

instead the clean cold cash of the progressive farmer. Much of this improvement is due to the establishment of large centralized creameries which by concentration of the work of butter-making under ideal conditions in proximity to large centers of trade, have increased the profits of the dairyman and given a stimulus to the industry.

These reflections come to us from a recent visit to the National Creamery Company's plant at Winnipeg. Every modern convenience that can be secured is there for the handling of the product of the dairy farms of Manitoba. Particularly would we mention the conditions for absolute control of temperature. The method employed is the Linde British Refrigeration System.

This makes use of a circulation of chilled air to the rooms to be cooled, instead of equipping them with brine coils or direct expansion coils. The cooling of the air prior to its delivery to the rooms is accomplished by passing it over ammonia coils, which are continuously subjected to a rain of calcium chloride brine to prevent them from becoming encrusted in snow or ice, the insulating effect of which would produce a reduction of efficiency. This cooling by air possesses the advantage of combining ventilation with refrigeration. Inasmuch as this air is used repeatedly it is evident that this would be no gain unless a provision were made for purifying the air in the course of its circulation. In this system the purification of the air is effected by the washing process which it undergoes in passing through the spray of brine that descends over the ammonia coils, while the resulting contamination of the brine is removed by frequently sterilizing it by boiling.

This brief description gives some idea of the process of securing perfect ventilation and exact control of temperatures in the creamery.

Just a word about the success of the company. Last year was one of the best in its history. They paid 22c. per pound for butter-fat. The present head of the butter-making department has a large number of prizes to his credit, insuring to the patrons of the creamery a manufactured product that will command the highest price on the market. Mr. McCall, general manager of the creamery and cold storage business, is one of Winnipeg's well-known business men, and the company has a standing for promptness and business energy that would be hard to surpass.

Communications addressed to the company mentioning this paper will receive careful attention. Address National Creamery and Produce Co., Ltd., Winnipeg, Manitoba.

THE ENERGETIC AND PROGRESSIVE TWENTY THOUSAND CLUB of Nelson, B. C. has forwarded us a copy of their booklet entitled "Glorious Kootenay." It contains maps and illustrations of the Southern B. C. fruit land country which has received so much attention during the past few years. This is indeed the ideal land for the huntsman, the sportsman or the tourist. Strange it is that it has not received more attention from the latter class. Sunny summer weather, mountain scenery as grand as nature ever made, limpid streams as clear as crystal, affording excellent opportunity for the disciple of Isaac Walton, and an abundance of large game in the more remote sections, should provide sufficient attractions for those seeking an ideal place to spend the holiday season.

But it is particularly of the fruit land country our readers are anxious to learn. The name of Kootenay has now been heard so far and wide that the world has come to realize the importance of this district from a horticultural standpoint. The increased demand from the prairie provinces affords an unlimited market. Land prices range from \$30.00 to \$150.00 per acre. Twenty acres of land makes a good fruit farm, one that will afford large profit to the investor. Vegetables of all kinds; such as tomatoes, melons, etc., grow in magnificent profusion. Taken all together it is a land flowing with milk and honey. Our friends who are interested may secure further particulars by writing the Secretary, Twenty Thousand Club, Nelson, B. C. and mentioning the FARMER'S ADVOCATE.



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