

QUESTIONS AND ANSWERS.

Veterinary.

URINARY TROUBLE.

I worked a horse very hard one cold, misty day. Since then, when at work, he urinates very often. When driving to town he will sometimes stop to urinate on the road, and when he does not do this, he urinates freely, and without difficulty, as soon as he gets into the stable. He eats well and looks well, but tires easily.

L. L.

Ans.—This is irritability of the urinary organs. Give him 1½ ozs. of the tincture of hyoscyamus, in a pint of cold water, as a drench, three times daily until the irritation ceases.

V.

HORSE LACKS STAMINA.

Seven-year-old horse eats well, looks well, and when idle appears keen and has plenty of life, but when put to work tires easily, breaks out in a cold sweat, hangs his head, steps high with all feet, and staggers along. If put in the stable and fed he will eat well, and will commence to work all right again, but will soon again act as described. He has been this way for two years.

W. G.

Ans.—The horse's constitution appears to be broken down. This might result from overwork or overfeeding, or both, when young. As he has been this way so long, it is doubtful if treatment will be effectual. All that can be done is to give him tonics. Take equal parts of pulverized sulphate of iron, gentian, ginger, nux vomica and bicarbonate of soda; mix, and give him a tablespoonful three times daily in damp food, or in half pint cold water, as a drench.

V.

Miscellaneous.

LIGHTNING-ROD AGENCIES.

Will you kindly inform me, through the columns of your valuable paper, the names of the different lightning-rod firms in Ontario, as I am thinking of taking out the agency for one firm, and I would like to know the different firms, so I could correspond with them to that effect.

C. J. P.

Ans.—It would be invidious to answer this question. The various firms manufacturing and selling lightning rods would doubtless find it to their advantage to advertise for agents.

COLOR OF ORPINGTON EGGS.

What is the standard color of Buff Orpington eggs? Some of my hens are laying light-colored eggs and some brown. Are light-colored eggs an indication of impure breeding?

READER.

Sask.

Ans.—The color of Buff Orpington eggs should be brown. It is, however, no indication that the birds are not pure-bred if eggs laid vary to a light color, as this is a characteristic of all breeds laying plain brown-colored eggs. If care is taken in selecting the eggs for hatching purposes, the difficulty of light-colored eggs appearing will be largely overcome.

A. W. FOLEY.

PERMANENCY OF ALFALFA STAND.

When a field of alfalfa gets properly established, is there such a thing as its "running out"? If not, how many years does it last before it would have to be re-seeded?

G. G. MONCRIEFF.

Ans.—While alfalfa is very persistent, and some stands have held the ground for a great many years (hundreds of years in some few instances, according to report), still it must not be expected to remain forever, even on ideal soil, and on the average field, ten or fifteen years is probably about the limit of its profitable duration; often it does not last this long. Much depends upon the soil, and other conditions. Hard clay hillsides are the best. On such soil it is not always easy to secure a catch, but once established, if sown on a perfectly-clean seed-bed, it will often produce luxuriantly for twenty years, and longer. We have seen scores, yes, hundreds, of pieces of alfalfa sown on varying soil, and almost always the experience has been that the alfalfa would sooner or later succumb on the low-lying, and also upon the high, loamy portions, but on the hard clay hillsides it would seem to defy the years. This

is presuming that the soil is well drained, free of grass, abundantly supplied with lime (artificial applications of lime are beneficial to alfalfa on almost any soil), and that the stand is not pastured close at any time, particularly in the fall. Grass is the arch-enemy of alfalfa, and it gets in its deadly work soonest on the mellowest soils. Disking the field after removal of a crop, together with liming, will do much to enable the alfalfa to thrive and keep down the grass.

WEED FOR IDENTIFICATION.

The enclosed weed is growing thickly through a hayfield of second year's growth. It was not noticed last year. What is it? How should it be treated?

LAMBTON COUNTY SUBSCRIBER.

Ans.—The specimen does not show the flower, but the hard, pitted and wrinkled seeds growing in threes or fours, close to the stem, and the narrow, very rough leaves indicate that the weed is *Lithospermum arvense*. This is a common weed in European grain fields, and is known as groomwell, bastard alkanet, stoneseed, and wheat-thief. It is an annual, with small, whitish or yellowish flowers, and erect, wiry, rough stems. You doubtless introduced it with the grass seed last year, and these plants are the crop from last year's stock. We have seen fields summer-fallowed to eradicate it where it had become very thick. Will not the early mowing of the hay catch the most of the seed before it matures?

J. D.

GOSSIP.

That Percheron horses are popular in the Western States is evidenced by the report of the auction sale held June 3rd by the importer, W. L. De Clow, at Cedar Rapids, Iowa, when 30 mares sold for an average of \$797.83, and 5 stallions for an average of \$792. The highest price for a stallion was \$1,500, and for a mare \$1,100, four other mares selling for \$1,000 each.

A successful British co-operative farming experiment is the Coin St. Aldwyn's Co-operative Farming Society, which has been in existence for fourteen years. The society farms 250 acres, and last year's profit was £177, against £375 in 1907. Lower prices for sheep were responsible for the decrease. The dividend was 5 per cent., and a bonus of 5 per cent. For the fourteen years of the society's existence, the dividend and bonus has averaged 7½ per cent. per annum—an excellent return.

AYRSHIRE CHAMPIONS.

Rivalry and competition are often needed to bring out the best results in many things in life, so in the development of the Ayrshire as a dairy cow, the desire to get to the top has been the means of bringing out a succession of three-year-old champions that are a credit to the breed, and show what the owners can do when they set about it.

This, too, is another illustration of the value of the Advanced Registry system adopted by the Ayrshire Breeders' Association in making official tests of individual Ayrshires for milk and butter-fat. Each new record that eclipses the last is an incentive to some breeder who thinks he has a good cow to try her, and see what she can be made to give at the pail, and step by step the highest yield of an Ayrshire cow is advanced.

The string of three-year-old American champions that have made advancing records since the Advanced Registry was started, is as follows:

Belle's Cherry 15263, with a record of 8,871 lbs. of milk and 361 lbs. of fat in a year.

Eugenie Douglas 17152, with a record of 9,587 lbs. of milk and 405.27 lbs. of fat in a year.

Sweet Josie 19833, with a record of 10,103 lbs. of milk and 405.27 lbs. of fat in a year.

Madonna Lass 3rd 21850, with a record of 10,167 lbs. of milk and 430.28 lbs. of fat in a year.

Jennie of Sand Hill 19490, with a record of 10,160 lbs. of milk and 437.14 lbs. of fat in a year.

Curfew Bell 21255, with a record of 11,181 lbs. of milk and 592.99 lbs. of fat in a year.—C. M. Winslow, Secretary.

The Greatest Summer Event in Canadian Shorthorn
Circles will be the

James I. Davidson Sale

AT BALSAM, ONT., ON THE 1ST DAY OF JULY, '09

The herd has lately been gotten together by James I. Davidson, Jr., with the purpose of having as good **SCOTCH SHORTHORNS** as have been imported and bred at Sittyton Grove in the past.

His health having given way, it is feared permanently, the cattle will be sold without reserve, and the hopes and ambitions of a great lover, a gifted judge, and a natural breeder of good Shorthorns will be turned over to the public.

There are Cruickshank Village Girls, Lavenders, Missies, Matchless, Mysies, Golden Drops, Wimples, Rachels, Brawith Buds, and representatives of the earlier importations of Scotch Shorthorns.

There are breeding cows of grand scale and character. There are heifers ready for the show ring as they go in the field.

There are bulls of the breeding and quality to fit them for use in any herd, and there is not a medium bull in the sale. There are calves of both sexes in the prime condition for the show ring, and it will be a good idea for intending exhibitors to see them sold. No better lot has been sold for years.

THERE ARE 45 LOTS—36 FEMALES AND 9 BULLS.

Cheap rates on all railways for Dominion Day.

You can send your mail bids to George P. Bellows, Auctioneer.

Write for catalogue to:

Robert Miller, Stouffville, Ontario.

Say where you saw this advertisement.

Shorthorns and Shropshires SHORTHORN BULLS PRICED

Herd headed by Imp. Queen's Counsellor = 64218 = (96594). For sale: Three young bulls; also cows and heifers bred to Queen's Counsellor.

The Shropshires are yearling rams and ewes, bred from imported Buttar ram.

H. L. STEAD, Wilton Grove, Ont.

London, G. T. R., 6 miles; Westminster, P. M. R., 1 mile. Long-distance phone.

Red, two years old, from a good imported cow, price \$100.
Roan, thirteen months old, extra good, short-legged calf from one of my best cows, \$100.
Red and White, thirteen months old, out of Lady Madge, by Langford Eclipse, price \$75.
JOHN MILLER, BROUGHAM, ONTARIO.
CLAREMONT STATION, C. P. R.

7 Imported Scotch Shorthorn Bulls 7

Six imported bull calves from 9 to 14 months old, 3 reds and 3 roans. They are of such noted families as Clara, Jilt, Roan Lady, Butterfly, Claret and Broadhooks. One imp. bull 2 years old, red; a most valuable sire. One bull 11 months old, roan, from imp. sire and dam; promising for a show bull. Two bulls 12 months old, from imp. sire and dam; suitable for pure-bred or grade herd. Also females all ages. Write for catalogue. Prices reasonable. Farm ¼ mile from Burlington Junction station, G. T. R.

FRED. BARNETT, MANAGER.

J. F. MITCHELL, BURLINGTON, ONT.

Shorthorn Cows and Heifers.

I have Village Maids, Village Blossoms, English Ladys, Lancasters and Wimples for sale. Four with calves at foot, and one yearling heifer fit for any show-ring. One mile east of St. Mary's.

HUGH THOMSON, Box 556, ST. MARY'S, ONT.



Clover Dell Shorthorns

Having disposed of my recent offering of bulls, also several females, I have still young of both sexes for sale. Dual Purpose a specialty. L. A. WAKELY, BOLTON, ONT. Bolton station on C. P. R. within ½ mile of farm.

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If you need a Shorthorn bull we will ship one on approval, and if you are not suited you may ship him back. Write us for terms and conditions. Just two ready for service. Both Cruickshank Lavenders.

MAPLE SHADE FARM.

Long-distance telephone.

STATIONS: } MYRTLE, C. P. R.
BROOKLIN, G. T. R.

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Scotch Shorthorns Canada's greatest living sire, Milledred's Royal, heads my herd. For sale are young bulls and heifers, show stuff and Toronto winners, out of Stamford, Lady Ythan, Claret, Emeline, Matchless and Belona dams. A visit will be appreciated. GEO. GIER, Grand Valley P. O., Ont. Waldemer Sta., C. P. R.

JOHN GARDHOUSE & SONS
Always have for sale a number of first-class **Shorthorns, Shires and Lincolns**, of both sexes. Drop us a line, or better, come and see for yourself.
HIGHFIELD P.O., ONTARIO.
Weston Sta., G. T. R. & C. P. R. Long-distance phone in house.

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Or a Heifer, Or a Bull, Or a Few Shropshire Ewes, Or a Few Cotswold Ewes, NOW, While You Can Buy Them Low?

I can offer you something in any of them that will make a start second to none. Write for what you want.

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One 14 months' old imported bull, bred by A. M. Gordon. Good enough to head any herd. Five Canadian-bred bulls from 12 to 16 months. Will be priced very reasonable, as we do not want to run them over.

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For sale: 6 grand young bulls from ten to eighteen months old, young cows with calves at foot, and ten one and two-year-old heifers. All our own breeding. Some are very choice show animals. Also young sows, and a fine boar 12 months old. S. J. PEARSON, SON & CO., MEADOWVALE P. O. AND STATION, C. P. R.

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Our present offering consists of 10 young bulls, from 8 to 20 months. All nice reds and roans. A number of them from imp. sire and dam. Prices right.

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