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# CHEMICAL & ENGINEERING

# NEWS

VOLUME 42  
NUMBER 23

## The Chemical

CONCENTRATES 19 Industry & Business  
21 Washington  
41 Research & Technology

**23 Evidence does not substantiate charges against pesticides used on farms as causing Mississippi fish kills, says Agriculture Department. And some new research findings weaken arguments of pesticide alarmists.**

**24 El Paso Natural Gas has bought a phosphate plant from Central Farmers Fertilizer Co. El Paso will take over the Idaho plant at "an early date" and build new facilities to make phosphate and ammonium phosphate fertilizers.**

**27 Britain will get more nylon 66 capacity. Imperial Chemical Industries will construct its fourth nylon 66 plant. When it goes into operation in 1966, ICI will have capacity of about 170,000 tons a year.**

MARKETS **31 Interest builds up in synthetic fatty alcohols as a result of the search for softer detergents. New methods of synthesizing these alcohols may have effects that go beyond detergent markets and into plasticizer markets.**

MARKETING **34 Polypropylene marketing agreements are changing. Some of the joint selling contracts set up by companies a few years ago have been dropped, others are being reviewed. The market outlook remains bright.**

**35 Auerbach Corp. has reorganized into three divisions. The Philadelphia, Pa., company, working in information systems design and consulting, is seeking to play a greater role in chemical information systems.**

RESEARCH **42 Tetrodotoxin (identical with tarichatoxin) has the zwitterion form of a hemilactal structure. The toxin, one of the most potent nonprotein neurotoxins known, is found in California Newts and Japanese pufferfish.**

**43 Sex-linked differences in the metabolism of N-hydroxy-N-2-fluorenylacetamide occur in rats. The compound is an active metabolite of N-2-fluorenylacetamide, a carcinogen, and crucial to the latter's carcinogenicity.**

Newsmagazine  
of the  
Chemical World

# World This Week

JUNE 8, 1964

**EDUCATION 46** The University of Pittsburgh's new graduate school of library and information sciences will develop and use knowledge availability systems. This is part of Pitt's plan to help scientists keep abreast of their fields.

**TECHNOLOGY 55** Superconducting magnet with large, uniform field could find biggest application in nuclear magnetic resonance. The magnet, developed by Varian Associates, operates at a flux density of 47 kilogauss.

**58** Public Health Service plans an accelerated surveillance program in the Mississippi Basin area as a result of the findings that point to endrin as the cause of fish kills in the lower Mississippi River.

**LITERATURE 68** C&EN is now using Teletypesetter equipment to transmit the bulk of the major news departments from editorial headquarters in Washington, D.C., to Mack Printing Co. in Easton, Pa., where type is then set automatically.

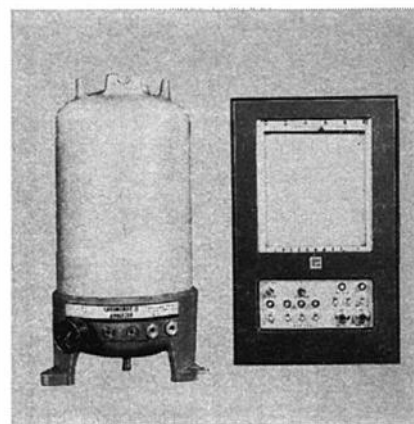
**ASSOCIATIONS 72** Preliminary program for the 148th National ACS Meeting, to be held in Chicago, Ill., Aug. 30 to Sept. 4, includes general information and specific dates thus far arranged. Also contains advance registration coupon.

**PEOPLE 84** Arthur E. Juve of B. F. Goodrich Co. receives the 1964 Goodyear Medal of the ACS Division of Rubber Chemistry.

**86** Dr. Arthur Kornberg of Stanford University, as Priestley Lecturer, speaks at Penn State on Biosynthesis of DNA.

**DEPARTMENTS 36** C&EN CHARTS  
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