

Fats & Oils News

U.S. Soybean Crush—First Quarter 1984

| | January | February | March | Totals |
|--------------------------------|-----------|----------|---------|-----------|
| Capacity (1,000 bushels) | 128,343 | 120,063 | 128,343 | |
| Crush (1,000 bushels) | 93,866 | 79,113 | 86,026 | 259,005 |
| Per cent of capacity | 73.1 | 65.9 | 67.0 | 68.7 |
| Oil produced (1,000 lbs) | 1,050,919 | 890,025 | 965,975 | 2,906,919 |
| Oil yield (lbs per bushel) | 11.20 | 11.25 | 11.23 | 11.23 |
| Meal produced (1,000 tons) | 2,210 | 1,874 | 2,022 | 6,106 |
| Meal yield (lbs per bushel) | 47.09 | 47.38 | 47.02 | 47.15 |

Soy crush drops

The U.S. soybean crush in the first quarter of 1984 totaled approximately 260 million bushels. The previous quarter's crush was 271 million bushels, and during the first quarter of 1983 the crush was 375 million bushels.

The lower crush reflects the size of the drought-affected 1983 U.S. soybean harvest. Oil yield was 11.22 pounds per bushel for the first quarter of 1984, compared to 10.65 for the first quarter the previous year. Oil yields for the first two months of the second quarter, April and May, have been higher at 11.25 pounds and 11.33 pounds, respectively. Meal production in the first quarter of 1983 was 6.1 million tons, almost a million tons less than the production for the same quarter a year ago.

NSPA re-elects officers

The National Soybean Processors Association has re-elected officers for the 1984-85 year with Donald H. Leavenworth, a group vice president for Cargill Inc., continuing as NSPA chairman.

Other re-elected officers include Edward J. Cordes, vice chairman, and Thomas L. Shade, secretary-treasurer. Cordes is a vice president with Ralston Purina; Shade is president of Quincy Soybean Company. Sewell L. Spedden of Perdue Incorporated has been elected to the NSPA executive committee. William P. Hudson of Riceland Foods Inc. was re-elected to the executive committee.

Four persons received NSPA awards. Erwin Rohr, chairman of Unilever's Oil Milling Division in Germany, was cited for more than 30 years of service to the world oilseed industry. M. D. (Pete) McVay, president of Cargill Inc., was cited for service to the U.S. oilseed industry and to NSPA. McVay was NSPA board chairman from 1957 to 1959 and on the NSPA executive committee and board for 18 years. AOCS member John Heilman, vice president for engineering at the world processing division of Continental Grain Co., and John Mogush, a retired vice president from Cargill, were cited for service to NSPA. Heilman was chairman of NSPA's technical committee from 1976 to 1983. Mogush served on NSPA's trading rules committee from 1957-83, including 18 years as chairman, from 1959-77.

Fats in feed

The Oils and Fats division of the Society of Chemical Industry in England will hold a two-day meeting on "Oils and Fats in Animal Nutrition" on Sept. 20 and 21, 1984, in the DeVere Hotel, Coventry.

Topics will include the structure of oils and fats, sources, quality control, nutritional significance, uses in poultry, swine and ruminant nutrition, and how fats can be added to feeds.

The section also has scheduled a program on cosmetics for its Nov. 1, 1984, meeting, which will be the annual ladies' evening.

News briefs

Central Soya Co. of Fort Wayne, Indiana, has reached an agreement to purchase the assets of Victory Soya Mills Ltd., the Toronto-based cottonseed and soybean crushing operations of Procter & Gamble Co.

AOCS members Karl Klein and Wayne Patterson are associated with a new company which plans to market a drying system with applications in the food, chemical, petroleum, paper, cement, metals and clay industries. Klein is president of Tech-Canus Marketing Inc., and Patterson is manager of the company's southwest and western regions.

Robert E. Pajor, president and chief operating officer of the Valspar Corporation, will present the keynote address October 24 at the 62nd annual meeting of the Federation of Societies for Coatings Technology to be held at the Conrad Hilton Hotel, Chicago. He will speak on "Meeting the Challenge of Managing Change."

A.E. Staley Manufacturing Company has contracted with Foster Wheeler to build a new cogeneration power plant at its Sagamore corn refining facility in Lafayette, Indiana. The \$14 million plant is scheduled for completion in 1985. A.E. Staley, headquartered in Decatur, Illinois, is a leading processor of corn and soybeans.

Palmco Inc. of Portland, Oregon, has completed an expansion that raises plant capacity to 480 tons a day of finished

Fats & Oils News

edible oils. The design, done by Johnson-Loft Engineers Inc. of San Rafael, California, includes a heat recovery system to reduce natural gas consumption by 30%, according to the engineering firm.

Novo Industries introduced an enzyme this summer that has applications in food processing, especially soluble poly-

saccharide of soybean. Novo says its SP 249 enzyme can degrade soluble polysaccharide of soybean without degrading the protein. The enzyme reportedly degrades cell walls without degrading the substance being extracted. The enzyme also might be used to extract starch from potato peelings now discarded as scrap, for example. C&E News of July 4, 1984, carried a brief report on the Novo presentation.

Meetings

1985 meeting abstract form published

Persons who want to present a paper during AOCS' 76th annual meeting next spring in Philadelphia should use the abstract form in this issue of *JAOCs* to submit their abstracts.

Deadline for submitting abstracts is Nov. 1, 1984. The National Program Planning Committee will review abstracts in mid-November. Speakers will be notified during early 1985 if their papers have been accepted. Papers are to be 20 minutes in length, including any time the author wishes to use for questions from the audience.

Organizers for the Philadelphia meeting are encouraging speakers to consider giving poster presentations. The format allows the presenter to respond to specific, individual questions from listeners. The presenter, in turn, often learns details of work being done by others, perhaps triggering ideas for further research. There is virtually no limit on the number of poster presentations that can be accommodated. Space and time limitations restrict the number of lecture-and-slide presentations to approximately 300.

Two memorial symposia have been scheduled. A program on "Chemistry Biosynthesis and Function Sterols" will be dedicated to the late Henry Kircher, an AOCS member since 1963 and a long-time associate editor for *Lipids*, who died in January. A symposium on cancer and nutrition will be dedicated to the late Brian Walker, who had served as an associate editor of *Lipids* and on the editorial board of the *Journal of Nutrition*. Dr. Walker died last spring.

Volunteer papers will be assigned to sessions with papers on similar topics. If necessary, "general" sessions will be scheduled to accommodate worthwhile papers falling outside the scope of other sessions.

Technical program chairman Glen Jacobson of Campbell Soup Company has selected approximately two dozen tentative topics for other symposia and technical sessions. These are:

- Processing of Edible Oils and Oilseeds
- Flavor Chemistry of Fats and Oils
- Recent Trends in the Use of Fats and Oils in the Baking Industry
- Productivity Management
- Specialty Lipids and Their Biofunctionality
- The Role of Computers in Process Control and Manufacturing
- Trends in Edible Oil Processing and Consumption in Various Parts of the World

- Industrial and Institutional Cleaning
- Dispersions
- Surface Chemistry
- Surfactants: Performance and Evaluation
- Nonaqueous Cleaners
- Olefin Sulfonates
- Biochemistry of Fatty Acids
- Lipids and Immune Response
- Metabolic Effects of Cholesterol Oxide
- Legal Aspects and Quality Factors in the Use and Disposal of Frying Fats
- New and Improved Methods of Lipid Analysis
- Human Milk Lipids
- Gas Chromatography in Measurement of Food Quality
- Apolipoproteins
- HPLC in Triglyceride Analysis
- HPLC in Protein Analysis

Persons wishing to present papers should mail three copies of their abstracts to reach Dr. Jacobson before Nov. 1. The address is: Dr. Glen Jacobson, Technical Program Chairman, 1985 AOCS Annual Meeting, Box 57X, Campbell Soup Company, Campbell Place, Camden, NJ 08101 USA.

The tentative technical program will be published in the January 1985 *JAOCs*.

Call for Papers

The technical program committee for the 76th annual meeting of the American Oil Chemists' Society, to be held May 5-9, 1985, in Philadelphia, is accepting abstracts for papers to be presented during that meeting. Persons wishing to present papers should submit three copies of a 100- to 300-word abstract with title, speaker, speaker's full mailing address and coauthors clearly indicated. Contributed papers are required to be 20 minutes in length, including any time the author wishes to use for questions from the audience. Please indicate if you wish to make your presentation in a lecture and slide format or during a poster session. Persons whose abstracts are accepted will be notified during early 1985 by the program committee. Mail abstracts to: Dr. Glen Jacobson, Technical Program Chairman, 1985 AOCS Annual Meeting, Box 57X, Campbell Soup Company, Campbell Place, Camden, NJ 08101 USA. Abstracts must reach the chairman by Nov. 1, 1984, to ensure consideration for the program.