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If you want **HEREFORD** blood in feeders that will graze you must have with the best. Shetlands, White Leghorns and choice young Berkshire Boars for sale. JAS. BRAY, Portage la Prairie

**INSTANT COLIC CURE**  
For Colic, Inflammation or Scouring in Horses or Cattle.  
GUARANTEED to relieve the worst cases in from 2 to 5 MINUTES.  
\$1 per bottle, or 6 bottles for \$5 prepaid.  
OLEMENT'S Drug Store, BRANDON

**CLYDESDALES HACKNEYS**  
Some fine Stallions and Mares for Sale  
Signal success throughout B. C.  
Enquiries invited  
Thos. Meroer, Markdale, Ont.

**SHORTHORNS**  
Ranchers and farmers need the reds, whites and roans, if you wish to breed the best and most profitable cattle. Can supply you with tip-top stuff. Am offering one three-year-old, six two-year-old and six yearling Shorthorn Bulls; also ten Cows and Heifers.  
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**The Shorthorn Herd**  
of Poplar Park Farm  
is now headed by Marquis of Marygold, the senior champion bull at Brandon, Regina and Calgary this season. Some good young bulls and heifers for sale.  
W. H. English & Sons, Harding, Man.

**MAPLE SHADE**  
**SHORTHORNS SHROPSHIRE**  
One yearling "Lavender" bull for sale  
Younger bulls growing  
All shearing rams and ewes sold  
Will sell a few good ram lambs  
JOHN DRYDEN & SON  
Locations: Brooklin, G.T.R.      Myrtle, C.P.R.      Brooklin, Ont.

**Bellevue Herd of Yorkshires**  
FOR SALE at present, the champion boar (1906) "Cherry Grove Leader," winner of first prize at Winnipeg and Brandon Fairs 1907. "Prince II," champion boar at Brandon 1907. Both these boars got by the champion boar "Summer Hill Oak 17th," at Winnipeg 1905 and Brandon 1906-8. What better record do you want? Boars and sows, all ages, at reasonable prices. Order early if you want any. The best herd west of the Lakes in Yorkshire and Tamworth Swine.  
OLIVER KING, WAWANESA, MAN.

**Brampton Jerseys**  
Select your stock bull or family cow from Canada's most famous and largest Jersey herd.  
B. H. BULL & SON  
Brampton, Canada.

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By special arrangement with the publishers of the Overseas Edition of the London Daily Mail we are able to make this special offer:  
The Farmer's Advocate one year..... \$1.50  
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You should keep in touch with the Homeland and read the best agricultural literature. This is easily done by this special low priced offer.  
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**Shorthorns, Yorkshires Berkshires**  
If taken now we will sell bulls and heifers of all ages at prices to correspond with the present times. We have ten Yorkshire boars and several sows also for sale. In Berkshires we have three excellent yearling sows. All sows will be bred to the best of boars if the purchaser desires. Write for prices and terms. WALTER JAMES & SONS, Rosser, Man.

**RAW FURS**  
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Write to us for our Latest Price List  
We want thousands of Furs; small and large shipments given the same liberal assortment and high prices. We pay all express charges.  
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HARDING, Man.  
**RED POLLED CATTLE**  
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**Shorthorns** 3 Young Bulls  
20 one and two-yr. Heifers  
**Clydesdales** 4 grand young studs  
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HERD OF  
**ABERDEEN-ANGUS CATTLE**  
All the best families represented.  
Some fine young bulls for sale from both imported and home bred cows. Prices reasonable.  
S. MARTIN, Rounthwaite, Man.

**"GORED BY A BULL"**  
Many a farmer has been seriously injured by vicious cattle. Don't run risks. Defend yours with the KEystone DEHORNER.  
Quick—easy—humane—makes clean, sharp cut from 4 sides. Costs little. Write for free booklet.  
R. H. McKENNA  
219 Robert St., Toronto      Late of Picton, Ont.

consented to send each reader of the Farmer's Advocate a free copy of this book, provided a request is sent for same before the present issue is exhausted. See announcement on page 1917.

**THE USE OF STOCK FOODS IN FEEDING.**  
Feeders of live stock find the addition of a little stock food to the regular ration they are using increases the nutritive value of the food. A stock food is not of itself a feeding stuff and it should not be used as such. What it is recommended to do is to maintain the animal in a healthy thriving condition, in such condition that it will consume large quantities of food and derive the greatest possible benefit from such consumption. Stock foods are useful, therefore, as a tonic and condiment. They are particularly valuable in the winter feeding of live stock, both horses and cattle, because stock at this season being largely indoor fed, and subsisting on dry, often indigestible fodder, oftentimes do not get sufficient outdoor exercise for their needs, and the nature of the food they are consuming is such that unless the stomach and digestive organs are stimulated up to top notch, the animal becomes unthrifty and will be unable to derive from its food the maximum nutrients which it contains. Hence arises the necessity of using some good stock tonic. Among the various stock foods on the market, none can be more warmly recommended than the old reliable Dr. Hess. Dr. Hess Stock Food is compounded on correct scientific principles. It is sold everywhere at a reasonable price. The company send free a 96-page Veterinary Book. It is well worth writing for.

## GOSSIP

### EARLY IMPORTATIONS OF CLYDESDALES.

It was about the years 1840 to 1850 when the first importations of Clydesdales to Canada were made, only an occasional stallion for the improvement of the horse stock of the country being brought out at that early date. Amongst the first of which we find a record was Grey Clyde (170), a gray horse foaled in 1837, bred in Cumberland, and imported in 1842 by Archibald Ward, of Markham, Ontario. He proved a very prepotent sire, as may be judged from the fact that, at the Provincial Exhibition held in Toronto in 1852, ten of his sons—all grays, and nearly all full-grown—were paraded in the show-ring, headed by the old horse. All of the pedigree of Grey Clyde on record is that he was sired by Young Clyde (949), and that his dam, Clyde Mare, was by Sticher (831). But even this appearing on record fifty years ago, makes no discreditable showing, as compared with some which are being recorded in the present century. Cumberland, a bay horse, bred at Carlyle, Scotland, sired by Glenelg (357), dam by Bay Wallace (572), was imported in 1840 by David Rountree, of Weston, Ont., and made a good record as a sire of heavy horses when crossed on the common mares of the country. Sis William Wallace, a brown horse, foaled in 1850, and imported in 1854 by John Sanderson, of Markham, was a prizewinner at provincial exhibitions, and left a numerous progeny of smooth, wide mares which made extra good breeders. Loudoun Tom (127), a bay horse, foaled in 1850, bred at Annan, Scotland, and imported in 1860 by Joseph Thompson, Columbus, near Whitby, sired by Lothian Tom (506), dam by Lord Byron (473), was probably the first importation of the veteran horseman whose friends all called him "Joe," and who had hard luck in his following ventures, losing three horses in succession, owing to the long and tedious voyages incident to shipping by sailing vessel, coming home each time with only a bridle and a blanket to show for his money and his enterprise—an experience which well might bankrupt him, but his friends rallied round him and helped to give him another chance, agreeing to take chances for a return by breeding his

his next horse, which venture was a signal success, his purchase this time, in 1864, being the famous Netherby (126), a bay horse, foaled in 1862, bred by Isaac Fawkes, Annan, Dumfriesshire, and sired by Mosstrooper (548), dam by Lord Byron (473).

Netherby was a leggy, high-headed horse, as far from the present ideal Clydesdale type as could well be imagined, but he proved the most prolific sire of high-selling horses ever known in this country. Almost incredible stories are told of his record as a foal-getter, the tallest of which we find on record being that he was mated with 365 mares in one year, leaving 250 foals.

Western Canada is not the only portion of North America in which farmers and shippers suffer inconvenience, hardship and loss through failure of railroad companies to deliver cars at the place and time agreed. From evidence given before the Chicago Live Stock Exchange and American National Live Stock Association, preliminary to laying a list of grievances before the railways, the fact was disclosed that railway companies are not giving live stock shipments as rapid runs from the shipping point to their destination as they formerly did before Congress granted the privilege of cattle remaining in the cars for thirty-six instead of twenty-eight hours. Shippers claim the railways simply consume this additional eight hours in making the run.

As an example of the manner in which the American protective tariff protects the farmer, the importation and reshipping of Siberian butter is a good one. American buyers purchase Asiatic butter in London, ship it to New York; pay an import duty of 6 cents per pound; repack it in a form suited to the tropical trade, and send it down into the equatorial countries, where it undersells American home-produced cow grease. These people are simply taking advantage of a clause in the tariff law which permits a refund of the duty collected on any material brought into the country when that material, or the articles produced from it goes again into the export trade.

The following is a method for determining the age of cattle by their teeth.  
Twelve months—An animal of this age shall have all of its milk (canine) teeth in place.  
Fifteen months—At this age, center pair of incisor milk teeth may be replaced by center pair of permanent incisor (pinchers), the latter teeth being through the gums but not yet in wear.  
Eighteen months—The middle pair of permanent incisors at this age should be fully up in wear, but next pair (first intermediate) not yet out through the gums.  
Twenty-four months—The mouth at this age will show two middle permanent (broad) incisors fully up and in wear, and next pair (first intermediate) well up but not in wear.  
Thirty months—The mouth at this age may show six broad permanent incisors, the middle of the first intermediate pairs fully up and in wear and the next pair (second intermediate) well up but not in wear.  
Thirty-six months—Three pairs of broad teeth should be fully up and in wear, and the corner milk teeth may be shed or shedding with the corner permanent teeth just appearing through the gums.  
Thirty-nine months—Three pairs of broad teeth will be fully up and in wear and the corner teeth (incisors) through the gums but not in wear.

### MANITOBA'S AGRICULTURAL DEVELOPMENT.

"Agriculture," says a Chinese philosopher, "is the root of the tree of national prosperity, commerce and industries are but its leaves and branches." Anyone who casts about to discover the cause of the unbounded prosperity with which this western country has been blessed during the past decade, must come quickly to a realization of the fact that the apothegm of the old sage holds here equally as it was the truth of the country to which it is applied. Agriculture is the basis of