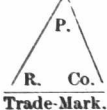


Persiatric Sheep and Animal Wash

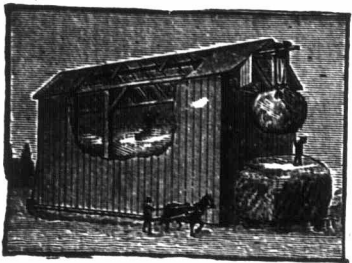
A powerful non-irritant and healing preparation that is proving a boon to farmers all over Canada for sheep and cattle ailments, such as Ticks—Maggots—Gangrene—Shear Cuts—Red Lice on Sheep—Parasites—Ringworm—Bruises and Scab. Full directions on every can. Cures the worst cases, and makes the skin healthy and whole. The most effective and economical dip on the market. If your dealer can't supply you, write us direct for it, and if there's anything out of the ordinary in the ailments of your flocks and herds we'll be pleased to give free any additional advice in the matter.

THE PICKHARDT
RENFREW CO., Limited,
STOUFFVILLE,
ONT.



BUCHANAN'S (Malleable Improved) PITCHING MACHINE

For unloading hay and all kinds of loose grain.



Unloads on either side of barn floor without changing car. No climbing necessary. Malleable Iron Cars. Steel Forks. Knot Passing Pulleys. Will work on stacks as well as in barns. Satisfaction guaranteed.



The Common-Sense Sheaf-Lifter

Works in connection with Pitching Machine, and is the most complete apparatus ever offered to the public for pitching sheaves. Sheaves left in the mow just as they come from the load.

RESPONSIBLE AGENTS WANTED

Circulars, Prices and Terms on application to
M. T. BUCHANAN & CO., Ingersoll, Can.



FAMILY KNITTER!

Will do all knitting required in a family, homespun or factory yarn. SIMPLEST KNITTER ON THE MARKET.

We guarantee every machine to do good work. Agents wanted. Write for particulars.

PRICE, \$8.00.

DUNDAS KNITTING MACHINE CO.,
DUNDAS, ONTARIO.

**TORONTO
ENGRAVING CO.**
92 BAY ST
CUTS BY ALL PROCESSES
LIVE STOCK A SPECIALTY.

DAVID MAXWELL & SONS

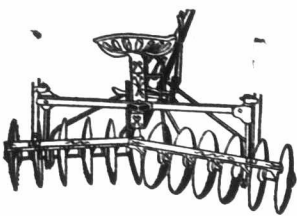
ST. MARY'S, ONTARIO.

MANUFACTURERS
OF

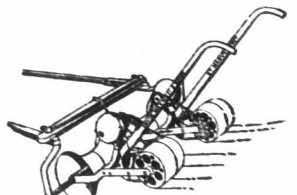
High-Class Farm Implements



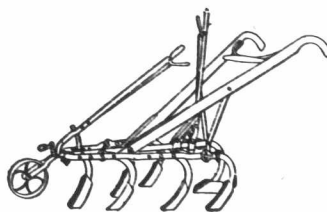
THE MAXWELL BINDER.



DISK HARROW.



TURNIP SOWER.

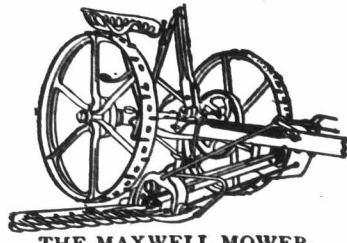


SCUFFLER.

Binders, Reapers, Mowers, Hay Rakes,
Hay Loaders,
Hay Tedders, Disk Harrows,
Scufflers, Turnip Sowers, Turnip
Slicers and Pulpers,
Hand and Power Straw and
Ensilage Cutters,
Churns,
Wheelbarrows, Cider Mills,
Corn Shellers, Pea Harvesters,
Lawn Mowers, Etc.

SEND FOR
ILLUSTRATED
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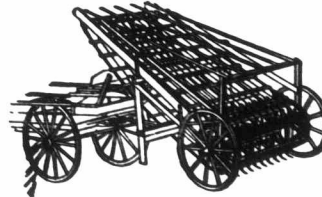
Agents Wanted in all Unoccupied Territory.



THE MAXWELL MOWER.



TEDDER.



LOADER.



GOSSIP.

At Mr. J. H. Simonton's farm, adjoining the City of Chatham, we had the pleasure of looking over his stock of Tamworth swine, and although the enormous demand has depleted his herd in numbers, Mr. Simonton has retained a long string of splendid brood sows which have or will farrow during the present spring. Mr. Simonton is one of those who foresaw the present rise and demand for this class of stock, and has never missed an opportunity of purchasing really good stock when he could see or hear of any for disposal, and even then only retained the very select of their progeny for his breeding pens. Perhaps in no herd on the continent could a greater variety of first-class pedigrees be found. Notably among the brood sows may be mentioned the splendidly formed Amber Lilly, Amber Clara and Precilla, the first named being a full sister to the great show sow Amber Luther, winner of 1st and sweepstakes in the aged class in 1898, in perhaps the most important competition in the history of the breed. These are three very strong sows of true Tamworth conformation, possessing the requisite length and depth, with a good amount of bone, and under their owner's management are in the best possible breeding form. Amber Mimulus, by Astronomer, and out of the great show sow Middleton Mimulus, possesses all the qualifications for gilt-edge production in her combination of breeding and conformation. She has just weaned a very nice litter of eight to the present aged stock boar Sambo. Eliza, by Nimrod (imp.) 174, and out of Briery Banks' Bell, suckles a choice bunch of ten to Hunter, a strong yearling, by King David, which mating we would consider highly desirable, as the length and quality of the Nimrod coupled with the growth and strength of bone of Hunter should produce a robust race which should retain the strong qualities of both the sire and dam, while maintaining the feeding qualities so characteristic in both. Among the sires most recently employed we would emphasize the strongly constituted and vigorous Sambo 338, by Rex 177, and out of the great show sow Countess 2nd 105, and while in the hands of his breeders was an easy winner at all the leading shows, including Toronto, Montreal and Ottawa. Athol 932, by Amber Lodman 319, dam Amber Duchess 110, and Hunter 1047, by King David and out of Daisy 925, are also in service, while lately added is the splendidly-bred young Whitacre Lad 115, by Whitacre Monarch (487), and out of the Royal Show sow Whitacre Countess 2nd (imp.) 1010. Whitacre Lad was farrowed in quarantine the latter part of August, and was the first choice of the litter. From his sire and dam and from his own merits we consider this one of the wisest purchases made within the period of our knowledge of the herd, coming as he does from one of the best herds in England, and from one of the best if not the best sow in England. Barring misfortune, we shall look forward to very satisfactory results from the mating with such a sire. Mr. Simonton frequently changes his advertisement, and in this issue he offers pigs of a great variety of ages and breeding.

TEST OF

Alpha De Laval and Reid's Improved Danish Cream Separators

Made at Nilestown Factory of Thames Dairy Co

Date, 1899.	Machine	Amount skimmed per hour	Speed revolutions per minute.	Butter-fat left in skim milk at following temperatures.	Lbs. Milk per Lb. Butter.
				80 85 90 95	
January 25	Alpha	2800	6000	.05 .02 .01 .01	21.10
January 27	Reid's	2800	6200	.15 .14 .12 .10	22.45
January 30	Alpha	2600	6000	.05 .03 .02	
January 30	Reid's	2600	6200	.15 .10 .08	

On January 25 Buttermilk from Cream of Alpha churned at 50 tested .05 (no water added).

January 26th Buttermilk from Cream of Reid's Improved Danish churned at 48 tested .10 (no water added).

Mr. Richardson, St. Mary's, and Mr. John Brodie, Mapleton, were present when testing Reid's Improved Danish, January 27th.

On January 30th both Separators were running at the same time, and the skim milk from the Reid's was put through the Alpha. There were 3,700 lbs. of milk received, and after it had been skimmed by Reid's Improved at a temperature of 90-degrees the Alpha skimmed 303 lbs. of Cream from the skim milk which tested 8/10 of 1 per cent.

The Cream from each Separator was ripened by the use of a pasteurized starter, and contained .65% of acid at the time of churning when tested by Farrington's Alkaline Tablets.

(Signed) T. B. MILLER,

Manager Thames Dairy Co.