

SIMPLICITY GIVES SATISFACTION



You do not need to have the knowledge of an expert machinist to handle your cream separator satisfactorily **IF YOU OWN A "SIMPLEX"**. The "Simplex" is constructed on simple lines throughout, and with the fewest possible number of parts. There is no complication of parts to be constantly getting out of order, and which requires an expert to locate and remedy the trouble. Parts which require to be taken out occasionally and cleaned are so constructed that they cannot possibly be put together wrongly. The gearing is as simple as it is possible to make it. There are only two pairs of gears, whereas other makes of machines contain three and even four pairs. Each additional pair of gears means just so much extra friction, which makes the machine turn that much harder. The higher speed at which other machines have to run also greatly increases the power necessary to drive them.

If you want an easy running machine, one which is strong and durable, which does not cause you constant trouble by some of the parts getting out of order, and which at the same time takes all the cream out of the milk and does it quickly too, the machine for you to buy is a "Simplex."

Write for our free illustrated booklet. Just drop us a post card.

D. Derbyshire & Company

Head Office and Works: BROCKVILLE, ONT.

Branches: PETERBOROUGH, ONT. MONTREAL and QUEBEC, P. Q.

WE HAVE AGENTS IN A FEW UNREPRESENTED DISTRICTS

THE "BT" STANCHION IS ALWAYS CHOSEN

When Its Many Advantages Are Known



It is made in five sizes and of heavy "U" Bar. The lock and trip are made of heavy malleable. It can be easily opened with one hand and is the only stanchion that can be opened no matter what pressure the animal is putting against it. It is supplied for use with wood or metal construction. It will pay you to let us tell you about "BT" Steel Stalls and Stanchions and what we can do for you.

Write us today

We also build Litter Carrier and Hay Carrier Goods

BEATTY BROS., FERGUS ONT.



It is desirable to mention the name of this publication when writing to advertisers.

Pork Packing in Alberta

The farmers of Alberta last week were informed by Premier Rutherford and Minister of Agriculture Marshall that the Government would establish a system of pork packing plants as soon as possible, provided the farmers would give a guarantee to provide the necessary animals to keep the plant running. The announcement was made at the Convention of the United Farmers' Association at which upwards of 100 delegates were present. At present the plants in existence in Alberta cannot get enough hogs to keep them running.

Satisfactory Showing for Grades

Editor, Farm and Dairy.—Herewith I beg to hand you report of the herd of Messrs. Halliday Bros. Sandwick, B.C., for the year 1909.

Name of Cow	Pat.	Lbs. Milk
Acy	378.08	8655½
Lop Ear	376.77	7742
Kirsty	387.36	7970½
Lilly	318.39	6598
Bell	296.85	7109½
Flirt	277.89	6655
Skinny	277.37	6211
Sophie	268.07	6000½
John	252.39	6587½
Edna	252.39	6421
Blackie	231.60	6240
Mary	222.94	5433½
Cle	197.89	5465½
Ethel	186.31	5105½
Crazy	179.42	4598

	4065.23	96796
Average	271.01	6453

This is, I consider a most satisfactory showing for a herd of grade dairy cows, and is worth calling to the attention of the farmers of this country. J. H. Grisdale, Agriculturist, C.E.F., Ottawa.

Mining Scrip and Greenhorns

"Here is a yarn, vouched for by a stock broker, concerning the sale of worthless mining scrip to greenhorns in the country districts," says the Toronto Saturday Night.

A man walked into the broker's office one day and asked for the manager. When that magnate appeared he was asked if he had any Cobalt stock.

"What stock?" asked the broker. "Any of them that are cheap," replied the visitor; who went on to explain that what he desired was a lot of certificates, say one hundred thousand shares, averaging in value, say five cents per share, that he could take out into the country and sell over again to the "rabies."

The broker stated that he was just out of that class of securities and the stranger went his way.

Observations from Judging Field Crops

"From my two years experience in judging in Standing Field Crop Competitions, it appears that there seems to be insufficient attention paid to the grading and selection of seed grain," said Mr. B. J. Waters, of Coldstream in addressing a meeting of farmers at the recent Guelph Winter Fair. "Selecting the best seed from the granary for sowing is one step in advance. But selecting the best heads of grain during the time the grain is still standing, is a still greater stride in advance and is a feature which should be practised more than it is.

"The aim should be to select the best seed from only the best heads of grain. Average heads as regards size and general development, from average heads are considered better for seed than large seed chosen from small and inferior heads. If the seed is not chosen until after threshing, how are you to determine which seeds to choose? Hence the importance of

selecting the best heads in the field, from which to obtain the seed.

"A very important phase of successful farming seemed to be lacking in the shape of following systematic rotations. In most cases I found no particular or definite rotation followed. Hoe crops seemed to be the exception rather than the rule. In sections where these conditions were most prevalent, the most luxuriant growth of noxious weeds existed. Without the hoe crop, the weeds get a splendid start.

"Last year in the County of Wellington, in nine different fields competing in the Field Crop Competition there was only one having no sow thistle in it. One of the main difficulties is, that farmers don't recognize this pest until their farms are almost past redemption.

"I would recommend the following rotation: In the spring when sowing the seed grain seed with clover and a little timothy. During the first winter apply some manure. The following summer after removal of the hay, pasture the sheep on it until fall and then plow. The following spring plant corn and roots on this area but don't plow again after the hoe crop has been harvested. Some will ask—

"The answer is simply because by plowing you would bring to the surface, weed-seeds, which had been living in a dormant condition below the first plow.

"After the hoe-crop your surface soil or seed bed is cleaned. Why then, plow and bring to the surface, weed seeds, which will grow and damage the crops. By so doing you would be defeating the very object you had in view the season before—destruction of weeds."—R.B.C.

Cows above the Average

The patrons of the Acme cheese factory, near Trenton, must have an unusually fine cow judging how they judge from the fact that the average amount of milk per cow sent to the factory during the season was 4,030 lbs. The cows of one patron averaged 3,900 lbs.

In view of the fact that the average production per cow for all the factories in eastern Ontario last year, as shown by the annual report of Chief Dairy Inspector, G. G. Publow is considerably less than 3,000 lbs., it will be seen that the cows owned by the patrons of the Acme factory must be above the average in quality.

Items of Interest

The annual meeting of the Canadian Jersey Cattle Club has been postponed to Thursday, Feb. 3rd, at 10 a.m., Board Room of St. Ry. Co., Toronto.—R. Reid, Sec., Berlin, Ont.

The people of this country cannot afford to allow the manufacture of heavy butter, permanently. It is putting a premium on carelessness.—Chief Dairy Inspector, G. G. Publow, Kingston, Ont.

Honorable Marshall, Minister of Agriculture for Alberta assured the United Farmers' Association in annual convention last week that the Government would at once institute an investigation of the charges on railways in the transportation of grain to isolated interior towns, which he characterized as simply outrageous. The Government would take charge of a case submitted to the railway commission demanding redress forthwith. Premier Rutherford asked the farmers to prepare and submit to the Government some practical and acceptable scheme for the use of elevators and when that was done the Government would be prepared to act in giving it effect through legislation.

DON'T PUT OFF
Seeing your friends and having them join in for a club of subscribers