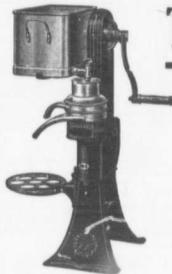


The Big Trio of PROFIT-MAKERS

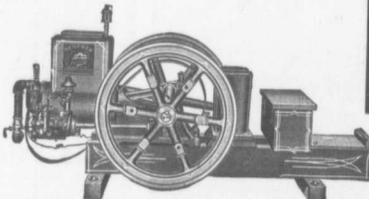


You must have the close-skimming **STANDARD CREAM SEPARATOR** if you are to get the largest cream profits from your cows. The Standard skims, on the average, down to .01 per cent. The cream is of highest class because skimmed in an absolutely sanitary bowl. All gears and bearings run in a bath of oil. Machine requires oiling but once every three months. Low supply can. High crank shaft for easy turning. Made of the very best materials in large modern factory. Very latest in design. Write for Separator Booklet containing complete description and particulars of Government School tests.

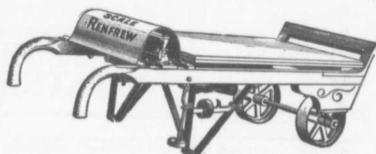
More and more is the **RENFREW STANDARD GASOLINE ENGINE** taking the place of the hired man. Some farmers tell us that they could scarcely get along now without their Renfrew Standard. This is the engine

that aroused so much admiration and enthusiasm at Toronto Exhibition and other Fairs. It starts without cranking in all kinds of weather. Has governor of fly ball steam engine type. So perfectly balanced it doesn't need to be anchored down. And many other improvements told about in our engine booklet. Write for a copy. All styles and sizes from 2½ to 60 h.p.

A greater necessity than almost anything else on the farm is a good scale. How can a farmer make sure of getting all that his



cattle, hogs, sheep are worth unless he weighs them? **THE RENFREW HANDY TWO-WHEEL TRUCK SCALE** has paid for itself on many farms in less than three months. A truck and a scale combined. Designed especially for farm use. Strong, compact, durable, yet light-weight. Tested by government for accuracy. Write for scale booklet. It will open your eyes.



The Renfrew Machinery Co., Ltd., Head Office and Works, Renfrew, Ont.

Sales Branches at SUSSEX, N.B.; SASKATOON, Sask.; and CALGARY, Alta. Agencies almost everywhere in Canada

Soiling Crops for Alberta

W. J. Tregillus, Calgary Dist., Alta.

We are growing alfalfa as a soiling crop for dairy cows. We grow also winter rye for early green feed. Rye gives us a very early cut. We sow at the end of July or early August, then graze it down until the end of September or October. It grows first the following spring. We can get a cut in May for our young bulls and any stock we want to soil.

We sow as early as we can a patch of oats and peas. To follow this we have grown patches of corn; also rape. We tried wheat for early green cut, but rye comes earlier and will grow with less moisture, and for those reasons is more suitable.

A Letter from a Pioneer

There are men who would prefer to be their own boss on land they can call their own, than to hold down the best job the city affords. Such a one is W. D. Albright, for several years editor of *The Farmers Advocate*. Last fall Mr. Albright resigned his position on the *Advocate* and started out for the Peace River District of Alberta. Since then he has been pioneering. Recently Farm and Dairy received a letter from Mr. Albright, part of which will be of interest to Our Folks.

"I became so engrossed with pioneering work last fall," writes Mr. Albright, "that I put off nearly all letter-writing in anticipation of the rough weather to come. The fine weather continued, however, until the latter part of January, and ever since then there has been no storm element in severity to many that I have experienced in the East. During the last two weeks, however, an unprecedented amount of snow has fallen, and the white mantle is now nearly two feet deep. Up till the latter part of January there has been just about enough snow for sleighing.

"Grande Prairie, where we are living, is about as we expected to find it, only a little more rolling. The soil is good black loam, with a somewhat heavy subsoil. The first considerable body of settlers reached here in 1900, travelling by ox team 550 miles from Edmonton. This past autumn and early winter five threshing outfits turned out 375,000 bushels of grain, most of it of excellent quality. Oats averaged about 60 bushels an acre, though yields of 70 and over were common, and one acre threshed 125 bushels.

"In this tremendous extent of country whose watercourses drain through the Mackenzie to the Arctic, is an astonishing wealth of resources. Besides vast areas of good land we have coal, oil, gas, asphaltum and other minerals of great economic importance. We have lumber of merchantable quality and considerable quantity. We have Niagara's Hydro-Electric possibilities and, with all, great reaches of navigable channels. We have fish and fur, and will eventually have export outlets to the Pacific markets. We have a climate which people from the lower prairies consider much superior in pleasantness to that of Saskatchewan. Thus we leave the makings of a self-contained province with mixed farming as its sheet anchor. Railroads are being pushed energetically into the Peace River and Athabasca country, and the forthcoming era of development will be kaleidoscopic.

"But what is the use of talking! You must see the country to understand."

An udder full of milk is a load for any cow. The farm dog does not appreciate this.

From the
difficult
cows, for
of litter
& comp

TWEED DAIRY APPLIANCES

Fig. 2 Your greatest profit lies in keeping pace with the times

STEEL has supplanted wood. It is more sanitary, easier to clean, practically acid proof, and a hundred times as durable. We feature four lines for the up-to-date cheese factory.

The "TWEED" Steel Cheese Vat, Fig. 1—Of heavy galvanized steel, perfectly riveted and soldered. Our patent draining system insures perfect draining to the last drop. Water and steamproof asbestos lining, a perfect heat holding device. If not as represented when they reach your station, send back at our expense. Sent on approval.

The "LEAL" Milk Aspirator, Fig. 1—Lows away with costly equipment. Run at any speed desired. Works smoothly and efficiently on steam connected from boiler, agitator fitted with engine of its own.

COPPER STEEL WHEY TANK, Fig. 2.—Practically acid proof. Sulphuric acid test plate to do without. Very sanitary and easily cleaned. Each shows ordinary boiler plate dissolves 10 times quicker than the copper steel plate we use. Guaranteed very durable. Price so reasonable no factory can afford to do without. Very sanitary and easily cleaned. Each man gets amount of whey heigher. Fig. 3.—Eliminates disputes. Each man gets amount of whey due him when his milk is passed through our weigher. Practical and can't lie. Adopted by Dominion Government.

We manufacture a very full line of Tanks, Clusters, Lavatory Equipment, Food Cookers, Heaters, Troughs, Vats, Gasoline Pumps, Evaporators, etc.

Write for Tweed Dairy Catalogue and Prices.

THE STEEL TROUGH & MACHINE CO., LTD.
133 JAMES STREET, TWEED, ONT.

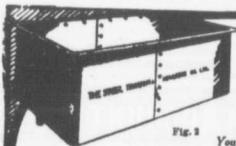


Fig. 1

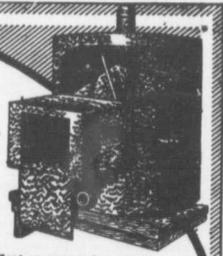


Fig. 3