



UNION STOCK - YARDS Horse Exchange

WEST TORONTO, CANADA.

The Greatest Wholesale and Retail Horse Commission Market.

Auction sales of Horses, Carriages, Harness, etc., every Monday and Wednesday. Horses and harness on hand for private sale every day.

The largest, best equipped and most sanitary stables in Canada. Half-mile of railway loading chutes at stable door. Quarter-mile open track for showing horses. Northwest trade a specialty. HERBERT SMITH, Manager. (Late Grand's Repository).

Clydesdale Studbook of Canada.

We will buy a few copies each of volumes 1, 8 and 12, or will give in exchange any of the following volumes: 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 16.

To complete sets we can supply to members volumes 2, 3, 4, 5, 6, 7, 9, 10 and 11 at \$1 each. Volumes 13, 14, 15 or 16 may be had for \$2 each. Address:

Accountant, National Live-stock Records, Ottawa, Canada.



I TAKE this opportunity to thank my many customers. In the past year I have sold 25 stallions, and every customer pleased. I am going at once to Europe, and intend bringing out something better than ever. Will have a large choice for intending purchasers, and will sell at right prices, and give you right good ones to choose from. I am very careful to select the right kind. Will not be able to attend the Toronto Exhibition. Wait and see my stock. Bolton is 28 miles from Toronto, on Owen Sound Branch, C. P. R. T. D. ELLIOTT, BOLTON, ONTARIO.

MR. A. J. HICKMAN

Court Lodge, Egerton, Kent, England

Exports pedigree live stock of every description to all parts of the world. During the fall months the export of horses of the light and heavy breeds will be a specialty. Write for prices, terms and references.

Aberdeen-Angus Cattle

For Sale: Cows, Heifers, Bulls.

Good strains at reasonable prices. Apply to:

Andrew Dinsmore, Manager, "Grape Grange" Farm, Clarksburg, Ont.

GRAND SHORTHORN STOCK BULL for sale (roan, 4 years), in prime condition. Sure stock-getter and quiet. Bred by A. J. Watt, Salem, Ontario. Jno. McArthur, Paisley, Ont., P.O. and Sta.

Please Mention Farmer's Advocate.

We are offering 5 Good Young Bulls at very reasonable prices in order to clear, also 2 VERY CHOICE JUNIOR YEARLINGS in SHOW CONDITION. We can sell some extra well bred cows and heifers (bred or with calves at foot) at prices which should interest intending purchasers. Our farms are quite close to Burlington Jct., G. T. R. Long-distance telephone. W. G. Pettit & Sons, Freeman, Ontario.

Scotch Shorthorns



Have yet for sale, two extra good bulls, imported, just ready for service; also one good roan Canadian-bred bull, grandson to Batton Chancellor, imp.; also a grand lot of heifers. Write or call on

H. J. Davis, Woodstock, Ont.

Long-distance Bell phone. C. P. R. & G. T. R.

When Writing Please Mention this Paper

SHORTHORNS

Belmar Parc.

Calves for sale by our grand quartette of breeding and show bulls: Nonpareil Archer, imp., Proud Gift, imp., Marigold Sailor, Nonpareil Eclipse. Females, imported and from imported stock, in calf to these bulls. An unsurpassed lot of yearling heifers. John Douglas, Manager. PETER WHITE, Pembroke, Ont.

SHORTHORNS, BERKSHIRES, COTSWOLDS.



In Shorthorns: 20 calves, also cows and heifers. A few young Berkshires; and a number of good lambs.

CHAS. E. BONNYCASTLE, STATION and P. O., CAMPBELLFORD, ONT.

Green Grove Shorthorns and Yorkshires My Scotch Shorthorn herd, among which are many valuable imp. cows, is headed by the A. T. Gordon-bred, Sittytown Butterfly bull, Benachie (imp.) - 69954-. Present offering: Three choice show bulls now fit for service; also Yorkshires four and five months old, of either sex. Geo. D. Fletcher, Binkham P. O., Ont. Erin shipping station, C. P. R.



VALLEY HOME SHORTHORNS AND BERKSHIRES

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.



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 1/2 mile of farm.

Lump Jaw

The first remedy to cure Lump Jaw was Fleming's Lump Jaw Cure and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in Fleming's Vest-Pocket Veterinary Adviser. Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy. FLEMING BROS., Chemists, 76 Church St., Toronto, Ontario

SHORTHORNS!

A few cows and heifers with calves at foot by Good Morning, imp. No bull to offer of breeding age. Office both stations.

SCOTT BROS., HIGHGATE, ONT. M. C. Ry P. M. Ry

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.

GLENGOW Shorthorns



Have two excellent bulls left yet, both about ten months old, and good enough for any herd; also a number of choice heifers, all ages. For particulars write to:

Wm. Smith, Columbus, Ont.

HIGH-CLASS SHORTHORNS

I have on hand young bulls and heifers of high-class show type, pure Scotch and Scotch topped, sired by that sire of champions, Mildred's Royal. If you want a show bull or heifer, write me. GEO. GIER, GRAND VALLEY P. O. AND STA., ALSO WALDEMAR STA.

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.

QUESTIONS AND ANSWERS. Miscellaneous.

CHANGING COLOR OF HAIR—GROWING FLAX.

1. Have heavy colt with four white feet and no white in its face. Is there anything I could blister it with that would make the hair come in white?

2. After what crop would you advise sowing flax? Would it do well on timothy sod? When would be the best time to plow the sod, this fall or next spring? G. L. N.

Ans.—1. We know of no treatment that would have the desired effect, and would not advise attempting it.

2. Many flax-growers prefer to sow flax after sod. Probably somewhat early fall plowing would be best.

TREATMENT FOR SMUT.

1. I am in need of information regarding the treatment of fall wheat in order to exterminate the smut, how to do it, and the amount of ingredients required for, say, 25 bushels?

2. Also, tell how to detect smut in a pile of wheat. P. C. Essex Co., Ont.

Ans.—1. Look up article on formaldehyde treatment in farm department, this issue.

2. Ball, or stinking smut, has a disagreeable, penetrating odor, and may be detected by smell, though only a small percentage be present. Otherwise, unless smut was so abundant as to discolor the grain, it would scarcely be possible to be sure of its presence without a microscopical examination.

BEST TIME TO PLANT TREES.

When is the best time to plant trees along the road, and how should it be done? A SUBSCRIBER.

Waterloo Co., Ont.

Ans.—The best time to plant trees, either on the roadside or anywhere else, is in the spring, about the first of May. If the ground where the tree is to be planted were dug over the previous season, it would be an advantage, but successful work can be done even in sod, by observing a few simple rules. First, make the hole large enough, both in width and depth. Then, in filling in the earth, have only the finest and darker portion in contact with the roots, sods and hard lumps being placed out of immediate reach, and, lastly, keep down the grass, either by hoeing or mulching, and put a guard around tree to keep winds or animals from swinging it.

CHERRIES FROM PITS—SALT FOR SOW THISTLE—WEIGHT OF YEARLING LAMBS.

1. Can cherries be successfully propagated, true to variety, from the stones?

2. What varieties would you recommend for Prince Edward County?

3. How thick must salt be put on sow thistle and bindweed to kill them?

4. About how much will Leicester lambs, dropped in April, weigh the following March, if well fed?

5. What is the average yield of a gooseberry bush? E. C. W. Prince Edward Co., Ont.

Ans.—1. No.

2. Montmorency, English Morello, and Windsor, are all good varieties, and would probably suit your locality. Consult your neighbors.

3. An inch would likely kill sow thistle, but it is doubtful if twice that amount would kill bindweed.

4. They ought to weigh 150 lbs.

5. A gooseberry bush has been known to yield two 11-quart baskets, but ten quarts would be a good average.

WILD OATS.

1. I have a field in ensilage corn this year which is very much infested with wild oats. I plowed in spring, did not plow last fall, so all the last year seed is plowed down this spring. I think all had come up this year that could germinate. Would it be wise to plow again next spring to get them to germinate, and then plant to corn again, to completely rid the field of the pest, or should I plow early in spring, and wait three weeks until the seed had sprung, then gang-plow and seed to alfalfa and clover?

2. Is it advisable to put corn next spring in clover sod?

3. Would it be best to sow sod in

fall, manure through winter, and how to cultivate in spring? It is also infested with wild oats, ox-eye daisy, and wild carrots. E. G.

Ans.—1. If you wish to sow the field to barley and clover next spring, why not leave the wild oats where they are and gang-plow early in spring, and again before sowing crop. The next time the field is plowed deeply, it could again be planted to corn and the wild oats attended to.

2. There is nothing better to precede corn than clover.

3. Would prefer to manure through the winter and plow, not too deeply, in spring.

UNTHRIFTY PIGS.

I have some shoats four or five months old that have been running in orchard. Some of them are scurvy on back and sides; feed them on milk and chop oats or barley, and some corn. Could you tell the cause and give a remedy. P. Z.

Ans.—If they are white pigs, the trouble may be due to sunburn, in which case oil or lard applied to soften the scales, and later a thorough washing with soap-suds would cleanse the skin. It may be due to impure blood, and it would be well in any case to give sulphur in their food, say a dessertspoonful to each, for four or five days.

FALL OR SPRING TRANSPLANTING—SUNFLOWER SEED FOR HENS.

1. We have a lot of old currant bushes which are in need of moving. When is the best time to move them?

2. Could we plant strawberry plants and raspberry bushes this fall, or would it be better to wait till spring?

3. Do sunflower heads make good feed for hens in winter? A READER. Middlesex Co., Ont.

Ans.—1. Currant bushes are hardy, and would stand transplanting either spring or fall. Would prefer spring.

2. Strawberry plants can be planted in August with fair success, and will bear fruit the next year if ground be well prepared. Spring would be the best time to transplant raspberries and, speaking generally, strawberries, also.

3. Very good indeed, if fed in conjunction with other foods.

REMEDY FOR FLIES ON COWS.

Would you kindly inform me, through your valuable paper, what will prevent flies from troubling cows? W. H. T.

Ans.—Different mixtures have been recommended. One, used at the Experimental Farm, Ottawa, is a mixture of ten parts lard and one of pine tar, well stirred together, and applied twice a week with a brush or a bit of cloth, to the parts most attacked.

Some applications, as fish oil, last quite as long, but the strong smell may affect the flavor of milk if used on dairy cows. The following mixture has been advised, and should be effective, though open to the same objection as the above as to odor. Fish oil, 1/2 gallon; coal oil, half pint; carbolic acid, 4 tablespoonfuls; mixed and applied to all parts of the cow, except the udder, once a week.

TRADE TOPICS.

A specific remedy for periodic ophthalmia, moon blindness, and other affections of the eye in horses, is advertised by the Visio Remedy Association, of Chicago, Ill., for which strong claims are made, and complimentary testimonials from parties who have used the remedy, are published.

A CANADIAN POTATO DIGGER.—A two-horse elevator potato digger, made in Canada, has been placed on the market by the Canadian Potato Machinery Company, of Galt, Ont., with which a two-horse team digs the crop, and does it well, is advertised in this paper by the Company named. This labor-saving device should be worth a trial where potatoes are grown on a large scale. Where smaller areas are grown, neighbors might join in the purchase of the machine, or a purchaser might soon pay for it by letting it to others, or doing the work at a paying rate.