BACTERIOLOGISTS STUDY PASTEURIZATION METHODS

Class Visits Plant Of C. Brigham Company And Takes Samples.

Yesterday afternoon Prof. Prescott took his class in Dairy Bacteriology to study the process of milk pasteurization as it is carried on by the C. Brigham Company of Cambridge. Mr. Blair, the manager of the plant, kindly escorted the class over the premises and explained the various operations which the milk undergoes as it travels from the car in which it is brought from the farms to the bottles and cans in which it is delivered to the customer.

The chief object of the excursion was to have the students ascertain just what happens to the milk during the process of pasteurization, and the bacteriological condition of the milk at the different stages of the operation. For this purpose, seven samples of the milk were taken at each of the following places: the mixing tank; the clarifier; the primary heating pipe; the boiler; and the supply tanks from which the bottles are filled. These samples were plated out yesterday evening, and in a few days the class will have a fairly accurate idea of the germicidal effect of each operation in the process, as well as of the number and nature of such bacteria as survive and find their way into the cans and bottles.

The above refers only to the milk that is pasteurized previous to bottling. The class examined also the apparatus which sterilizes milk in the bottling. This process is much slower and much more expensive, and at the present time the Company uses the method of pasteurization only for cream and a limited amount of milk. All bottles so treated may be recognized by their metal caps, as well as by the extra metal in the price. No samples were taken of this milk yesterday, but doubtless the efficiency of the method will later be studied by the class in Dairy Bacteriology.

INST. COMM. MEETING

(Continued from page 1.)

The Committee. Their report was voted down after some discussion, as the main desire of the club seemed to be to get the privilege of awarding insignia to their members. It was voted however, that the Athletic Association be recommended to recognize this organization.

The following men were elected to serve as the Walker Memorial Committee: Fox '14, Taylor '14, Snow '14, Goodell '15, Westling '15, and Sabbin '15. All these men are requested to be present at the first meeting of this week at 5 o'clock in the Union.

The following motions were also passed: that a committee be appointed from among the cadet officers to more thoroughly organize the officers of the cadet regiment, said committee to be responsible to the Institute Committee and under the control of the Finance Committee; that the Executive Committee propose amendments to the by-laws so as to more clearly define the relations of the Institute Committee to all other organizations; and that the Union Committee be instructed to attend to the placing of a plate on the lantern in the Union.

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