

H.**D.****L.**

(High Density Lipoproteins)

Proceedings of a symposium held at the annual meeting of the American Oil Chemists' Society in St. Louis, MO, May 15-16, 1978.

- I. Structure, Function and Analysis
- II. Clinical, Epidemiological and Metabolic Aspects

Organizing Chairman and Editor – Frank T. Lindgren

Session Chairmen and Coeditors – Alex V. Nichols and Ronald M. Krauss



PRICE: \$10 for AOCS members; \$15 for nonmembers. Order from AOCS, 508 South Sixth Street, Champaign, IL 61820.

International

More N.Z. speakers named

Several more speakers have been announced for the International Conference on Oils, Fats and Waxes to be held Feb. 13-17, 1983, in Auckland, New Zealand. Conference chairman is AOCS member Stanley Brooker of the Chemistry Department, University of Auckland, Private Bag, Auckland, New Zealand.

Conference brochures are available from Brooker and also from AOCS Headquarters, 508 S. Sixth St., Champaign, IL 61820.

Sune Bergström of Sweden is among the speakers and will present a plenary paper on prostaglandins. Other recently announced speakers include D.H. Buisson of New Zealand on the future of fish oils, L. Davey of New Zealand on tallow; W.W. Christie of England on structural analysis of lipids; R. Franich of New Zealand on capillary GLC of waxes; D.B. Johnson of New Zealand on use of chemical/chromatographic methods in analyzing unsaturated fatty esters; M. Gurr of England on dietary fats in human nutrition; S.P. Lee of New Zealand on bile acids; J.A. Birkbeck of New Zealand on fats and oils in the New Zealand diet; and L. Eyres of New Zealand on industrial aspects of fat nutrition.

More than three dozen other speakers from 18 nations are expected to participate. Organizers were awaiting written confirmation before announcing their names.

Egypt to build oil terminal

U.S. Department of Agriculture counselor Verle Lanier has reported from Cairo that contracts have been signed for construction of a new vegetable oil terminal in the Egyptian port city of Alexandria.

The new terminal will add 40,000 metric tons of storage for vegetable oil. Present capacity is about 25,000 metric tons. A 33,000-ton tanker is being used to store tallow, but some of that space is to be converted to vegetable oil storage pending completion of the new terminal, Lanier's report said.

Egypt has been a major market for U.S. cottonseed oil, with bulk imports. Soybean oil is imported in drums. The new terminal is expected to mean increased soy oil imports by Egypt, Lanier said.

Soviet oilseed crop down

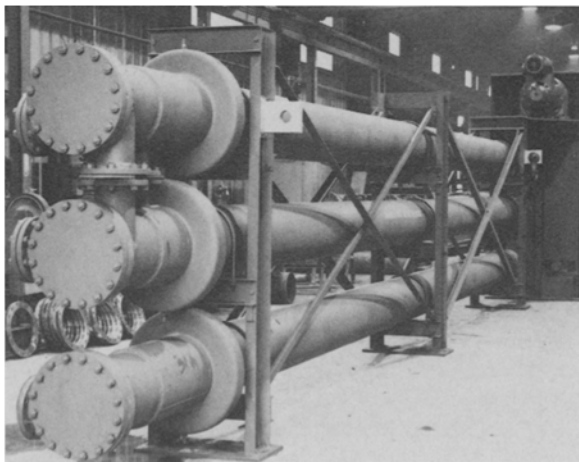
The Soviet Union is hoping for improved oilseed production in 1982 after a 1981 oilseed harvest estimated at 10.2

million tons by U.S. sources, below the 10.4 million tons of 1981.

Total vegetable oil production was estimated at 2.60 million tons in 1981 compared to 2.65 million tons in 1980 and an average of 2.9, 3.0 and 2.8 million tons for three previous five-year plan periods, respectively, according to USDA.

The 1981 decline was attributed primarily to a sunflower seed crop of 4.6 million tons, or 1.8 million tons short of the announced goal. For 1982, the Soviet goal is 6.54 million tons of sunflower, a 42% production increase which USDA observers regard as unattainable. Better seed varieties and strong measures to disease are needed to revive stagnating sunflower production, USDA observers believe.

The 1981 soybean crop was hard hit by poor weather, resulting in a disappointing crop of 450,000 metric tons. A good cottonseed crop totaled about five million tons, but oil yield was reportedly about 125-150 kilos per ton, rather than the more normal 165-180 kilos.



Local Sections

Northeast sets six meetings

The Northeast section of the AOCS has scheduled six meetings for the organization through next May.

The first meeting of the fall was scheduled for Sept. 14 as the annual awards night program at Robin Hood Inn in Clifton, New Jersey. Mark Bieber of Best Foods Division, CPC International, was named program chairman.

Future dates and tentative program, if determined, are:

Tuesday, Oct. 12, with AOCS President Karl T. Zilch as speaker at a site to be selected.

Tuesday, Nov. 16, all-day symposium on analytical methodology with a site and program to be announced.

Tuesday, Feb. 8, dinner meeting at the Hilton Conference Center in the Meadowlands with Ann Metzner as chairperson.

Tuesday, March 8, with Dr. Michael Blumenthal to speak on lab computerization. The program will be held at Rutgers University in New Brunswick, New Jersey, with Oliver Hsieh as chairman.

Tuesday, May 3, will be the annual guest night at a site to be selected. Andy Menasian will be program chairman.

Northeast Section members are mailed notices a few weeks prior to each meeting. Others seeking details should call AOCS Headquarters, 217-359-2344, or John Hasman, Best Foods Division, CPC International, 1120 Commerce Ave., Union, NJ 07083 (201-688-9000).

Continuous crystallizers for fractionation of fatty chemicals

Continuous cooling crystallizers are often used for fractionation of fatty chemicals. Typical uses include: fractionation of tallow and tall oil fatty acids, mono- and di-glycerides purification, winterization of some edible oils, palm/palm kernel oil fractionations, crystallization of salts of fatty acids, fatty alcohols fractionation, and similar processes.

Scraped surface crystallizers may also be used to cool viscous materials, such as lecithin or dimerized fatty acids.

Pilot plant crystallizers are available to rent to test new processes.

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