

Trinidad Lake asphalt
Asphalt-saturated wool felt
Trinidad Lake asphalt

Genasco

THE TRINIDAD-LAKE-ASPHALT
Ready Roofing

Trinidad Lake asphalt is what makes roofing last. Man has never been able to produce its equal any more than he has succeeded in making a real diamond. This natural asphalt contains natural oils which stay in the roofing, and give it life to resist rain, sun, wind, heat, and cold—and it does not crack or leak. Comes in rolls. Ready and easy for anyone to lay. Ask your dealer for Genasco. Write for samples and the valuable Good Roof Guide Book—free. THE KANT-LEAK KLEET, for smooth-surface roofings, prevents nail leaks and securely waterproofs the seams without cement.

The Barber Asphalt Paving Co.
Largest producers of asphalt, and largest manufacturers of ready roofing in the world.
Philadelphia New York
San Francisco Chicago
D. H. Howden & Co., Ltd.,
200 York St., London, Ont.
Caverhill, Learmont & Company, Montreal, Que.

Give Your Bush a Chance and Make Money With It

You would not think of cutting down your hay or grain with hand scythes, and you should not use old pots and pans. Install a "CHAMPION" and make more and better syrup with less time and fuel. More revenue at a reduced cost. Why not try this? We have one that will just suit you. You are sure to win. Write for free booklet.

THE GRIMM MFG. CO'Y
Limited
58 Wellington Street
MONTREAL, QUE.



Give Your Horses a Hair Cut

with this
**Stewart
Ball Bearing
Machine**

It's the easiest to turn, does the fastest work, stays sharp longer and is more durable than any other clipping machine ever made.

The price, all complete, is only \$7.50. You can get it from your dealer or send \$2 and we will ship C. O. D. for the balance.

Chicago Flexible Shaft Co.
110 La Salle Ave., Chicago
Write for new catalog showing the largest and most modern line of horse clipping and sheep shearing machines in the world.

MENTION "FARMER'S ADVOCATE."

QUESTIONS AND ANSWERS. Miscellaneous.

SERVICES OF BULLS.

If A takes a cow to B for service to his bull once, then goes elsewhere with it to some other bull, can both collect pay?

OLD SUBSCRIBER.

Ans.—In the absence of agreement to the contrary, we would say that both bull-owners are entitled to be paid.

POULTRY FEEDING.

I have about one hundred hens, two-thirds Plymouth Rocks and one-third White Leghorns. Please state the kind and amount of food that should be given, and whether it is advisable to give hot water drinks in the cold weather, and whether Poultry Food should be given.

A SUBSCRIBER.

Ans.—Feed a wide variety of grains, but principally wheat, with a little corn in cold weather. Feed just as much as they will eat up clean. Give table scraps with a little meat scraps and cut bone every other day, all the grit and oyster-shell they will eat, and some skim milk or buttermilk, if you can spare it. Temper the water in very cold weather to keep it from freezing too quickly. Never mind the special food mentioned.

A CROP FOR HAY.

I have an oat stubble about half seeded with red clover. Can I sow anything on that to make hay this summer? If not, would rape do sown in April and harrowed in on the clover to make pasture for young cattle? Do you know of anything better? Soil, sandy loam.

A SUBSCRIBER.

Ans.—Such cases as this are problems. If the clover is left, and is very thin, a poor crop results, which is often made up largely of weeds. It is doubtful whether the rape sown as you suggest would bring very satisfactory results. Better results might follow working it up and sowing with Prof. Zavitz's annual pasture mixture of 51 lbs. oats, 30 lbs. Early Amber sugar-cane, and 7 lbs. of red clover per acre. If for hay, breaking up and sowing with oats would be almost as good a plan as any.

BEDBUGS.

We have lately bought a house, the walls of which are infested with a small, red bug, which we believe to be bedbugs. Can you kindly give us an absolutely sure remedy? Thanking you in advance.

W. M.

Ans.—If the insects have got into the beds, pull the bedsteads apart, wash them thoroughly, and when quite dry give slats and all a good coat of hot varnish thinned with turpentine. (Heat the varnish in a kettle of boiling water.) Go over the walls and all crevices with gasoline, but remember that, when applying this all doors and windows must be open, and no light or fire of any kind must be in the room. If care is not taken in this respect an explosion is likely to be the result. Repeat at intervals until the bugs have been exterminated. The hydrocyanic treatment is absolutely sure, but the process is so dangerous that we hesitate to give it publicity.

HARDY APPLES FOR TEMPERATE CLIMATES.

I am thinking of planting out a few hardy varieties of apples on my farm in New Ontario. The land I have selected for a trial orchard is a piece of sandy loam, with a gentle slope to the east and north, and naturally dry. Would any of the following varieties of hardy apples withstand a temperature of from thirty to fifty below zero? Yellow Transparent, Duchess of Oldenburg, Fameuse, Peerless, Scotch Winter, Wealthy, Wolfe River, and Transcendent?

C. W. S.

Ans.—The Yellow Transparent, Duchess of Oldenburg, Wealthy, and Transcendent, should be able to stand 30 degrees below zero, or even more. The other varieties are not so hardy, but would stand 30 degrees below zero for a time. The hardiest of those mentioned are, no doubt, the Duchess of Oldenburg and Transcendent crab apples. Other hardy varieties which might be tried are the Charlamoff and Hibernian apples, two very hardy Russian sorts.

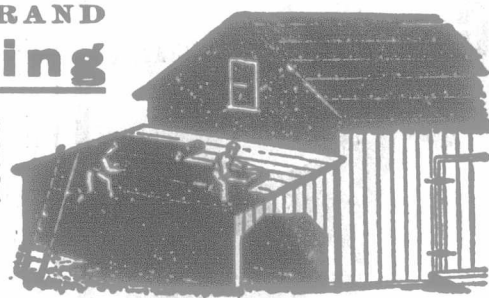
W. T. MACOUN,
Dominion Horticulturist.

Do You Want the Cheapest and Most Durable Roofing?

USE DURABILITY BRAND Mica Roofing

For steep or flat roofs; waterproof; fireproof; easily laid. We pay the freight on all orders of five square and over to any railroad station in Ontario or Quebec. Send stamp for sample, and mention this paper.

Hamilton Mica Roofing Co.,
101 Rebecca St., Hamilton, Can.



To Buyers Looking for a GOOD STALLION



I HAVE imported Percheron Stallions for years, always bought them from the best breeders in France, and beg to call the attention of prospect buyers to the fact that I have at the present time a better lot of Percheron Stallions in my barn than any barn in Canada. I have the big kind, the right kind, the kind that good judges are looking for. I won, as usual, more prizes at the leading fairs than all the Percheron importers put together. My horses are beautiful dappled-greys and blacks. Two to eight years old, weighing 1,700 to 2,200 lbs., with feet and legs that cannot be beat. Beautiful heads and necks. The kind that good buyers are looking for. I do not intend, and will not allow, if I can help it, anyone to give more quality and breeding for fixed price than I will. Come to the home of the Champion Prizewinners and judge for yourself.

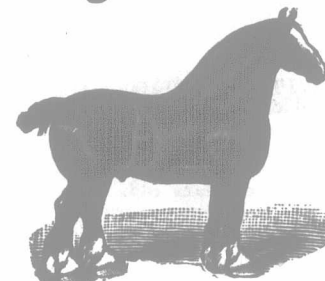
JOHN HAWTHORNE, Simcoe, Ontario

IMPORTED

Clydesdales of Quality

I have now on hand a stock of

**Clydesdale Stallions and Fillies,
Percheron Stallions, Shire
Stallions, Standard-
bred Stallions, etc.**



Totalling over 90 head. I have more size, more quality, more style and better breeding than was ever seen in any one barn in Canada before. If you want a big, ton stallion, or a high-class show stallion, or a big, well-bred quality filly, let me hear from you.

TERMS TO SUIT

T. H. HASSARD, Markham P.O. and G. T. R. Station
Locust Hill, C. P. R. Station. Long-distance 'phone.

Union Horse Exchange

Union Stock Yards, TORONTO, ONT.

The Great Annual Auction Sales will be held this year as follows:

Registered Clydesdales, Feb. 27, 1912
Registered Percherons, Feb. 28, 1912

Send your entries in at once for the above sales.

J. HERBERT SMITH

CLYDESDALES (Imported) CLYDESDALES

SPRING HILL Top Notchers. Stallions, mares and fillies. 65 per cent. guarantee with stallions. Every mare guaranteed in foal. Ages, 3 years old and upwards.

J. & J. SEMPLE Milverton, Ontario, and La Verne, Minnesota

HIGH-CLASS IMPORTED CLYDESDALES

I have Clydesdale stallions and fillies for sale, every one of them strictly high-class in type, quality and breeding; stallions over a ton and very fleshy; fillies of superb form and quality. If you want the best in Canada, come and see me.

JAMES TORRANCE, Markham, Ont.

PERCHERONS AND CLYDESDALES

Full line of prizewinning stallions and mares always on hand.

HODGKINSON & TISDALE, Simcoe Lodge, BEAVERTON, ONTARIO
Long-distance 'phone.

Imp. Clydesdale Stallions of Size and Quality

Our latest importation of Clyde stallions include several that were 1st prizewinners in Scotland. We have them from one year old up, of choicest breeding, big, fleshy quality fellows, full of draft character. Our prices are the lowest, and our terms the best.

L.-D. 'phone. **CRAWFORD & McLACHLAN, Thedford P.O. and Sta.**

Bay View Imp. Clydesdales We have got them home, 11 fillies and 7 stallions, show horses bred in the purple, big in size, and quality all over. If you want something above the average come and see us. Prices and terms the best in Canada.
On the Toronto-Sutton Radial Line. **John A. Boag & Son, Queensville, Ont.**