

JOHN CHAMBERS & SONS

HOLDENBY, NORTHAMPTON, ENG.

We are shipping to our American branch another consignment of Shire Stallions, Mares and Fillies. They are expected to land at St. Thomas, Ont., April 22nd, this making the third shipment within a year. Over to head in this. This lot includes several 1 and 2 year-olds, as well as a number of heavy mature Stallions, and a number of Mares and Fillies, in fact, Horses shown or imported by us at the Ontario Horse Breeders' Show, Toronto, Feb. 1907, 1st and 3rd year old Stallion, and aged Stallion, and 4th aged Mares, 1st, 2nd and 4th on year-old Fillies. We import good ones and all them worth the money and on favorable terms. Let your wants be known to

C. K. GEARY, Can. Agent, St. Thomas, Ont.

REGISTER YOUR CLYDESDALES

To be eligible for registration, a graded Clydesdale filly must have four crosses by Clydesdale sires recorded in Canada. Stallions require five crosses. It will save trouble and expense to attend to this matter early. For application forms, etc., apply to Accountant, National Live Stock Records, Ontario.

PRESIDENT, JOHN BRIGHT.
Myrtle Station.

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Weekly Sun Office, 18 King St. West, Toronto
E-27

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Importers of Clydesdales, Shires, Percherons, Belgians, Hackneys, Standard-breds and Thoroughbreds

of highest possible quality and richest breeding. Have sold as many stallions the last year as any man in the business, with complete satisfaction in every case. I have always a large number of high-class horses on hand. My motto: "None but the best and a straight deal." Will be pleased to hear from any one wanting a rare good one. Terms to suit. Long distance phone.

LISTOWEL, P. O. AND STATION
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Our Clydes now on hand are all prizewinners, their breeding is gilt-edged. Our Hackneys, both stallions and mares, are an exceedingly high-class lot. We also have a few high-steppers and carriage horses. Yonge Street cars pass the door every hour.

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A large herd of choice Pigs of all ages on hand, quality guaranteed. No other herd has such a record in the show-ring, covering several years. Oak Lodge type or hogs are profitable breeders and ideal bacon hogs. Correspondence solicited. E-17

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YORKSHIRES Of Choicest Type and Breeding

I have on hand 75 broad sows of Princess Fame, Cinderella Clara, Minnie, Lady Frost and Queen Bess strains. My stock boars are true to type and of richest breeding. For sale are a large number of sows bred and ready to breed, boars fit for service, and younger ones of both sexes. Pairs and trios not akin. E-30

J. W. BOYLE, Woodstock, Ont.

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

Water From Spring—Hot Water in House

W. H. Day, O. A. C. Guelph.

1. I want to run water from a spring on high ground, through the house, then to the horse barn and sheep pen (one building), then to the cow stable. (No. of stock, 2 horses, 2 sheep, 1 head of cattle.) The distance from the spring to the cow stable is 200 yds. What size pipe should be used, and how would it be best to arrange it, so as not to give trouble in winter time? The hen house and horse stable would not be warm enough to keep water from freezing. 2. I have water in the house, what piping and tanks would be required to attach to a stove in order to have a constant supply of hot water? What would be the simplest plan?—Farmer, N. S.

1. If the spring is over 20 feet above the point of use, so that you will have plenty of head to force the water through the pipe, half-inch pipe will answer, though it would be a little slow. If the fall is less, use at least a 3/4 inch pipe. It will cost you a cent or two more a foot than the half inch, but it will carry 2 1/2 times as much water as a half inch pipe working under the same conditions. The pipe from the spring should be laid deep enough underground so that the frost will not reach it in the winter. Four feet would be sufficient unless it was in a very exposed place. To prevent freezing in the hen house and horse barn use the two-pipe Macnamara hydrant, which your local plumber can procure for you at a cost of about \$5, or which you can direct from James Robertson & Co., Toronto. This hydrant is provided with shut-off and waste valves down in the ground so that when the water is turned off, that remaining in the stand pipe at the time leaks away into the ground in a short time so that there is no water in the pipe above the eap, and hence there is no danger of freezing.

2. You need the following: (1) hot water tank about 50 gallons capacity; (2) coil, or other heating device in the stove; (3) pipe from your supply to the bottom of the tank; (4) pipe from bottom of tank to heating device; (5) pipe from heating device to top of tank; (6) pipe from top of tank to tap at the sink; (7) tap at sink and drainage tap between tank and heating device.

Fitting Up Thin Horses

A knowing horseman can make good profit in fattening up horses that have become run down, and for that reason may be purchased for a low price from the owners, who do not know how to plump them up again, or even renovate them for service. It is usual to find one or more customers caused in such conditions. Look first to the teeth. In many instances, irregularities, or a broken or split or sharp tooth, or long tooth, grown up high, on account of a cavity above or below, corresponding with a missing molar, keep the horse from properly masticating his food or deter him from eating the amount necessary to keep him in good condition. Where such things are found they may be speedily set right by the proper use of the veterinary dentist's instruments, and the horse will at once pick up and do well.

If the teeth are found to be in good condition, next lift the tail and examine the region of the anus, for worms are a common cause of thinness, and their presence is indicated by a fur of scaly material about the anus. Worms must be gotten rid of, if the thin horse is to be fattened. All the food imaginable will fail, where worms are plainly sapping the blood and strength. For worms give two ounces of turpentine shaken up in one pint of raw linseed oil. Administer it after starving the horse for 12 hours, and follow it up with a drachm of dried sulphate of iron (night and morning) in the feed for one week. Then skip 10 days, and re-

peat for another week to destroy the worms hatched out from the eggs remaining in the intestines, following the first treatment. If the horse still lacks appetite, add two drachms of powdered gentian root to the iron at each dose and he will soon go to eating greedily.

When the teeth are all right and evidences of worms are absent chronic indigestion is the next cause to be considered. A horse that needs it will need be given other than a preliminary physic ball or a drench of raw linseed oil. Follow with molasses mixed with each feed. At least one quart of molasses should be given twice daily. Mix it with a like amount of water, and then incorporate it intimately with cut hay, coarse wheat, bran and corn meal. Feed whole oats at noon, and long hay at night. This is good feeding in ordinary cases, but where the horse is very thin, and covered with sores, or showing other evidences of indigestion, the amount of molasses may be greatly increased.

In certain worn out army horses, as much as 12 pounds of molasses have been given daily along with cut hay or grass, and the results have been astonishingly good. In fact such horses plumped up so quickly that their former drivers failed to recognize them in six weeks after the feeding process commenced.

In most cases of chronic indigestion, clipping the hair usually works like magic, and we would strongly advocate this practice, provided the horses are to be stabled comfortably, as they should be, if it is desired to fatten them quickly in short order. Exercise should be restricted during the feeding period. Care will have to be taken, however, that the horses do not become constipated. If they should show any signs of constipation mix a tablespoonful of table-spoonful of glauca salts in their feed, night and morning, or dissolve it in the drinking water. The feeding of castor oil, or other purgatives will, however, obviate the necessity of using salts, and it is best, if possible, to get along without medicine.

"There is a great surprise in store for dairymen who will figure the cost of feed and butter fat value of each cow and compare the same.—D. E. McKenzie, Simcoe Co., Ont.

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CLYDESDALES

If you need Clydesdales (imp.) Canadian bred male or female, write to us at once. If we have not on hand what you need, we will help you. Reasonable terms. Stock guaranteed as represented.

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