

The Air-Cooled

is not an experiment nor a toy, but a strong, reliable

GASOLINE ENGINE

that is steadily winning a reputation for its convenience, durability and wonderful economy. When writing for particulars, please state the use for which an engine is desired. Manufactured by

CONNOR MACHINE CO,, LTD Exeter, Ontario



BSORBINE

Will reduce inflamed, Strained, swollen Tendons, Ligaments, Muscles or Bruises, Cure the Lameness and stop pain from a Splint, Side Bone or Bone Spavin. No blister, no hair gone. Horse can le used. & a bottle delivered. Describe two your case for special instructions and Beduces strained, torn ligaments, enlarged glands, veins or muscles—heals ulcers—allays pain. Price 1.00 a bottle at dealers or delivered.

W.F. YOUNG, P.D.F., 258 Lymans Bidg., Montreal, Ca.

Messrs. Hickman & Scruby COURT LODGE, EGERTON, KENT, ENGLAND EXPORTERS OF PEDIGREE

Live Stock of all Descriptions.

ing the spring months we shall be shipping large numbers of Percherons, Shires, Belgians, Clydes-dales, Suffolks, etc., and all those who wish to buy imported stock should write us for full particulars.

Percheron, Belgian, Shire, **Hackney Stallions and Mares**

Two to four years old. Imported and American-bred. Choice colors, lots of bone, weighing or ma-turing 1,800 to 2,300 lbs. Three importations last few months, others to follow soon. Prices below I sell them low and they go fast LEW. W. COCHRAN, Crawfordsville, Ind. Office, 109½ S. Washington St.

NOTICE TO HORSE IMPORTERS **GERALD POWELL**

Commission Agent and Interpreter Nogent Le Rotrou, France

will meet importers at any port in France or Belgium, and assist them to buy Percherons, Belgians, French Coach horses. All information about shipping, banking and pedigrees. Many years' experience; best references. Correspondence solicited.

For Sale Valley Dale Shires. Imported and Canadian bred Stallions, Mares and Fillies from 1 to 7 years old. For description and particulars app y to

Wm. Pearson & Son, West Flamboro, Address 103 York Street, HAMILTON, ONT.

Shires and Shorthorns

In Shire stallions and fillies, from the best studs in England, we are offering some rare animals at rare prices. Scotch Shorthorns of either sex or age of highest breeding and quality. John Gardhouse 8. Son, Highfield, Ont. L.-D. 'phone.

Glydesdale for Sale-Extra heavy three year-old stallion; bred from onported sire and dam.

WM. HAMILTON, Bright, Ont.

MENTION "FARMER'S ADVOCATE."

1

QUESTIONS AND ANSWERS. Miscellaneous.

GRUB IN THE HEAD.

I have a ewe that walks round in a circle at times; seems to be blind at times; her ears flop down and shake a little; she has quit eating, but drinks. To-day she was lying down most of the time. 'The pen is well lighted. What is the matter with her, what causes it, and what treatment shall I give her?

Ans.—This is probably caused by grubs in the head, the offspring of the gadfly, which lays its eggs in the nostrils of the sheep in summer, and which find their way up into the head. Cures have been reported from injecting a little spirits of turpentine into each of the nostrils while holding the head up high, causing the sheep to cough and sneeze, thus dislodging the grubs. Some claim to have dislodged them by placing a piece of plank on the back of the head and striking it with a mallet or hammer.

THOROUGHPIN.

Clyde colt eight months old has a swelling on outside of left hock. Veterinarian says it is a thoroughpin, and prescribed rubbing soft soap four times in succession, then to paint with iodine every second evening for about two weeks. Have followed directions without result. The trouble is only on one side instead of on both. Please state if it is curable, and what treatment should A. C. be pursued.

Ans.-No doubt your veterinarian was correct in his diagnosis. If not of too long standing, it should yield to blistering. Get a blister made of 11 drams each of biniodide of mercury and cantharides, mixed with two ounces of vaseline. Clip the hair off the parts. Tie so he cannot bite them. Rub thoroughly with the blister once daily for two days, on the third day apply sweet oil. Let him loose and oil daily. After the scale comes off, tie up and blister again, and then blister once a month until the colt can be turned out on pasture, provided one or two applications do not effect a cure.

PIGS WITH COUGH - HOG PAS-TURE.

1. I have a lot of pigs which have a bad cough, young and old, from two months to two years old. Some of the young ones have died. Cough seems to bother them worst when they go to eat. Am feeding barley, oats, and buckwheat chop. Please tell what would be good for them.

2. A lot of my hens are dying with the yellow scours. Am feeding them barley and buckwheat. Can you tell me what would be good for them ??

3. I have a lot of pigs; am scarce of pasture. What would be the best thing to sow in the spring for early pastur for them? Sowed three acres of alfalfa last spring, but it may get heaved out M. J. P. next spring.

Ans.-1. It is probable they have bronchitis, which is often caused by sudden changes from a warm pen to drafts, or by steam cooking in the building, etc. Treatment consists in removing the cause, allowing plenty of fresh air and exercise, and keeping the bowels open by feeding a little Epsom salts and sulphur daily. If any are very bad, apply mustard and turpentine to their throats and sides.

2. Send a dead bird at once, with particulars, to Prof. S. F. Edwards, Bacteriologist, O. A. C., Guelph, or to Dr. Chas. H. Higgins, Biological Laboratory,

3. Sow a mixture of peas and oats, say, 11 bushels peas, and 1 of oats, per acre. For later pasture you might try

Volume 14, of the Canadian Holstein-Friesian Herdbook, has been issued from the press and a copy received at this office, by courtesy of Secretary and Editor G. W. Clemons, St. George, Ont. It is a substantial and well-printed volume of over 650 pages, containing pedigree records of 1,923 Julis and 2,768 a males, a total of 4,691 nead. Also the and of merit and performance of a very number of animals, the whole maka nanarkably good showing of the increase and popularity of this great dairy breed of cattle in the De amion.

IVINGSTON'S Oil Cake and Meal are guaranteed absolutely

They are made by the Old Patent Process-and will keep as long as you like.

Careful tests have proved them to be the most easy-todigest of all cattle feeds-95% goes to build muscle, tissue and health.

LIVINGSTON'S CAKE AND MEAL

MAKE MORE MILK

and BETTER milk-FATTER and STURDIER CATTLE-HIGHER PRICES for the higher quality-and less EXPENSE in obtaining that quality.

The manufacturers of Livingston's Cake and Meal worked forty years on the problem of stock food before they produced these perfect foods-which are not so soft as to waste, yet soft enough to be thoroughly digestible. Your dealer will tell you Livingston's are better than any others on the market. Ask him -or write us direct-for full particulars.

Supplied in three grindings-Fine Ground, Pea Size and

The DOMINION LINSEED OIL CO., Ltd. Baden, Ontario

For Sale Clydesdale Stallion

Four years old, by Benedict. He is a beauty and sure toal getter, AND TWO TWO-YEAR-OLD STALLIONS. VERY CHEAP.

Willowdale Stock Farm, Lennoxville, Quebec

Ormsby Grange Stock Farm ORMSTOWN, P. QUE.

A full stock of CLYDESDALES, imported and home-bred, always on hand, at prices and terms to suit breeders. Correspondence solicited.

DUNCAN MCEACHRAN,

Proprietor.

HOME FROM THE SHOWS And A NEW RECORD made in the number of prizes taken by our

Clydesdale Stallions and Mares

Our prices and erms are most reasonable. Write us, or come to our stables. SMITH & RICHARDSON, COLUMBUS, ONTARIO

MYRTLE, C. P. R.; BROOKLIN, G. T. R.; OSHAWA, C. N. R.

Clydesdale and Shire Stallions and Fillies



If you want a Clydesdale or Shire stallion or filly, or a Welsh pony, let me hear from you. I have the best blood of the breed. Horses over a ton in weight. Colts that will grow to the ton and over, with faultless characters, style and quality. I will not be under sold, and your terms are my terms.

T. L. MERCER, Markdale P.O. and Sta.

IMPORTED CLYDESDALES

I have for sale mares and fillies, from toals up to 5 years or age; richly bred and big in size; a number of them in foal; matched pairs, the kind to make you money. They will be sold at prices that defy competition.

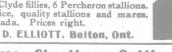
L.-D. phone.

ALEX. F. McNIVEN. St. Tromas, Ont. 16 Clydesdale Stallions and Fillies



5 years and under. Some winning in Scotland and Canada. Bred from such noted sires as Hiawatha, Everlasting, Prince of Carruchan and Baden Powell—horses that will make a ton, with quality. Prices right. W. B. ANNETT, ALVINSTON, ONTARIO Watford station, G. T. R., 30 miles west of London. Clydesdales, Stallions and Fillies, Percheron Stallions

My 1911 importation have arrived—20 Clyde stallions, 18 Clyde fillies, 6 Percheron stallions. I have many winners at Old Country shows. Big, choice, quality stallions and mares, bred from the champions, and the best Percherons in Canada. Prices right. T. D. ELLIOTT, Boiton, Ont.







In my late importation of Clydesdale stallions and fillies I have exceptionally choice breeding idea draft characters; as much quality as can be got with size, and I can undersell any man in the business. Let me know your wants. GEO. G. STEWART, Howick, Que. L.-D. 'Phone.





We have for service this season the Champion Imp. Clydesdale stallions Netherlea, by Pride of Blacen, dam by Sir Everard; also Lord Aberdeen, by Netherlea, and the Champion Hardney stallion Terrington Lucifer, by Copper King. For terms and rates apply to the creater.

I. B. MAGAULAY, Prop. ED. WATSON Manager.