

## Management Needs

Research program managers and policymakers often need broad overviews of research activities in a given field. To meet these needs, SSIE offers the following services.

**Administration tabulations:** SSIE can present administrative information about projects in the file by geographic location, supporting organization, topic, investigator's name, and other topics. These reports can include tabulations of numbers of projects and funding amounts by pre-selected categories. Such tabulations can indicate areas of research that are being supported to help identify trends and gaps in overall research efforts.

**Catalogs and directories:** SSIE can produce contents for catalogs and directories of research projects in progress in broad fields of research. These contain, in addition to project descriptions arranged topically by chapters, complete accompanying indexes for subjects, investigator's name, and supporting and performing organization names.

For more information, write to the Smithsonian Science Information Exchange, Room 300, 1830 M Street NW, Washington, DC 20036, or telephone (202) 381-4211. ●

### Typical Research Information Package Costs

- AJ08 Nutrition in relation to arteriosclerosis \$45
- AJ19 Lipid metabolism in the lung \$45
- AU01 Vitamin A in foods and human nutrition \$45
- AU04 Vitamin E in foods and human nutrition \$45  
(NOTE: Contains material in AY06.)
- AY06 Role of Vitamin E in development and function of the reproductive system \$35
- EI11 New dairy products: Imitation milk, filled milk, and others \$45
- EI14 Vitamin E in animal and human nutrition \$55  
(NOTE: Contains material in AU04, AY06.)
- EI20 Low calorie and low fat foods, artificial sweeteners \$45
- EI37 Processing of cheeses such as cottage cheese and others \$45
- EI42 Soybean processing and soybean-derived foods \$55
- EI46 Nuts and nut products \$45
- EI49 Processing, storage, and packaging of dairy products \$65  
(NOTE: Contains material in EI37.)
- EK18 *In vivo* fat determination in livestock \$45
- ES08 Oilseed crops other than soybean: Sunflower, safflower, tung, castor bean, flax, and others \$45
- ES11 Corn breeding and genetics: Origin, evolution, cytogenetics, physiological genetics, morphological genetics; irradiation; protein and amino acid composition; quality; adaptation; resistance to disease, insects, lodging, nematodes \$55
- ES14 Soybean breeding and genetics: Origin, evolution, cytogenetics, physiological genetics; irradiation; protein and amino acid composition; quality; adaptation; resistance to disease, insects, lodging, nematodes \$55
- ES15 Cotton breeding and genetics: Origin, evolution, cytogenetics, physiological genetics, morphological genetics; irradiation; protein and amino acid composition; quality; adaptation; resistance to disease, insects, lodging, nematodes \$55
- HH01 Paints and primers \$45
- HQ01 Lubricants: Solid, liquid, and gas phase lubricants \$55  
(NOTE: Contains material in HQ02.)
- HQ02 Greases and liquid lubricants \$45

Production of animal, vegetable and marine fatty acids totaled 71.6 million pounds for February, up 8.5 million pounds from January. Inclusion of tall oil types raised total February production to 100.5 million pounds, approximately 11 million pounds over the January total. Disposition of fatty acids other than tall oil types amounted to 81.9 million pounds in February, up 11 million pounds from January. ●

FEBRUARY 1977

## Tall Oil Fatty Acids & Statistics

	2% & OVER ROSIN CONTENT		LESS THAN 2% ROSIN CONTENT	
	FEBRUARY	Percent change from JANUARY, 1977	FEBRUARY	Percent change from JANUARY, 1977
Stock on Hand February 1, 1977	8,917	+ 7.2	5,928	+ 13.8
Production	14,941	+ 14.2	13,923	+ 3.6
Purchases & Receipts	0		0	
Disposition				
Domestic	11,370	- 5.5	10,208	- 2.1
Export	2,414	+ 429.4	1,457	- 15.0
Total Disposition	13,784	+ 10.4	12,265	- 3.5
Net Disposition*	13,784	+ 10.4	12,265	- 3.5
Total Stock February 28, 1977	10,074	+ 13.0	7,985	+ 28.0

\*Net - Less purchases & receipts.

Definition: Fatty acids fractionated from crude tall oil having a minimum of 90% fatty acids, not including rosin acids. Primary fractions containing less than 90% fatty acids are classified as distilled tall oils.

## Acids in thousand pounds

Month	Issued	NUMBER OF MANUFACTURERS REPORTING	FINISHED GOODS INVENTORIES (F)	PRODUCTION (A)	RECEIPTS (B)	DISPOSITION			TOTAL DISPOSITION	FINISHED GOODS INVENTORIES (F)
						Capric Concentration (C)	Domestic Shipments (D)	Shipments for Export (E)		
Feb. 1977	April 13, 1977	15	ON 1/31/77							ON 2/28/77

## Saturated

SP - Single Pressed; DP - Double Pressed; TP - Triple Pressed

FRACTION	Description	10/31	8/614	1,475	3,676	DISPOSITION			TOTAL DISPOSITION	FINISHED GOODS INVENTORIES (F)
						SP	DP	TP		
HYDROGENATED ANIMAL & VEGETABLE ACIDS	STEARIC ACID (40-50% Stearic Content) (1)	10,371	8,614	1,475	3,676	1,174	76	12,562	7,878	
	80 C maximum liter & minimum I.V. 5 (2a)	6,039	7,857	35	-	8,283	4	8,267	5,664	
	57 C minimum liter & maximum I.V. under 6 (2b)	4,132	8,454	1,921	4,260	7,376	7	11,638	2,889	
	Minimum Stearic Content of 70% (2c)	2,174	2,399	136	690	1,500	-	2,260	2,399	
HIGH-PALMITIC (Over 60% palmitic I.V. maximum 12) (3)		1,001	818	132	135	563	-	698	1,253	
	HYDROGENATED FISH & MARINE ANIMAL fatty acids (4)	494	765	-	13	538	-	561	708	
LAURIC-TYPE ACIDS (I.V. minimum 5-Sapon val. minimum 245 - including coconut, palm kernel, babassu) (5)		4,118	6,331	275	1,539	5,090	-	6,669	4,135	
	C <sub>12</sub> or lower, including capric (6a)	1,167	2,254	11	117	1,929	24	2,070	1,362	
FRACTION FATTY ACIDS	Lauric and/or myristic content of 65% or more (6b)	3,531	2,497	159	756	1,089	12	1,857	4,330	
	TOTAL SATURATED FATTY ACIDS	33,027	39,949	4,144	11,118	35,238	118	46,532	30,688	

## Unsaturated

ND - Not distilled; SD - Single distilled; MD - Multiple distilled

FRACTION	Description	10/31	10,648	275	3,881	DISPOSITION			TOTAL DISPOSITION	FINISHED GOODS INVENTORIES (F)
						ND	SD	MD		
OLEIC ACID (rad oil) (7)		12,728	10,648	275	3,881	4,569	1,335	12,532	11,119	
	ANIMAL FATTY ACIDS other than oleic (I.V. 36 to 80) (8)	3,359	13,508	2,265	7,162	8,233	140	16,535	3,967	
VEGETABLE OR MARINE FATTY ACIDS (I.V. maximum 115) (9)		257	787	-	859	56	-	915	129	
	UNSATURATED FATTY ACIDS (I.V. 116 to 130) (10)	2,541	4,621	218	494	3,880	273	4,337	3,043	
FRACTION FATTY ACIDS	UNSATURATED FATTY ACIDS (I.V. over 120) (11)	1,662	2,098	-	248	1,773	-	2,021	1,839	
	TOTAL UNSATURATED FATTY ACIDS	20,447	31,862	2,758	12,734	21,058	1,548	35,340	19,527	
TOTAL ALL FATTY ACIDS SATURATED & UNSATURATED		53,474	71,811	6,902	23,810	56,296	1,666	81,872	50,115	

Send articles to:

Editor of News  
American Oil Chemists' Society  
508 South Sixth Street  
Champaign, Illinois 61820

