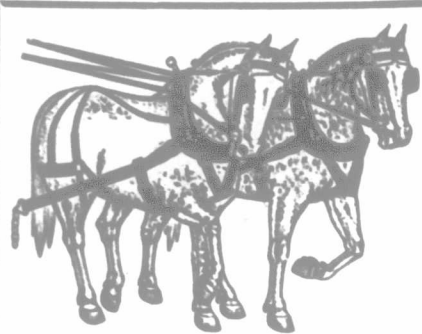




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Bulls of serviceable age and females not akin.

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Rams and ewes. Heifers in calf to Queen's Edward, 1st prize, Indiana State Fair.

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Get high-class Angus bull and breed the champion steers. I have showing quality bulls from 10 to 24 months of age; also choice 1 and 3-year-old heifers. T. B. BROADFOOT, FERGUS, ONT.

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For Sale:—2 hours 8 and 12 months old; several boars a d sows 2 to 6 months old. Young sows bred and 2 show sows 2 years old, safe in farrow. All descendants of Colwill's choice, champion at Toronto Industrial 3 years in succession, and Imp. Cholderton Golden Secret. Long-distance Phone, A. A. Colwill, Prop., R. R. No. 2, Newcastle, Ont.

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A few females for sale sired by a son of Clansman, 87809. Apply to:

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Questions and Answers.

Miscellaneous.

Automobile Lens.

Was the law passed compelling owners of automobiles to change the lens so that the light would not shine over a certain distance above the ground and not be dizzy? Will a man be liable if he drives his car without having the lenses changed? G. E. R.

Ans.—We understand that an Act was passed compelling the change of lens so as to avoid the strong light. A man is liable if he does not comply with the rules in the Act.

Fall Pasture.

I have a field seeded to grass that is very bad with thistles. We intend to plow the field in June. What crop would you advise sowing for fall pasture for cattle, horses and sheep? We thought of sowing rape. Would there be danger of the cattle bloating if they were not used to it? Would thousand-headed kale be satisfactory? What quantity do you sow per acre? F. R.

Ans.—Rape would make as satisfactory fall pasture as anything you could sow. It can be sown early in July and will give an abundance of feed in September. It is not particularly good feed for horses, but is excellent for cattle, sheep and swine. Care should be taken when turning the stock on to rape, but once they are used to it there is little danger of bloating. It is well to have another field near by for them to run on, and salt should be available. Kale gives very good yields. If rape is sown in rows, 2½ to 3 lbs. per acre will be sufficient; if sown broadcast, more than double that quantity would be required.

Rack Lifter.

My father wishes to install a rack-lifter in our barn. The width between the beams on which it is to be built is about 16 feet. The lifter is to be stationary. We use a 16-foot rack. Kindly give some information regarding the installing of same. What safety devices are necessary? J. H. S.

Ans.—If installing a rack-lifter yourself, we would advise you to visit some farm where the rack-lifter is used so as to get some idea of the way it is put up. It is necessary to have a windlass for each end of the wagon, resting on a timber well up in the barn. This may be on a beam, if high enough, and the same fixed so that the windlass will run fairly smoothly. As a rule large wooden wheels with solid dogs are used to run the rope on to turn the windlass. It is essential that these dogs be solid and that the catch drops into place very readily so as to hold the load when it is drawn to the proper height, or to hold it should a rope break. It is necessary to have strong ropes as there is a heavy strain in raising the entire load. The two windlasses would rest directly over the ends of the wagon and the ropes to raise the wagon would be attached to each end of the sill by means of a hook and link.

Splicing a Rope.

How can a rope be spliced so that it will run through the pulleys?

2. How long after a cow freshens should it be until she is milked? Some people advise twelve hours. W. T. V.

Ans.—1. There are different ways of splicing a rope, and if care is taken there should be little difficulty in doing the work so that the splice will run through the pulleys quite smoothly. One method is to unwind each strand for a distance of about 3 feet, fit each end of the rope together, and then work one strand over the other. In order to avoid a largeness at the splice, each strand may be made a little smaller by cutting out a few of the fibres. Another method is to unwind about the same distance, take two strands and tie them so that the unwound part of both ropes meet, then unwind one strand and wind the other into its place for a distance of 1½ or 2 feet, and then work the end in as above mentioned. This is done with each strand. In this way the strand of one end takes the place of a strand in the other, and vice versa. This makes a very neat splice and a particularly strong one.

2. A cow that is a heavy milker should not be milked out dry for a day or day and a half. It is best to follow nature as closely as possible. A little may be stripped out of the udder frequently, but to entirely empty the udder might cause milk fever to develop.



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I still have some Shorthorn bulls, twelve and thirteen months old. Two grand-sons of Old Sort, and four great-grandsons of Royal Blood; these are an exceptionally fine lot; also a number of females. Inspection invited. Apply to

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ROSEWOOD CHAMPION, by Nonpareil Archer, Imp., at the head of the herd. I have almost 100 Shorthorns in my stables at present. Many of these are Campbell-bred Claretts, Nonpareils, Minas, Rose-mays, etc.—the best of breeding and the best of cattle; bulls or females; also have a few Herefords.

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