

### QUESTIONS AND ANSWERS. Miscellaneous. MARE INJURED AT RAILWAY

CROSSING. I had a mare, with a colt five weeks old, pasturing beyond the railroad in the pasture field with the cows, and we use the side-road for a lane, and the boys were driving her and her colt up to the barn with the cows, and she started to cross the cattle-guards, and got her foot fast and broke her leg. She had to be killed. The guards are made of narrow boards, put in on the slant. Can I charge the company damages for my loss? She was about fifteen years old, and worth about \$100. The colt I am raising by hand, and will not be

nearly as good as raised on the mare. E. H. Ans.-The railway company cannot be

held responsible for your loss.

### CATTLE CHEW BONES.

Have a lot of cattle on a first-class pasture, and a stream running through it. Some bones are lying on the ground, which they pick up and com-mence to chew. There is no limestone here, just granite. Would you kindly say in your next issue if the land needs anything to stop their liking for bones? They have lots of salt. A. W. Ans .- This depraved appetite is supposed to be due to a lack of phosphates in the system, or some essential constituent in the feed. An application of bone meal or of acid phosphate to the land which grows the feed will sometimes prove beneficial. A balanced ration containing some bran and clover hay sometimes cures the habit. And mixing the salt with sifted hardwood ashes has been recommended as a means

#### CELLAR WALL AND CEMENT BLOCKS.

1. What thickness of wall and what proportion of gravel, sand and cement would you recommend for the cellar of a concrete-block house, 24x28x16 feet high; blocks 10 inches thick?

2. Would 1 to 5 of very coarse sand be suitable proportion for the blocks? 3. What is difference between lime, rock

cement, and Portland cement? H. S. Ans.-1. Twelve inches would be plenty thick enough, if the wall is properly constructed. Ten inches would suffice, so far as strength is concerned, but the thicker the wall, the better it will resist the frost. As to the proportions of cement, gravel and sand, there is no hard-andfast rule. It varies with the brand of cement, character of sand and gravel. and many other factors. Better to follow the instructions of the cement manufacturer. We suggest the following, however: One part first - class Portland cement, three parts clean, sharp sand, and 8 parts of clean, coarse 'gravel; or, one part of cement to ten parts clean, sharp gravel.



The Sunnyside Herefords.

To make room for my new importation, I will sell four over with heifer calves by side, two yearling heifers, one yearling bull and two bull calves at a 20% reduction if taken in the next 30 days The best of breeding and individ-hal merit. Herd is lieaded by Address: M.H.O'NELL, Southgate, Ont.



Cows, heifers and calves

#### For Sale.

R. J. PENHALL, Nober, Ont. FOREST VIEW FARM HEREFORDS Four bulls from 8 to 19 months old ; prinewin acrs and from prisewinning stock. Several helf ers bred on the same lines ; choice individuals for sale JOHN A. GOVENLOOK, Percet Sta. and P.G.

# Aberdeen - Angus Cattle

### FOR SALE

Young bulls, also females of various ages. Good, growthy, quick feeding animals, of excellent breeding and type. Come and see them or address: WM, ISOME, P. O. and G. T. R. Stn., Sebringville, Ont.

Aberdeen - Angus Cattle If you want anything in this line, write or come and see them at Elm Park, Guelph. James Bowman, Guelph, Ont.

## Shorthorns 🕆 Leicesters For sale: Young bulls and heifers by Imp. sires, and from grand milking cows. Leicesters

-A choice lot of shearling rams and e ves, also ram and ewe lambs of the finest type and breed ing. And a few extra good Berkshire boars. All for sale at reasonable prices.

W. A. Douglas

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In my stables intending purchasers will always fird a good selection of high-stepping harness horses, saddlers, etc. Just now I have a number on hand, also a few high-class Hackney mares; some with foal at foot. Noted prizewinners among them, and some rare good youngsters. MARKHAM STA.

H. J. Spencely, Boxgrove P. O.

LONG-DISTANCE 'PHONE

# W. C. KIDD, LISTOWEL, ONT.

### Importer 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 band. 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.

### RICHARDSON, SMITH Ľ COLUMBUS, ONT., have now on hand only the choice imported colts Dashing King, a 3-year-old, and Baron Columbus, a 2-year-old; also a couple of ratiling good Canadians, 7 and 3 years old.

Long-distance 'Phone. Myrtle Station, C. P. R. Brooklin or Oshawa, G. T. R.

Graham & Renfrew's **CLYDESDALES** and **HACKNEYS** 

Our Clydes now on hand are all prisewinners, their breeding is glit-edged. Our Hackneys, both stallions and marcs, are an exceedingly high-class lot. We also have a few high-steppers and carriage horses. Yonge Street cars pass the door every hour. 'Phone North 4488.

GRAHAM & RENFREW, BEDFORD PARK, ONT.

2. One part first-class Portla to five of clean, coarse sand should make a strong block.

3. See letter by Prof. R. Harcourt, in " Farm " department.

### CARE OF BROOD SOWS.

Could you give me any information regarding how to feed brood sows which are now within four weeks of farrowing? I intend showing these sows. They are very fleshy, and this is their first litter. They have been out on grass all summer and have been fed half bran, other half equal parts wheat and rye; nearly all they would eat, twice daily. Some advocate giving a dose of salts just before farrowing to cool the blood and prevent milk fever. What do you think about this? Also let me know how to feed after farrowing to get best results at fairs. Would these sows, being fleshy, be in any danger in farrowing? J. C.

Ans.-The treatment you are giving these sows, as far as exercise and pasture is considered, is ideal. The only danger is that the ration may be a little too strong. A little oat chop, with less of the wheat and rye, would be an improvement. We would not advise dosing, as the grass and bran should be sufficient to keep the bowels relaxed, and dosing is dangerous in the case of sows in their condition. There is very little danger of difficulty in farrowing in the case of sows in high flesh when they have exercise and are grazing.



SCOTCH SHORTHORNS For sale: 7 young bulls, also my stock bull, Royal Prince =31241 = (roan), sire of the two noted females. Fair Queen and Queen Ideal, World's Fair champion. H. K. FAIRBAIRN. Thedford, Ont.

High-class Shorthorns Royal Chief, a son of Mildred's Royal, at head of herd. We are offering a few choice heifers of show-ring form. Pure Scot h. Terms reasonable. A. DUNCAN & SONS. Carluke, Ont.

Young Shorthorn Bulls ! Am now offering 3 grand ones from Scottish. Peer (imp). Will make show animals. A few Berkshire boar pigs 3 months old. Also Leicester sheep. JAS. SNELL, Clinton, Ont.

Maple Leaf Shorthorms Chancellor's Model now heads the herd. which contains Crimson Flower, Lady Fanny, Miss Ramsden, Boremary, Matchless, Diamond, and Imp. Bessie Wenlock. Now offering a lot of choice calves, both sexes. israel Groff Alma Tat.

MAPLE HILL STOCK FARM-Hightwo class Socton Shorthorms. Herd headed by Bose Victor = 64885 = and Victor of Maple Hill = 65480 =, both sons of the Duthie-bred bull, Sittyton Victor (imp.) = 50008 =, and from richly-bred imported cows. W. R. Elilott & Sons, Box 428, Suelph.

FUJI MICRO SAFETY -Ν

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