



St. Croix Avis.

75TH YEAR.

CHRISTIANSTED, V. I. U. S. A., THURSDAY, 2ND OCTOBER 1919.

No. 226.

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Contribution to this paper will be gladly received when the same deals with matters of general interest, and is accompanied with the author's name, as a guarantee of good faith. The editor cannot be responsible for the views of his correspondents nor does he necessarily endorse them.

WATER SOFTENING IMPORTANT IN SUGAR FACTORIES.

In sugar manufacture, now a much-studied art, the water supply has always been considered a factor of great importance. As the sugar industry advances in its methods of manufacture the quantity of the water used increases in importance. It is true that the great sugar refineries use sea water largely through their barometric condensers, but even then they lose some heat that has cost some money to produce and saving it or some part of it is still the study of our sugar engineers.

Pure water is wanted and can be secured as is shown in the great water supply plant of the City of New Orleans, perhaps the most successful venture of the kind. Our interest lies in the water supply of the modern sugar factory where the quality of the water from the time it enters the steam-producing boilers to the discharge of the water of condensation into the hot well is a matter of prime importance.

Boiler scale from hard water reduces boiler efficiency to a degree not even yet appreciated, and all through sugar factory practice the evaporation of water becomes the most conspicuous feature. Copper pipes are chosen because of their quick transmission of heat, but, if coated they are practically insulated and for heating or evaporating purposes their efficiency is seriously impaired.

These data are commonplace to every engineer, but the getting of pure, soft water suitable for all purposes has been found a difficult problem. The sulphur in some form in our waters becomes the destructive agent and chemical as well

as mechanical control of the water supply has become imperative and nowhere is this need greater than in the sugar industry.

As will be seen in our advertising columns, the Newell Manufacturing Company, 517 Singer Building, New York, is now offering the Booth Water Softener, the use of which insures soft, pure water for all purposes, no matter how hard, muddy, acid or sulphurous the water may be. The apparatus, as now applied, remedies all the troubles with bad water hitherto regarded as insuperable. A request by anyone interested, made to the Newell Manufacturing Company, 517 Singer Building, New York, for descriptive data will receive immediate attention. —Louisiana Planter.

THE JAPANESE SUGAR INDUSTRY.

The Japanese seem to be determined to make the sugar industry an important factor in their commerce. Their acquisition of the Island of Formosa has opened the way for a very large development of the cane sugar industry, and in Japan proper more or less was done in the production of cane sugar, and some of the hardiest varieties now in use are attributed in their origin to Japan. During Japan's last fiscal year ending June 30th, 1919, there was a material diminution in its sugar production and the Formosa crop fell off to less than 300,000 long tons or about 130,000 tons less than the previous year.

This falling off in quantity, with the high prices prevailing for fertilizers, freight rates and general expenditures, has had rather a depressing effect upon the business. The fact that the Java sugar planters lowered their prices in order to move their crops was also felt severely by the Japanese. Since the Java prices have been advanced to more nearly a comparable level with other countries, Japan sugar has also risen in value about one and one-half cent per pound American currency. It is thought that this year the Formosa crop will reach 85 to 90 per cent of the normal crop of 1917 and 1918. About one-half this production will be exported outside of the Japanese Empire.

The net profits of the ten leading Japanese sugar companies for the past fiscal year are reported as amounting to nearly twelve millions of dollars. This statement comes through the United States consul from Yokohama and scarcely coincides with the short crop data of last year hereinabove given. —Idid.

Federal authorities seized 27,500 pounds of sugar at Jacksonville, Florida, the other day. This supply had been stored up when there was a dire sugar shortage in the town. —Ibid.

THE collectors and their selected assistants together with the members of the Church Council are asked to meet in the office at the parsonage, Thursday evening, October 2nd at 8 o'clock.

G. W. CRITCHLOW.
Pastor.

LIST OF UNCLAIMED MAIL FOR THE WEEK ENDING SEPT. 27, 1919.

Norman Cornelius,
Miss Elita Christopher,
Mrs. Jessie Charles,
Miss Mabel Conton, c o Henry Conton,
Mr. James Eness,
Mrs. Faye,
Miss Ferrienses Fervender,
Mr. David James,
Mrs. Sufie Jackson, Water Gut,
Samuel Matthew, Concordia, c o Mr. H. Mackay,

Mrs. Eliza McBean,
Christopher Nichols, Hill Street,
Mr. Prince,
Mr. Frank Phillipus,
Miss Maria Roberts,
Miss Louisa Stevons, Kings Street,
Miss Christina Smith, Strand Street,
S. Wees.

United States Post Office, Christiansted, St. Croix, V.I.U.S., Sept. 29, 1919.

B. R. LARSEN.
Postmaster.

Stop And Read!

WE OFFER:

Greenfield's Assorted Chocolates 55c. pr. lb., Runkels Chocolates 15c. per cake, Mixel Candies 40c. pr. lb., Fancy Biscuits, Fig Bar and Lemon Jumbles 25c. per pack, Crisp Crackers and Uneeda Biscuits 14c. pr. pack, Sunshine and Ginger Snaps 15c. per pack, Cream Lunch Biscuits 35c. per lb., Grape Nuts, Corn Flakes, Puffed Rice, Instant Postum, Tetley's and Morton's Tea in packs at 7, 10, 13 & 20c. per pk., Peanut Butter 15c. pr. bot, Cream of Wheat 30c. per pk., Large Tins Sardines in Tomato Sauce 25c. per tin, Beets in Tins, Macaroni and Vermicelli 25c. pr. pack.

PRUNES and RAISINS.

AT THE
DANISH AMERICAN GROCERY.