscopistas Molecular are Jerome M. Dowling, president; Ann Palm, secretary-treasurer; and Forrest F. Cleveland, editor of Spectroscopia Molecular. All are staff members at the Illinois Institute of Technology, Chicago.

The society, organized in April 1954, has members in eight countries. Spectroscopia Molecular is written in Interlingua, a new international language.

Joseph G. Davidson, vice president of Union Carbide and Carbon Corporation, New York, N. Y., will receive the Chemical Industry medal for 1955. It will be presented by the American section of the Society of Chemical Industry.

Fatty Acids Rise

Production of fatty acids in May 1955 totalled 37.6 million lbs., the highest level recorded in the last several years, according to the Association of American Soap and Glycerine Producers Inc. May production was 12.6% above that in April 1955 and 18.6% more than the May 1954 figure of 31.7 million lbs. The increase occurred, for the most part, in unsaturated acids.

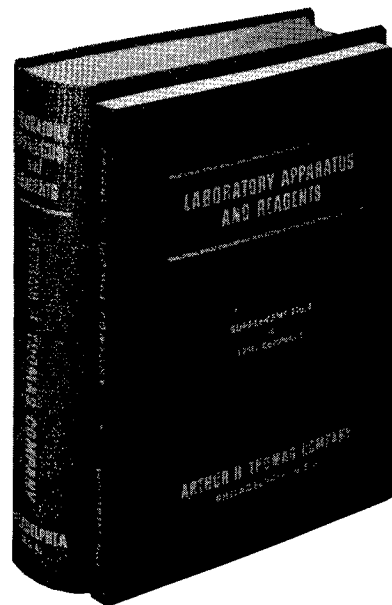
Total disposition was 41.2 million lbs., approximately 4.2 million lbs. over the April figures and 9.9 million lbs. above the May 1954 level. Stocks, including works in process, decreased to 40.4 million lbs.

CHARLES PFIZER AND COMPANY INC., Brooklyn, N. Y., has released a nine-page data sheet on two itaconic acid esters. Detailed information on physical properties, vapor pressure, reactions, polymerization, and toxicity are included in the company's Chemical Sales Division booklet No. 501.

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Present Oilseed Symposium

THE PROGRAM for the symposium on marketing the products of oilseeds, to be presented on September 12, 1955, as part of the fall meeting of the American Chemical Society at the University of Minnesota, Minneapolis, has been announced by Malcolm M. Renfrew, who will preside. Following introductory remarks by Dr. Renfrew, eight papers will be presented as follows:

Commodity Trading in Oilseeds and their Products, by E. H. Russell, Minnesota Linseed Company, Minneapolis, Minn.

Technical Representation in the Shortening Industry, by W. F. Schroeder, Humko Company, Memphis, Tenn.

The Lecithin Story, with a Moral, by Joseph Eichberg, American Lecithin Company, New York, N. Y.

Marketing of Vegetable Oilseed Proteins, by H. A. Olendorf and M. W. Dippold, Spencer Kellogg and Sons Inc., Decatur, Ill.

Developing Markets for Fatty Acids, by E. Scott Pattison, Association of American Soap and Glycerine Producers Inc., New York, N. Y.

Are the Vegetable Oil Producers Really Promoting their Products to Paint and Resin Manufacturers? by C. G. Moore, Glidden Company, Chicago, Ill.

How the Vegetable Oil Producers Expect to Meet the Needs of the Paint Industry, by Max Kantor, Cargill Inc., Minneapolis, Minn.

New Product Development Programs for Processors of Vegetable Oilseeds, by George K. Nelson, Archer-Daniels-Midland Company, Minneapolis, Minn.

In his talk Mr. Nelson will report that the program of diversification by developing new products is being intensified at Archer-Daniels-Midland, where linseed oil now accounts for only about 20% of total sales of more than \$200,000,000 per year.

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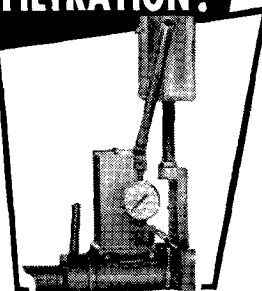
is the leading scientific journal in the field of fats and fat products as well as their associated products in Germany. It is the organ of Der Deutschen Gesellschaft für Fettwissenschaft (DGF).

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NUTRITION ROUNDTABLE—Cottonseed flour as a source of protein in the human diet was the subject discussed when R. F. A. Dean, of the Medical Research Council, Infantile Malnutrition Group, Mulago Hospital, Kampala, Uganda, Africa, and Donald R. Sabin, Milk Conservation Coordinator of the United Nations Children's Fund, visited the Southern Utilization Research Branch of the United States Department of Agriculture, New Orleans, La. Left to right are Dr. Dean, Mr. Sabin, F. H. Thurber, and A. M. Altschul.

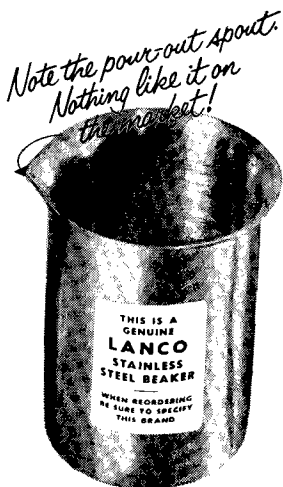
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An instrumentation reference service has been established at the National Bureau of Standards as a means of providing government laboratories with more complete access to existing information on measuring instruments, controls, and data-handling devices. This service, devised and maintained by the bureau's Office of Basic Instrumentation, is helping research scientists to arrive more quickly at the frontier of a particular area of investigation. Economies are also anticipated through elimination of duplicate effort.

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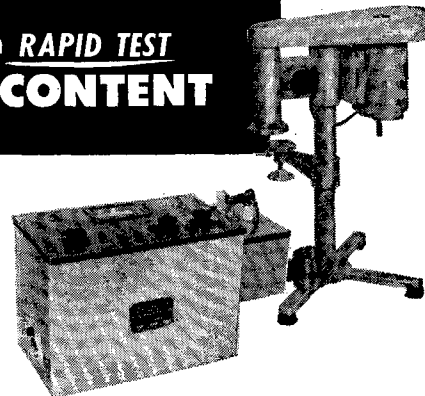
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1200	325	4 1/16	5 3/8	3.60	3.25
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G. W. Agee Dies

G. W. Agee (1909), past president and charter member of the American Oil Chemists' Society, died after an extended illness at his home in Memphis, Tenn., on July 25, 1955.

Mr. Agee was one of that group of nine men who met in Memphis in May, 1909, for the purpose of forming an association which a year later in Little Rock Ark., was formally organized as the Society of Cotton Products Analysts with 20 members. The name was later changed to The American Oil Chemists' Society. With E. R. Barrow he drew up the first constitution and by-laws for submission to the Little Rock meeting and served as secretary and treasurer until May 1912. He was elected vice president in 1913 and president in 1914.

Born in Richmond, Va., on August 20, 1882, Mr. Agee was graduated from Louisiana State University in 1901. His first position was as assistant chemist at the Louisiana Sugar Experiment Station, Audubon Park, New Orleans, La. The following year he became chemist in the sugar mill of d'Estrehan plantation on the Mississippi river above New Orleans. Early in 1903 he returned to New Orleans to become chemist of the New Orleans Acid and Fertilizer Company, a subsidiary of the American Cotton Oil Company.

On September 1, 1903, he accepted a position with Felix Paquin in Memphis, who at this time was a pioneer in developing a consulting and analytical laboratory service to the cottonseed oil industry. Three years later this association resulted in the organization of a partnership, Paquin and Agee, which continued until March, 1909, when Paquin left Memphis and sold his interest to Agee, who continued the laboratory in his own name until May 1, 1917. At that time, E. R. Barrow and Agee, who had been friendly competitors in the same field, joined in forming Barrow-Agee Laboratories Inc.

Mr. Agee served on many of the Society's committees, including the Refining, Bleaching Methods, and Oil Color committees. He was a member of the special Constitution and By-Laws Revision committee, and was on the Referee Board from 1940 to 1950.

In 1917 at the Dallas convention he was appointed by the Governing Board as editor of the Society's first official publication, the Chemists' Section of the Cotton Oil Press, and continued in that position until March 1920. This publication was the forerunner of the present Journal.

Although he had recently been making plans for retirement, Mr. Agee remained active at Barrow-Agee Laboratories until his death. Through his many activities in the Society and his constant willingness to be helpful, he endeared himself to many people, not only in his profession, but in the industry. He is survived by his widow.



G. W. Agee

On the Educational Front

American Cyanamid Company, New York, N. Y., has announced that 17 undergraduate scholarships and 14 graduate fellowships will be awarded in chemistry and chemical engineering for the academic year 1955-56. Junior or senior students selected by their university or college authorities will receive \$600 each for the academic year. The company will award \$1,500, plus full tuition and laboratory fees, to graduate students in their final predoctoral year. Each student's chemistry or chemical engineering department will receive \$300 for unrestricted use.

Gifts totaling more than \$300,000 for educational grants to colleges and universities for the advancement of science and engineering have been announced by The Dow Chemical Company, Midland, Mich.

An industry fellowship for research on tung oil has been established by the National Tung Oil Marketing Cooperative Inc. at the Southern Utilization Research Branch of the United States Department of Agriculture, New Orleans, La. Lucien L. Hopper Jr., of New Orleans, will conduct the work of the fellowship.