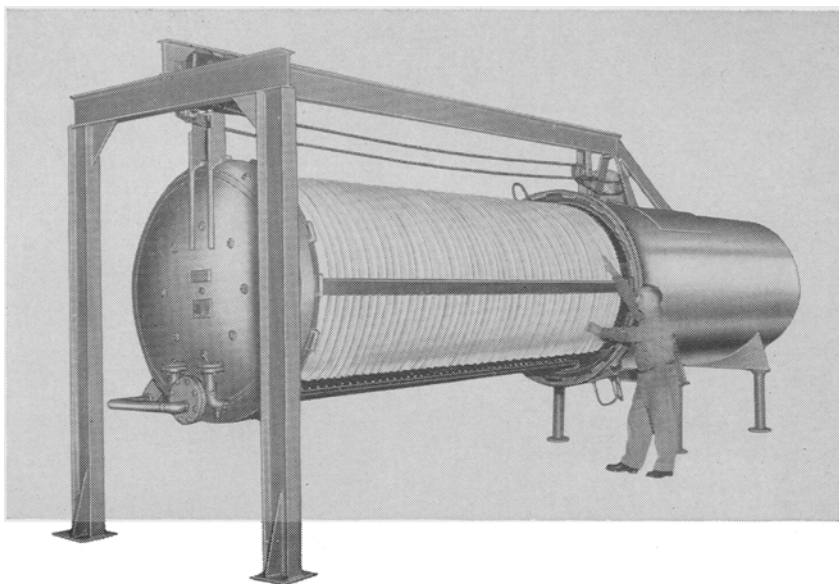


For processing  
winterized oils

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**SAVE ON INSTALLATION COSTS:** The fully jacketed design of NIAGARA filters eliminates the need for refrigerated rooms. **SAVE LABOR COSTS:** Design utilizes a simple system of push buttons and valves that enable one man to operate an entire bank of NIAGARA filters. **SAVE FILTER MEDIA:** Leaf design permits easy cake removal with no scraping. This lengthens cloth life.

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## NIAGARA FILTERS

A DIVISION OF AMETEK, INC.  
EAST MOLINE, ILLINOIS

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## Paint Technology Announces Annual Award Competition

An annual award will be made for technical papers submitted by persons engaged in the manufacture and handling of paints and printing inks, and the raw materials used in these industries, according to an announcement from J. Q. Radcliffe, Editor, *Paint Technology*. Two prizes of £50 will be awarded for top honors; a number of £5.50 each will go to highly commended papers.

Competition is open to all persons in these industries, whose 30th birthday was *not* before Jan. 1, 1964, and may also encompass papers presented to learned societies during 1964. Awards will be made in December 1964; closing date for submission of papers is Nov. 23, 1964.

For further information, contact J. Q. Radcliffe, Ed., *Paint Technology*, Ludgate Circus, London, E.C.4, England.

## NRA Reports on Status of Japanese Activities

A report in the January issue of the *Journal*, issued by D. A. Specht, Executive Director of the National Renderers Assoc., summed up the group's plan to develop the large potential Japanese market for products of the American rendering industry.

Following visits to Japan by Mr. Specht and John Haugh, president of NRA, provisions have now been made for the opening of an NRA office in this country, with James Iso (American-born Japanese) serving as NRA representative in Japan and other countries of the Far East. Since production of the Japanese feed industry is expected to double within the next few years, promoting the use of fat in feeds is one of the primary objectives in this market.

A contract has been signed with the Japan Scientific Feeds Assoc., calling for a program of extensive research, including feeding tests and laboratory research in 19 gov-

ernmental and industry farms and laboratories. The Japanese Feed Manufacturers Assoc. has also made a proposal to cooperate in similar feeding trials; and Zenkoren, the Japanese cooperative which produces about 30% of the country's manufactured feed, is interested in experimenting with the use of tallow.

A marketing plan is currently being formulated to insure the greatest possible development of the Japanese market, probably our best potential customer over the next few years for animal and poultry by-products.

## Castor Oil Report

Total imports of Castor Oil during the twelve months of 1963 amounted to 97,880,000 lb compared with 103,457,000 lb in 1962 and 118,296,000 lb in 1961.

During 1963 the U. S. Government put at the disposal of the trade 20,400,000 lb of Oil as against 14,000,000 lb the year before.

Imports of Castor Oil by countries of origin (in 1,000 lb) :

	1963	1962
Brazil	88,760	87,333
Japan	7,324	5,870
W. Germany	661	6,127
W. Africa	1,096	864
Yugoslavia	.....	2,554
India	.....	467
Paraguay	.....	242

Imports of Castor beans in 1963 were small at around 2,500 short tons as against 9,100 tons the year before.

Consumption of Castor Oil is reported at 114,600,000 lb for the first eleven months of 1963 compared with 109,600,000 lb for the same period the year before.

Commercial stocks at the end of November 1963 were ca. 10% lower than the year before.

The U. S. domestic crop of Castor beans for 1963 is estimated at 30 to 35,000 short tons, about twice as large as last year's.