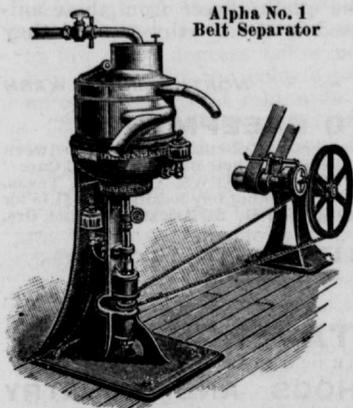


DE LAVAL "ALPHA" CREAM SEPARATORS



Alpha No. 1
Belt Separator

CREAMERY AND DAIRY MACHINERY AND SUPPLIES

What the 1897 Wisconsin State Experiments Show:

That many "Alpha De Laval" machines in every-day use are skimming as wonderfully close as .03; that the average is from .05 to .065; and that but one machine out of those personally tested by Prof. Farrington was leaving more than .1.

That the "Reid-Danish" machines are leaving an average of **three times** as much fat in the skim milk as the "Alpha De Laval."

That the "U. S." machines are leaving an average of **three times** as much fat in the skim milk as the "Alpha De Laval."

That the "Alexandra-Jumbo" machines are leaving an average of **four times** as much fat in the skim milk as the "Alpha De Laval."

That the "Sharples Imperial Russian" machines are leaving an average of **five times** as much fat in the skim milk as the "Alpha De Laval."

That the "Sharples Standard Russian" machines are leaving an average of **eight times** as much fat in the skim milk as the "Alpha De Laval."

COLUMBIA IMPLEMENT CO.

P. O. Drawer 26.

Portland, Ore.

HOP CLOTH, SULPHUR, KILN CLOTH, HOP BAGS AND HOP SUPPLIES OF ALL KINDS.

Contract them and be sure to have them when you need them.
Also just received **100,000 Grain Bags**, guaranteed to be new and first-class in every particular, at six cents each.

COFFIN BROTHERS North Yakima, Wash.

HOPS.

NOTES.

At Kent the crop is heavy and if not damaged by continuous rain will be extra choice.

At Puyallup the rain is doing much damage. W. A. Spencer has only picked about 17 boxes of hops where he had expected to pick nearly 100. He did not spray early enough and the recent damp weather has caused them to mould.

At Yakima the past week has been full of interest and excitement to everybody who is connected in any way with the hop industry. The buyers have been "making hay" as rapidly as possible by contracting hops first at 9 and later on at 10 cents. They remain very firm at this figure and the majority of growers who did not contract early in the season are holding off for still better prices, and are very strong in their belief that better prices are bound to come.—Herald.

It was found that the 75 cent rate agreed upon by the Yakima Hop Growers' Association was not sufficient to induce outside pickers to come into that valley, so last week the price was raised to a dollar a box. This increase is causing pickers to flock in from all over the state.

S. Schreiner has just completed a fine new hop house 26x26 feet. Mr. Schreiner has made a success of the hop business even during the period of its greatest depression.—Yakima Herald.

Hop market in New York unchanged. Quotations there for Pacific Coast, 1896, choice, 10c; good to prime, 7½ to 8½c; common to fair, 5 to 7c; State and Pacific Coast, 1895, 3 to 4c, and old olds, 2 to 4c.

H. Klober, Balfour, Guthrie & Co.'s hop representative, stated to a reporter of RANCHE AND RANGE Monday that he had bought so far for his firm 1500 bales of hops in Yakima Valley. Mr. Klober is fearful that if the rains and cloudy, cool weather continue the hop crop of Western Washington will be badly damaged. Already the output has been lessened 10 per cent by lice and mould. He estimates that the raise in price of picking from 75 cents to \$1 per box will cost the growers of Yakima Valley at least \$25,000 additional. While this is hard on the growers it makes money fly among the laborers.

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...OF THE FAMOUS...

MAJESTIC

RANGES

HAS BEEN RECEIVED BY

John Sawbridge

DEALER IN

HARDWARE and all kinds of FARM MACHINERY

Agency for WHEELER & WILSON
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Hop Supplies and Grain Bags

We are headquarters for all kinds of farmers' supplies.

Standard Calcutta Hop Cloth,

24-inch, 44-oz., 8c per yard

Standard Calcutta Grain Bags,

6 1-4c each delivered at North Yakima or Ellensburg.

Hopper Cloth, Kiln Cloth, Hop Sacks, Sulphur, Spraying Material, Groceries and general supplies, our specialty. Write for further terms and prices.

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