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measure up to every requirement. They are as sturdy as a skyscraper. They have no cross-beams to hinder unloading or mowing away. They are fire and lightning-proof. They have metal-clad, roller doors, lift roof-lights, sliding side windows and "Acorn" ventilators. The cost will compare favorably with a wood frame barn.

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Let us start you in a business that will make you from \$15 to \$50 a day when farm work is slack. Other men have done it for years with an **Improved Powers Combined Well Boring and Drilling Machine**. Same rig bores through any soil at rate of 100 ft. in 10 hours, and drills through rock. One team hauls and operates machine. Engine power if wanted. Easy to operate—no experts needed. Small investment; easy terms. Make machine pay for itself in a few weeks work. There is a big demand for wells to water stock and for irrigation. Write for free illustrated circulars showing different styles. **Lisle Manufacturing Co.** Box 972 Clarinda, Iowa

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Ship your cream to us. We pay all express charges. We supply cans. We remit weekly. We guarantee highest market price.

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18 HOLSTEIN BULLS FOR SALE

Eleven months and under. Also 1 cow; 8 heifers, freshening from March till September, from tested and untested dams.

R. M. HOLTBY, PORT PERRY, ONT. R. 4

Questions and Answers. Miscellaneous.

Book on Angus Cattle.

I noticed in your columns some time ago a book entitled "History of Angus Cattle," by Sinclair, offered as a premium for a number of subscriptions. What are the leading features of this book, and what is the cash price? G. C.

Ans.—The price of this book, postpaid, through this office is \$5.50. The book discusses fully the origin and history of the breed, describes leading animals in the Old Country and in Canada, and gives general information regarding Angus cattle.

Binding a Bargain.

1. A buys a pair of oxen from my son at so much per pound and pays \$5.00 down. Does paying \$5.00 on a \$200.00 bargain make it legal?

2. Is it advisable to continue feeding turnips to a cow due to freshen? R. McK.

Ans.—1. The bargain would be considered legal.

2. Turnips are a succulent feed and are good for pregnant animals.

Lump on Jaw.

I have a cow with a lump on the right side of her jaw. It came on about two weeks ago, and is very hard. It does not appear to interfere with her eating. Is there any remedy? W. H.

Ans.—The lump may be caused by an injury or a bad tooth. However, if from the latter it no doubt would interfere with mastication. If the lump is not attached to the bone it may be dissected out and the wound carefully dressed. The treatment to arrest lump jaw is to give iodide of potassium three times daily. Commence with one-dram doses, and increase the dose by one-half dram daily until the animal refuses food and water, fluid runs from eyes and mouth and the skin becomes scruffy. When any of these symptoms become marked cease giving the drug. If necessary repeat treatment in three months.

Veterinary.

Unthrifty Mare.

1. We bought a lousy mare. We clipped her and washed with dip without results.

2. She swelled in right hind leg up to hip. Then she sometimes would tremble, then lie down, stretch and groan. Get up and paw, or sit on haunches. We treated her successfully, but after a week or so she had another attack.

3. How do horses that are troubled with bots act?

4. Are wood ashes good for horses?

5. Has she kidney trouble?

6. She has an abscess on the elbow and another below her shoulder. R. F. Q.

Ans.—1. Give her a thorough washing with a warm, 5-per-cent. solution of one of the coal-tar antiseptics every 10 days until fresh lice cease to hatch out.

2. The swelling was due to standing without exercise for a day or two. Some horses are subject to this (it is called lymphangitis). The painful symptoms were due to indigestion. Have her teeth dressed by a veterinarian, as while she eats sufficient food it is probable that she does not masticate properly. Purge her with 8 drams aloes and 2 drams ginger, and follow up with a heaped tablespoonful, three times daily, of equal parts powdered sulphate of iron, gentian, ginger, nuxvomica and bicarbonate of soda. Feed a reasonable quantity of good hay and rolled oats. Give a couple of carrots or a turnip daily, and twice weekly give a feed of dampened bran. Give regular exercise or light work.

3. Bots do not trouble horses except where there are large numbers which let go of the stomach at once, form a ball and occlude the passage out of the stomach. Then death occurs in a few hours, despite treatment.

4. Some claim they are effective in case the horse has worms.

5. The symptoms do not indicate kidney trouble.

6. Make a free opening with a sharp knife and then flush out the cavities three times daily until healed with a 5 per-cent. solution of carbolic acid. V.



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KING SEGIS PONTIAC POSCH

SENIOR SIRE IN SERVICE AT MANOR FARM

Sire King Segis Pontiac Alcartra (the \$50,000 Sire)

Dam Fairmont Netherland Posch (32.59 lbs. at 4 yrs. old)



You know Manor Farm has a real reputation for cattle dealings.

Now, Mr. Breeder, no matter where you live, if you are in the market for a young sire of choice breeding to head your herd, just let me hear from you.

I can take care of your needs, whether you want a high- or low-priced fellow.

Now is a good time to buy.

GORDON S. GOODERHAM
CLARKSON, ONT.

Sixty Head of Pure-bred HOLSTEINS

In a complete dispersion sale THE ENTIRE PLEASANT RIDGE HERD will be sold at the farm, near BRIGHT, ONT.

Wednesday, March 21st, 1917

Owing to illness, which has compelled the senior member of our firm to spend most of the last six months in the hospital at Woodstock, we have decided to disperse our entire herd by public auction on the above-mentioned date. We have only five cows in our herd above four years of age. Eight of these have qualified in the R. O. P. in their two-year-old form with records from 9,500 to 13,879 lbs. Our mature cows run as high as 14,470 lbs. for the year, and over 25 lbs. of butter in the R. O. M. There are daughters of King Lyons Hengerveld, King Lyons Colantha, Correct Change, and other noted sires. The 1916 and 1917 calves are all by Correct Change. There are several young bulls among these, and these are the best lot we ever had. Their sire is also included in the sale. Look up his breeding before you come. In writing for catalogues, write your name plainly and mention this paper.

Terms: Cash; or 6 months' credit will be given on bankable paper, with interest at 7% per annum.

Trains.—All G. T. R. trains will be met at New Hamburg and Ratho Stations on day of sale. C. P. R. connections with east and west can be made on morning and evening of sale with G. T. R. at Drumbo.

(Moore & Dean, Auctioneers)

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May Sylvia Pontiac Cornucopia

"The most perfectly bred bull of the breed," and a perfect individual. Sire, Spring Farm Pontiac Cornucopia, a son of the 44.18-lb. cow, K. P. Pontiac Lass. Dam, May Echo Pontiac, a daughter of the great May Echo Sylvia, champion milk cow of the world. The butter records of his two grandams average 42.59 lbs. in seven days, and 170.5 lbs. in thirty days, being also another world's record.

Apply early, as only a number of approved cows will be accepted. Terms, a matter of arrangement.

Owners—W. F. Elliott, A. J. Camplin, C. R. Dyke, L. M. Kennedy, G. Brownsberger.

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175 head to choose from. We have on hand at present about 20 young bulls. Visitors always welcome.

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The home of Canada's greatest producing Jersey SUNBEAM OF EDGELEY, the Sweepstakes Dairy Cow at the recent Guelph test; is also the champion your herd? We have them. Would a grandson or a great-grandson of this famous cow improve your herd? Write for particulars.

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