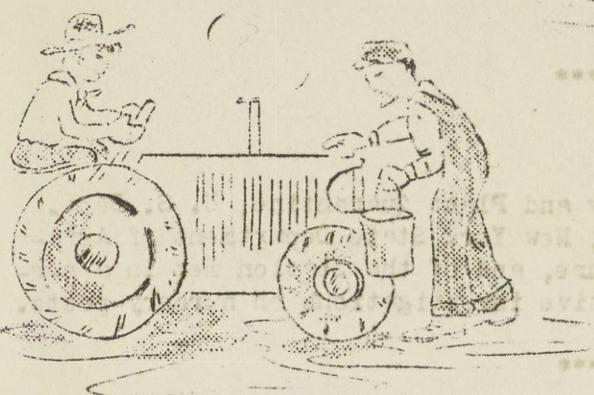


Station News

"BAD NEWS FOR BUGS"

Under the above caption, the April issue of Industrial and Engineering Chemistry carries an editorial statement on work underway here with the so-called quaternary ammonium compounds by Doctor Hucker and his associates. "In the food industry", states the editorial, "sterilization of equipment is a highly essential function. A recent development is the introduction of quaternary ammonium compounds as cationic germicides, and experimental work indicates that an important job is marked out for those in the processing and canning of food-



stuffs. Thus far this industry has kept its manufacturing equipment free of bacteria with the use of steam, hot water, and chlorine, but there is now a possibility that industrial sterilization is entering a new phase. At the New York State Agricultural Experiment Station chemists and bacteriologists are investigating quaternary ammonium compounds for sterilization in the food industry since they are odorless, they enter readily into solution, and their use does not involve corrosive action. On the other hand, they vary considerably in specific action according to types; yet the least efficient in the group provided a bacterial kill of 90 to 95%....G. J. Hucker of the Experiment Station finds that they are highly specific against spore formers as well as against the organisms normally encountered in food processing and other industries." A report on these compounds made by Doctor Hucker at the meeting of the Institute of Food Technologists in Buffalo recently inspired the commentator in Industrial and Engineering Chemistry.

PLOWING TESTS

The plowing tests on the Canning Crops Farm which were to have been made a few weeks back but had to be postponed, were completed yesterday. The test, made in cooperation with the Department of Agronomy at Ithaca with Doctor Russell, provides a comparison of the standard plow with the new "TNT" double bottom plow, the rototiller, and the heavy disc plow. Strips of land prepared by the different plows were planted to beets, beans, carrots, sweet corn, and peas to study the effects of the various methods of soil management upon crop production.

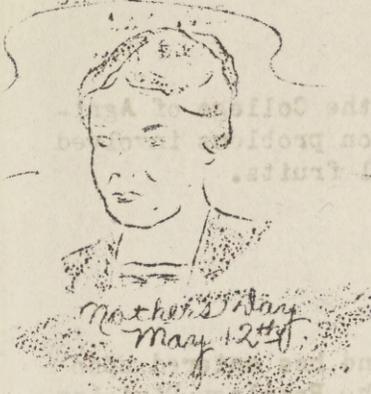
NOW AVAILABLE

A new publication, Bulletin No. 715, entitled "Japanese Beetle Abundance and Injury on Sweet Corn", by L. A. Carruth, L. M. Bartlett, and J. A. Adams, is now available in the Bulletin Room.

BACK IN SCHOOL

Bobby Traphagen went back to school last Monday for the first time since his coasting accident just 14 weeks ago to the day.

STATION NEWS



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Geneva, N. Y.

STAFF MEETING

The regular monthly Staff meeting is scheduled for next Monday, May 13th, when the results of the balloting for members of the standing committees will be announced and other business transacted.

GOIN' FISHING

Professor Walter O. Gloyer has filed application for retirement, effective June 1st, following 34 years with the Station in the investigation of diseases of fruits and vegetables. Professor Gloyer was born in Milwaukee and received the A. B. and A. M. degrees from the University of Wisconsin. In 1910, he became Assistant Botanist at the Ohio Experiment Station at Wooster and joined the Staff of this Station in 1912. He is a member of the AAAS, the American Phytopathological Society, and the Wisconsin Academy of Science. He is the author of numerous bulletins and scientific papers on apple cankers and apple scab, and on diseases of asters, cabbage, and beans, as well as on studies of the hardshell character of seeds. Walter's immediate plans call for continued residence in Geneva, with some travel and especially some fishing trips in the near future. Anyone who will bring the sandwiches, and row the boat will be welcome to go along on the fishing expeditions, he says. Good luck, good health, and good fishing, Walter!

DR. DEY TO SPEAK

Doctor Dey will address the University Club of Geneva on the organization and purpose of the New York State School of Industrial and Labor Relations next Monday evening at the Hotel Seneca.

PRIVATE BINDING

Miss Jennings is prepared to handle orders for private binding at the time that material for the Station Library goes to the bindery next week.

GARDEN CLUBS

Representatives from Rochester garden clubs are visiting the Station today under the auspices of the Garden Center of that city.
