

If West's Fluid...

Is properly used it is a positive preventive for such diseases as contagious abortion and hog cholera, as well as the best known treatment for scab, ticks and lice in sheep, flies and lice on dogs and poultry; and a most effective disinfectant, simply because it is a strong antiseptic and destroys the germ upon which such conditions depend, and does not contain corrosive or irritating properties.

Price per gallon, \$1.50; 5-gallon can, \$8.50. Special price in barrel lots.

Circulars containing all information as to use, etc., upon application to—

THE WEST CHEMICAL CO.,

TORONTO.

Live agents wanted in Manitoba.

GEO. KEITH'S SEED CATALOGUE

Mailed free on application. Note these prices, which include postage:

Bangholm's Swede Turnips, - 12c. lb.
Skirving's Swede Turnips, - 12c. lb.
Keith's Scottish Champion Swede Turnips, - 20c. lb.
Vogues Short Carrot, - 30c. lb.
Mammoth Long Red Mangel, - 12c. lb.

GEORGE KEITH,

TORONTO, ONT.

Jerry's SEEDS

grow paying crops because they're fresh and always the best. For sale everywhere. Refuse substitutes. Stick to Jerry's Seeds and prosper. 1898 Seed Annual free. Write for it. D. M. FERRY & CO., Windsor, Ont.

Ewing's Reliable Seeds.

Illustrated Seed Catalogue now ready and mailed free on application. Send us your address. Our stock is carefully selected and includes all the best varieties in

VEGETABLE, FIELD, FLOWER SEEDS and PLANTS, GRASSES, CLOVERS, and SEED GRAINS.

William Ewing & Co.,

SEEDSMEN,

142 McGill St., - - MONTREAL.

OUR 18TH FREE PRICED CATALOGUE

is now going to customers. If you want a TREE, VINE, ROSE or PLANT of any sort, send for it. It surely will interest buyers. They write us if they had known of our Nursery sooner it would have saved them many dollars. Satisfactory results from good stock. Try ours!

A. G. HULL & SON,

ST. CATHARINES, ONT.

TREES!

Our stock is as Good as the Best.

Having an unusually large stock of trees, vines, bushes and plants, both fruit and ornamental, of our own growing, we are compelled to extend our trade, which has hitherto been chiefly confined to the Niagara District. Having no agents, we have no fancy prices to protect, and so offer at very low rates. Write in touch with the times. Price list free on application. Dealers and Jobbers' orders packed with care, and dispatched cheaper than elsewhere. Let us price your wants, we guarantee satisfaction. All Canadian-grown stock. Stock guaranteed free from San Jose Scale.

J. W. SMITH, WINONA NURSERY CO.,

Manager. WINONA, ONT.

CAMPBELL'S BANNER...

ROOT CUTTER

Turns all roots and vegetables into Fine Stock Food. Indispensable to dairymen and sheep breeders and of greatest value to general farmers and poultrymen. Our fine, no-choking, Self-Feeding Shaking Grate takes out all dirt; saves the knives; fully warranted. Send for FREE CATALOGUE. THE M. CAMPBELL FANNING MILL CO., of Chatham (Limited).

All Spraying, Disinfecting, Whitewashing

CAN BE DONE WITH THE

Spramotor.

It is the result of most careful and exhaustive experiment. Each feature was thoroughly tested before being placed on the market.

Petrolia, Ont., Feb. 18th, 1898.

To the Spramotor Co.

London, Ont.

Dear Sirs,—Replying to yours of the 16th, I beg to add my mite of praise to your spraying apparatus. The machine purchased from you last year did excellent service, both in my orchard and whitewashing cellars and inside of stables. I also painted all my oil plant buildings, barns, stables, etc. I found it a complete success in point of economy and despatch in using light-colored oxide of iron and crude petroleum oil as paint mixture.

My men manipulating paint and machine were not experts, but with the above named inexpensive mixture they would paint over an ordinary-sized barn in an hour's time.

Yours faithfully,

H. COREY.

CERTIFICATE OF OFFICIAL AWARD.

This is to certify that at the contest of spraying apparatus, held at Grimby, on April 2nd and 3rd, 1898, under the auspices of the Board of Control of the Fruit Experimental Stations of Ontario, in which there were eleven contestants, the SPRAMOTOR made by the Spramotor Co. of London, Ont., was awarded FIRST PLACE.

H. J. HULL

JUDGES.

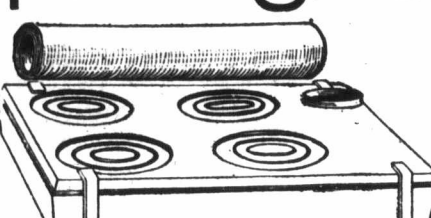
Send 3-cent stamp for 76-page copyrighted catalogue and treatise on the diseases affecting fruit trees, vegetables, etc., and their remedies.

SPRAMOTOR CO'Y,

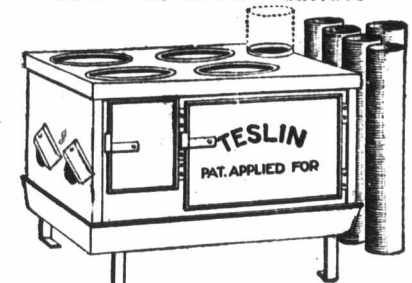
357 Richmond St., LONDON, ONT.

See Mention FARMER'S ADVOCATE.

KLONDIKE FOLDING STOVES



"TESLIN" NESTED FOR CARRYING



"TESLIN" READY FOR USE

SIZE Top—28 x 22 in. Oven—22 x 14 x 9 in. OF When Folded—28 x 22 x 4 in.

STOVE: Five lengths of pipe, nested, 2 1/2 x 5 in.

WE MAKE ALL KINDS OF

Stoves, Tinware and Enamelled Ware, STEEL FRY PANS, GOLD PANS, ETC.

Catalogues can be obtained from our warehouses at London, Toronto, Montreal, Winnipeg, and Vancouver, and our goods from dealers in all parts of Canada.

The McClary Mfg. Co'y.

E. LEONARD & SONS

London, Ontario.



Engines and boilers in full variety for Cheese and Butter Factories. We carry a full stock ready for quick shipment. Please write, giving size and style required, and whether Engine with Dairy or Upright Boiler.

NOTICES.

The advantage of creaming milk by an up-to-date, reliable separator over the gravity method has been shown so conclusively scores and scores of times that only prejudiced cream or butter dairymen having more than half a dozen cows will stick to the old style of doing the business. R. H. Lister, of Montreal, advertises in this issue machines for which no apology need be made. They are durable, simple, cheap, and skim to a trace. See their advertisement, showing price and capacity.

FARM LANDS.

The experimental stage of farming in Manitoba is past, farming is a success. The times of low prices and business depression are gone by, and everything points to prosperity. A more auspicious time for settling in Manitoba could not be than the present. While nearly every section of the Province is well adapted for farming, still, of course, there are degrees of excellence, varying soils, conditions, etc. It is safer to deal with responsible firms.

WILLIAM HARVEY, 210 Portage Avenue (corner Main street), Winnipeg, Man., advertises a list of lands on inside front cover of this issue of FARMER'S ADVOCATE. There are seventy-seven parcels to choose from suitable for wheat farming, mixed farming or cattle raising. Further information as to any of the parcels will be furnished on application.

R. J. SHRIMPTON, 228 Portage Avenue, Winnipeg, has handed us a new list of the farm lands his company are offering for sale. These lands are situated in good districts, a goodly proportion being in the noted Red River Valley, convenient to wood, good water, good markets, and near churches and schools. We are informed by Mr. Shrimpton that sales of farm lands this year are exceedingly good. Intending settlers should request a list at once, which will be supplied; also any other information upon request by letter or in person.

MESSRS. OSLER, HAMMOND & NANTON, 381 Main street, Winnipeg, Man., have farm lands for sale or rent in the best sections in Manitoba, Assiniboia, and Alberta. We have just been looking over one of their land lists, in which are given some marvellous instances where one good crop buys the farm. These lists contain valuable information, which will be sent to all who apply.

THOROLD CEMENT.

At no time in the history of the country has the problem of building received greater consideration than at present. We have passed through a period in which little has been done in this respect beyond actual necessity, and the time has arrived from various reasons (greater attention to stock requiring better facilities, etc.) when many of our leading stockmen are confronted with this question, and the permanency of a cement structure in comparison with timber is the deciding point in favor of the former with many. The Thorold Cement Works were established in 1841, by John Brown, who was killed in the construction of the Welland Canal, when it went into the hands of the late John Battle, whose sons now conduct the business under the title of Estate of the late John Battle. The quarries cover an area of 44 acres, in which steam drills are constantly kept at work, and all modern conveniences for carrying out the work are at hand. The mill is a three-story structure, 150 x 50 feet in extent, with storage capacity of 5,000 barrels. About the first introduction of this cement was its use in the great Victoria tubular bridge at Montreal. Both the old and new Welland Canal contractors used it exclusively. In the canal at Saint Ste. Marie, and in the construction of the St. Clair tunnel between Port Huron and Sarnia, of which Mr. Joseph Hobson was chief engineer, Thorold cement was extensively used. The fact of this cement having been employed in such important works is sufficient evidence of its reliability. The firm, if applied to, will forward a neat pamphlet giving full information upon this subject, dealing especially with how to build concrete wall, hog pen, stable floor, feed alley, a silo, etc., each profusely illustrated with diagrams, which will be of great assistance to intending builders. The firm have in their employ two practical men who, in addition to being first-class builders and contractors in stone, brick and all kinds of mason work, are practical farmers. These men are sent out at the expense of the firm to give instructions to their patrons who may wish them to start their work, ensuring successful results. Their instructions are properly and carefully followed. We have read many strong testimonials written in favor of this cement, and feel content to herein use but one, as part of the buildings in which the cement was used have been illustrated and described in former issues of the FARMER'S ADVOCATE: Tilsonburg, October 21st, 1896.

Estate of John Battle, Thorold, Ontario.

I herewith hand you a list of buildings and other works in which your Thorold Cement has been used, giving in every case the best of satisfaction: Foundations and basement floors for flouring mill; also walls for flume, four walls 24 ft. high, 5 feet thick, holding 21 ft. depth of water perfectly tight, with two large iron pipes put through near bottom connecting with the water wheels; a wall 120 ft. long, 24 ft. high, 4 ft. thick, to hold up the bank at the flouring mill. I also used it for foundation and wheelpit walls and basement floors for oatmeal mill, 125 ft. x 40 ft., five stories high; also basement stone and floor for elevator storehouse, house 40 x 40, 110 ft. high, brick and stone basement; also for foundation walls of wheelpit and basement floor for pea and barley mill, 32 x 100 ft., four stories high; also a wall for a mill-dam 12 ft. thick, 24 ft. high, 90 ft. long, with 26-foot head of water against it; also for a building for power house for waterworks and tower, a stone and brick building 120 ft. high, 32 x 40, three basement stories 10 ft. each, and 8-foot wheelpit below that being built in a gully and banked up forty feet on two sides of it, with a building foundation wall at one end 10 feet below the water level. I may say that the 12-foot thick wall for mill-dam was of stones, taking 1,200 barrels of cement. Besides the above, I have used cement in a great many other buildings: floors of them very large—for foundation and basement floors, twelve stories, a lot of dwelling houses and barns and basements and floors; one brick barn and cow stable, with cement floor whole 20, with five silos 40 feet deep, stone and brick walls two feet thick, all plastered with cement, some with Portland, some with Thorold and other cements. I have used nearly all of the different brands of cement sold in Canada, both Portland and water lime, having built a good many sidewalks for which I used both English and German Portland cement and some Coeur d'Alene Portland; but in water-lime cement I have almost exclusively used the Thorold cement made by your firm and produced in Canada. Although I have had a good many carloads from other sources, I think the Thorold cement is the best for general purposes. Yours truly,

E. D. THILSON.

BELLEVILLE BUSINESS COLLEGE

The system of training is Normal, Specific, Thorough, comprising full instruction and practice in

- I. BOOKKEEPING—Double and Single Entry, Business Papers, Law and Practice.
- II. SHORTHAND and TYPEWRITING—Office and Court Work.
- III. CIVIL SERVICE QUALIFICATIONS—Indexing, Precising, Writing, Statistics, English and French Options.

This College is OPEN THROUGHOUT THE YEAR. Students may enter at any time. Now is the Time.

ROBERT BOGLE,

J. FRITH JEFFERS, M. A., PRINCIPALS.

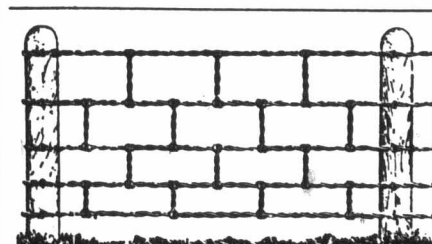
WRITE FOR CALENDAR.



Metal Ceilings are now being recognized as the most desirable covering for Private Houses, Club Rooms, Public Buildings, etc. They are very handsome in appearance, will not crack and fall off, and compare favorably in price with any good ceiling.

Fully illustrated catalogues sent on request. Estimates furnished on receipt of plans.

The Pedlar Metal Roofing Co., OSHAWA, ONT.



We can cut your 1898 fence account just in half. We claim we have the most practical fence on earth. Four miles of it in use at the Experimental Farm, Guelph. Send for prices.

TORONTO PICKET WIRE FENCE CO.

221 RIVER STREET, TORONTO, - - ONTARIO.



For a machine to build the cheapest, strongest and best fence made of wire. No royalties, no farm rights, machine easily and quickly operated by any farmer. Send for large circulars.

WILKINSON, WILKINSON, U.S.



FENCE MACHINE

Will weave your fence of any kind of wire, 40 to 50 rods per day. Price saved in one day's work. Agents Wanted. Write for particulars. High-grade Coiled Wire for sale. MCGREGOR, BANWELL & CO., Windsor, Ont.

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.

Dundas Knitting Machine Co'y, DUNDAS, ONT.

Price, \$8.00.