

**"4 in Hand"
Harness Polish**

polishes immediately with cloth or brush. Softens and preserves the leather, and at the same time puts on a hard brilliant waterproof finish.

Made by the same firm that manufactures the famous "2 in 1" Shoe Polish.

If your dealer does not handle "4 in Hand" Harness Polish, send his name and 25c. and we will mail you, post paid, a full size can.

The F. F. Bailey Co. Ltd.
Hamilton, Ont.



LARGEST IMPORTATION OF CLYDESDALES, HACKNEYS AND PERCHERONS OF THE YEAR.



My latest importation has just arrived home. I have now on hand for sale: 20 Clydesdale stallions from 1 to 5 years of age; 25 Clydesdale fillies from 1 to 4 years of age; 12 Hackney stallions from 2 to 8 years of age; 12 Hackney fillies, all young, and 4 Percheron stallions 3 and 4 years of age. A total of 73 head, with size, quality and action, and bred in the purple. Largest selection in Canada. Will be sold right, and on terms to suit.

T. H. HASSARD, MILLBROOK, ONT.

CLYDESDALES

At Columbus, Ont., the home of the winners, this year's importation just arrived. The pick of Scotland's best. For size, style, conformation, quality and royal breeding, they eclipse any former importation we ever made. Look them up in our barn on Exhibition Grounds. Over 30 head to select from.

Long-distance phone.

SMITH & RICHARDSON, COLUMBUS, ONT.



Shires, Shorthorns and Lincolns

At present we are offering a very choice consignment of imported stallions, mares and fillies received from the great Shire stud of R. Moore & Sons, Beeston Fields, Nottingham, England. They are a grand lot, and will be sold at right prices.

In Shorthorns we have a number of choice young bulls, three of them show animals; also an excellent lot of females—all ages.

JOHN GARDHOUSE & SONS, Highfield, Ontario.
Toronto, 14 miles; Weston, 3½ miles.



Long-distance phone.

Clydesdales and French Coachers, Imp.

Scottish and Canadian winners, stallions, mares and fillies. The Clydes represent the blood of such noted sires as Baron's Pride, Up-to-Time, Royal Favorite, Ethiopia and Acme. They combine size, quality and action. The French Coachers are a big, flashy, high-stepping lot, and are winners in both France and Canada. Our prices are right, and our horses as good as the best. Long-distance telephone.

ROBT. NESS & SON, Howick, Que.



IMPORTED CLYDESDALES Up to over a ton in weight, with the very richest of breeding and the best of quality. I think no better shipment of stallions ever left Scotland. I have also nine fillies, without doubt the best lot in Canada. All will be sold cheap and on terms to suit. Long-distance phone.

GEO. G. STEWART, HOWICK, QUE.



Imported Clydesdales I have still on hand 1 stallion, black, rising 4 yrs., by Carthusian, a Toronto winner; 1 rising 2 yrs., by Baron's Pride. 1 rising 2 yrs., by Danure Castle; 4 fillies, a Toronto first and second prizewinner among them. Every one of these is an extra good animal, and the price and terms are right.

T. D. ELLIOTT, Bolton, Ont.



IMPORTED CLYDESDALE FILLIES

Young imp. mares in foal or foal by side. One Clyde and one Hackney stallion. They are the best that can be purchased. Write or come and see them. Terms reasonable.

Stouffville, G.T.R.
Gormley, C. N. R.

G. A. BRODIE, Bethesda, Ont.



SIMCOE LODGE CLYDESDALES

Our stable of imported and Canadian-bred Clydesdale stallions and fillies was never so strong in show stuff as now, although we have had some very strong lots. Call and see what we have before buying elsewhere. Long-distance phone.

HODGKINSON & TISDALE, Beaverton, Ont., G. T. & C. N. R.



OAK PARK STOCK FARM HACKNEYS

Four imported and home-bred stallions for sale. Ten imported and home-bred mares for sale. Among these are prizewinners at Toronto, Chicago and New York. Prices reasonable. Visitors always welcome to inspect stock.

JAS. J. BROWN, Manager, BRANTFORD, CAN.

IMP. CLYDESDALE STALLIONS AND FILLIES.—Our new importation of stallions and fillies are the best we could select in Scotland, particularly well bred, with the size, smoothness and quality that Canadians admire. Show-ring stuff. Come and see them. Will sell on terms to suit. JOHN A. BAG & SON, Queensville P. O. Ont.; Newmarket Sta., G. T. R. Telegraph and telephone one-half mile from farm. Metropolitan Street Ry. from Toronto crosses the farm.



Clydesdales Imported and Canadian-bred. Our mares all are bred to Acme (imp.) 8th, the best breeding horse in Scotland in 1907. Four male foals and one filly, all from high-class (imp.) mares, for sale right.

R. M. HOLBY, Sta. & P.O. Manchester, Ont., G.T.R.; Myrtle, Ont., C.P.R.



IMPORTED CLYDESDALES, SHORTHORNS AND SHROPSHIRE!

I have on hand several Clydesdale stallions, as choice a lot as ever crossed the ocean. Missie, Stamford, Claret and Gem of Balechin Shorthorns; up-to-date in type and quality. 50 imported Shropshires, 30 ewe and 30 ram lambs from imported stock. Look me up at Toronto Exhibition horse barns. THOS. L. MERCER, MARKDALE, ONT., P. O. AND STA.



**QUESTIONS AND ANSWERS.
Miscellaneous.**

FOWL TRESPASS.

I have about 80 acres, surrounded by a village, and three (at least) keep a lot of fowls, and they are in my fields and garden daily and yearly. The people seem to think they have a right there, or, at least, that I should build a fence to keep them out. Last year most of my land was in roots and vegetables, such as tomatoes, and the fowls did me much damage. When I told one of my men to drive them out, one woman said, "Come here, Mary, and see the old hawk chasing our chickens!" Another man that I spoke to said, "He supposed that was the reason he had lost so many," which insinuated that I had "forked them." The third party that I spoke to said that she "noticed she had one lame, and would have me arrested."

WET HEN.

Ans.—You may have such poultry impounded, or, if their owners refuse or neglect to prevent them from further trespassing on your premises after a notice in writing of their trespass has been served upon such owners, then they may be brought before any justice of the peace and fined such sum as the justice directs.

LOOP POINTS ON LIGHTNING RODS.

In a late issue you gave instructions re erecting homemade lightning rods, viz.: By running rod proper from end to end of building, then connecting uprights. Is there any reason why they may not be erected as in the accompanying sketch, which makes one continuous rod from end to end?

J. R. P.

Ans.—In the sketch referred to, a rod is shown running along a ridge, but instead of having upright points added the rod itself is bent sharply up and then down, forming a long, narrow, upright loop. Three of these are shown in the length of the ridge. In answer we would say that it is important in the erecting of lightning rods that the main rod should run in as straight a course as possible to the ground. Sharp turns are to be avoided as much as possible, especially upward turns. Lightning seems to prefer a downward course. We think, then, that the effectiveness of a lightning rod would be seriously interfered with if put up in the manner described.

BARN-BUILDING QUESTIONS.

1. I am thinking of building a barn, 50 x 64; 21-ft. corner posts. Could you please give me a bill of timber and lumber required in "The Farmer's Advocate"? (Only wish one threshing floor if possible.)

2. Am putting a stone wall under same. About how much lime will be required? What thickness of wall is best? And actual measurements and plan of best way to lay out the stables to the best advantage.

3. What do you think of barn that size; or would you suggest some different size? Have lots of timber. F. A.

Ans.—1. We presume, as you have plenty of timber, you will have barn frame of square timber, with sills all around the walls. You will require 4 sills 64 feet long and 2 sills 50 feet. Total length, 364 feet. At least 5 bents will be needed, for which there will have to be 10 posts 21 feet in length and 10 posts 19 feet long. Total length of posts, 400 feet. Beams at least 5, each 50 feet, total 250 feet. Wall plates 2, each 64 feet, 128 feet. Purlines 2, each 64 feet, 128 feet. Purline posts 10, 11 feet long, total 110 feet. Girts 42, each 17 feet long. Two door caps, 15 feet each. Rafters 44, each 31 feet in length. We have not attempted to give the number of cubic feet of timber, merely the running length. Have included neither braces, collar beams nor joists.

For sheeting 4,000 feet of inch lumber will be needed.

For siding, including barn doors, 5,000 feet.

Flooring for threshing floor 11 feet wide, 1,400 feet of two-inch plank.

For the mows, if floored, 2,500 feet of inch lumber will be required. Total of lumber, 13,500 feet. Shingles needed at 4½ inches to the weather, 33,000.

2. It is not stated whether a basement or merely a low foundation wall is required. Better consult a mason.

3. A barn of the dimensions given would be economical; that is, would contain a large amount of room for the amount of outside wall. Most new barns are made longer and narrower, 38 to 40 feet wide, so that two rows of stock can be run the entire length of the building. You give no idea as to how much stock you have or how you wish them placed in stable. Will on that point say, merely, that you could get the greatest number comfortably into the given space by having three rows of stalls lengthwise of building, two of them headed towards a central feed alley, and one row with heads toward side walls. Such a stable would house 48 full-grown cattle.

SHEEP KILLED BY DOGS.

What is the Act regarding sheep killed by dogs, and the amount of remuneration for same?

SUBSCRIBER.

Ans.—The Act referred to is the Revised Statute, Chapter 271, R. S. O., 1897, and is to be found at pages 3204 to 3210 of such Revised Statutes. Generally speaking, full remuneration may be recovered from the owner or keeper of the dog, if known; or if such owner or keeper be not known, or cannot be found, then two-thirds of the amount of the damage may be obtained from the corporation of the municipality in which the sheep was killed or injured.

WHITE TURNIPS.

Will "The Farmer's Advocate," or some of its subscribers, kindly describe the culture of white turnips, the best varieties, and state their comparative value with other roots for feeding?

SUBSCRIBER.

Ans.—White turnips can be grown by the same method of culture usually employed in the growing of Swedes; that is, sow in rows in drills or on the flat, and give careful cultivation, both by horse and hand hoe. Owing, however, to the fact that they rot badly if sown early, that their nutritive value is low, about two-thirds or less than of Swede turnips by weight, and that they will not keep into winter, they are not in much favor as a regular crop, but are sometimes used as a catch crop. Sown broadcast after early potatoes are harvested, or in corn during the last cultivation, they answer a useful purpose for feeding in the first month or two of winter. The larger specimens can be harvested and the smaller ones left to be plowed under or pastured. One to two pounds of seed per acre may be used. The Red-topped White Globe is the best yielding variety.

CHICKEN-RAISING FOR DELICATE PERSONS.

Kindly advise me in regard to the following questions:

I am a young man, 27 years of age, have organic heart disease and am partially paralyzed on left side. Can walk a short distance fairly well, but on account of weakness of heart cannot "keep going" at anything which requires continuous exertion. Have practically no use of left arm. Have been in this condition over four years.

1. What line of business would you advise me to undertake? Would you advise me to buy or rent fifty acres of pasture land and take in stock to pasture, and also keep poultry?

2. How many hens would you advise for a start?

3. Kindly make any suggestion that you consider would suit my case.

SUBSCRIBER'S SON.

Haldmand Co.

Ans.—1. Your own suggestion as to how to be independent and useful is as good as any that we can make.

2. Forty or fifty would be plenty for a start. The Rhode Island farmers who make a specialty of chicken-raising think that number sufficient for one house and one acre. When more are desired another small house is built on another acre, and so on, as more are found profitable. We recommend a trial of their system instead of an expensive house containing hundreds of fowls.

3. Your case is certainly not a desirable one, but if you are cautious and watchful, and careful, enterprising as well, exercising your common sense instead of being taken up with fads, you may surprise your neighbors and yourself.