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*Omnium rerum, ex quibus aliquid acquiritur, nihil est agriculturæ melius, nihil uberius, nihil homine libero dignius.—Cicero: de Officiis, lib. I, cap. 42.*

VOL. IV.

HALIFAX, N. S., MAY, 1880.

No. 5.

OUR correspondent, CLOVERDALE, calls attention to a subject of really practical importance to farmers,—the propriety of establishing markets for sale of live stock. Markets such as he speaks of <sup>stock raising is to</sup> be carried on effectually. In Britain and Canada, such country fairs or markets, held at stated times, at given points, have grown out of the necessities of the trade. Active cattle feeders, exporters and butchers cannot afford to waste their time visiting every man's barn.

*Editor Agricultural Journal:*

SIR,—The success which has attended the recent ventures in the export of cattle to Britain, has no doubt caused much encouragement to the farmers of Nova Scotia, and the production of good, heavy beef will likely become with us a more decided object in consequence. My present purpose in writing is respectfully to suggest to the public some improvement in the method of transacting business in cattle, between parties who raise cattle to sell without fattening, and those who buy them to fatten for exportation; and those two classes of farmers are quite distinct in this country, as in England and Scotland. Until now, our trade in fat cattle has been so limited and uncertain that the whole method of dealing has been rather left to adventitious speculation. It is true, that certain parts of this Province are comparatively more favorable to the fattening of cattle than to raising them, as Kings and

Annapolis Counties; other parts, again, as Stewiacke and Musquodoboit, and districts further to the eastward, are better for light grazing than any other kind of farming, and are, therefore, more favorable than elsewhere, for raising of cattle on foot from east to west in Nova Scotia. I believe there are annual fairs in North Colchester, whereby the farmers who grow hay and potatoes in Cumberland, can know where and when to buy their stock, grown further east; but for all the numerous droves that move annually from east to west across the Shubenacadie canal, there is neither locality nor name of a market; and every one knows that, in consequence of this, the farmers on both sides lose immensely through intermediate traders, who are well enough in their way, but whose occupation would be found of much less use or benefit to the farmer, if the first seller and ultimate buyer knew of some established time and place of meeting, and all parties could transact *their own* business speedily and satisfactorily. Now, nearly all the cattle droves from South Colchester and Pictou, northern Halifax and Antigonish and Guysborough counties, bring up at Stewiacke station, and it is certainly true to say, that of all the cattle driven thither, their condition cannot be at all bettered by any further driving, and they have arrived at a station where they might be taken on railroad trains for the westward, or, if driven as much farther as to Newport station on the western line, they could then be taken up for any western point.

According to these premises, then, the conclusion seems natural that AN ANNUAL CATTLE FAIR might, could, or should be established at Stewiacke station, on the Intercolonial Railroad. And, in order to ~~more~~ <sup>bring this</sup> end, it would seem that resolve on the part of farmers east and west, which might be carried into effect through means of Agricultural Societies. Surely the matter is worth consideration.

CLOVERDALE.

WE have had several inquiries lately as to the best mode of keeping and using bulls in Societies, so as to make the bulls self-supporting. Very much depends upon local circumstances. Where a good bull is well located in a populous settlement, the fees for service should be sufficient to cover expense of keep. Sometimes, however, from a variety of causes, bulls are not patronized, and the Society loses by them. Such accidents cannot be avoided. The Board, believes, however, that the fees for service should be so regulated as to cover, as far as possible, the expense of keep, the Society's funds being reserved for purchase of new stock.

THE *Plain Dealer* is a new weekly paper published in New Glasgow, which promises to give valuable aid in promoting agricultural education and improvement. A sensible article on the improvement of exhausted soils we will reprint for the benefit of our readers next month.

WE are indebted to the courtesy of the Honorable W. Ross, Collector of Customs, for the following Order in Council :

GOVERNMENT HOUSE, OTTAWA, }  
Friday, 23rd day of April, 1880. }

PRESENT :

His Excellency the Governor General in Council.

Whereas contagious diseases affecting cattle and other animals prevail in many countries, and it is expedient, in order to prevent the introduction of the same into Canada, that the importation, introduction, and transit through Canada of neat cattle and swine, be subjected to restriction by judicious regulations,— and whereas it is expedient to provide against the importation, transit and shipment of diseased cattle and swine for exportation,—

On the recommendation of the Honorable the Minister of Agriculture, and under the provisions of the Act passed in the session of the Parliament of Canada, held in the 42nd year of Her Majesty's Reign, chapter 23, and intitled "An Act to provide "against infectious or contagious diseases affecting "animals,"— His Excellency, by and with the advice of the Queen's Privy Council for Canada, has been pleased to make the following Regulations and Orders, as follows :—

*Preliminary.*

1. This order shall take effect from and immediately after the twenty-first day of April, one thousand eight hundred and eighty.

2. This order may be cited as the Health of Animals Order, and is divided as follow :—

Part I.—*Prohibition.*

Part II.—*Quarantine.*

Part III.—*Transit of Animals in Bond.*

Part IV.—*Conveyance and Shipment of Animals.*

*PART. I.—Prohibition.*

3. It is hereby ordered that the importation or introduction into the Provinces of

Ontario,  
Quebec,  
New Brunswick,  
Nova Scotia and  
Prince Edward Island,

of neat cattle and swine from the United States of America, be and the same is hereby prohibited, except in so far and in the manner hereinafter provided, by paragraphs 14 to 19 inclusive of this Order; and the importation and introduction of animals from Europe is prohibited, except at the Ports of Halifax, St. John, N. B., and Quebec, as provided and regulated in the following paragraphs of Part II.

*PART II.—Quarantine.*

4. The importation into the Provinces of Nova Scotia, Prince Edward Island, New Brunswick and Quebec, of live cattle, sheep and swine, coming from Europe, shall be prohibited, except at the Ports of Halifax, St. John, N. B., and Quebec.

5. All cattle, sheep, and swine arriving in Canada through either of the said Ports of Halifax, St. John or Quebec shall be subject to inspection at those ports by officers who may from time to time be appointed for that purpose.

6. All neat cattle coming from Europe shall be subject, on entering the Ports of Quebec, Halifax, and St. John, to a probationary quarantine of ninety days before being allowed to come in contact with Canadian cattle or to be exported to any other country, and shall not leave such quarantine until duly discharged therefrom by the Quarantine Officer.

7. All sheep and swine arriving in Canada through the said Ports of Quebec, Halifax and St. John, N. B., may, in the discretion of any Quarantine Officer, either be permitted to enter or be detained in quarantine, at such place and in such manner as shall be directed by the Quarantine Officer, until duly discharged therefrom.

8. The Inspecting Officers shall visit the boats, ships, vessels, cars or vans, and the cattle, sheep and swine coming into the said ports, and superintend the land-placed and disposed of according to the requirements of the case, and see that they be conveyed to the grounds assigned for quarantine, and shall also superintend the landing and disposal of fodder, litter, blankets, troughs and other objects which may have been used by or for the said animals in transit to Canada either on board ships or cars.

The quarantine stations and grounds at the several places above mentioned shall be established by, and be managed under regulations made and established by the Minister of Agriculture.

9. The animals thus subjected to quarantine shall be treated and dealt with under the direction of the Inspecting Officer, and the articles used in connection with the said animals, shall be in like manner employed in their care and maintenance, under the same direction and supervision.

10. Should it be found necessary to destroy any of the said animals, or all or any portion of the articles used in the care of the said animals, such destruction shall take place under the orders and supervision of the superintending officer, and in the manner prescribed by him, but not unless permission to that effect has been previously given by the Minister of Agriculture.

11. The Officers appointed to carry out the law and the foregoing Regulations, shall have free access to any boat, ship, vessel, car, van, or to any place, where cattle, sheep or swine may be found, in order to inspect the same, and under instructions from the Minister of Agriculture, deal with infected animals and the articles employed in their service, in the manner contemplated by the Act, under the penalties prescribed thereby against any person contravening any of the provisions thereof, or of any Regulations made thereunder.

The said Inspectors or Officers may, if it be deemed necessary, order the cleansing and purifying of any infected place, vehicle, or other article so inspected, and direct such precautionary measures to be taken, as may by him or them be considered advisable, pending the decision of the Minister of Agriculture as to the ultimate disposal of such vehicle or other article.

12. The expense of feeding, attending to, and of providing for any cattle, sheep or swine detained in quarantine shall be borne by the owner thereof, with the exception of that for the use of grounds and shelters; and such cost, if incurred by the Inspector of Quarantine shall be paid before the animals are permitted to leave the quarantine, and in case of refusal or neglect to pay the same, the Inspector shall, on being so ordered by the Minister of Agriculture, cause the same to be paid.

13. The Quarantine shall be under the care and subject to the orders of the Officers appointed for that purpose, who shall have the general superintendence of the servants or other persons, and of all other matters connected therewith.

*PART III.—Transit of Animals in Bond.*

14. American cattle and swine, the importation and introduction of which are prohibited as ordered by Part I, paragraph 3, may nevertheless be permitted to enter Canada in bond, at the Ports of Sarnia, Windsor and Amherstburg, to be conveyed, under surveillance and strict rules of isolation, through Canada and territory to the American frontier at Rouse's Point, St. Armand Station, Island Pond, the Suspension Bridge (Niagara) and the International Bridge (Fort Erie); but no such transit shall be allowed, unless an agreement between the Minister of Agriculture and the Railway Company interested in, and conducting such transit has been communicated to the Collector of Customs of each of the said ports or stations.

15. The transit of cattle and swine between the points mentioned in the next preceding paragraph, shall be subject to such rules and regulations as the Minister

of Agriculture shall prescribe and in accordance with the arrangements which may be made between the said Minister and the Grand Trunk, the Great Western and the Canada Southern Railway Companies, for the proper carrying out of the present order, and the necessary measures to save the live stock of Canada from the dangers of contagion and infection.

16. Amongst other things, these arrangements of the Minister of Agriculture shall provide ;

(a) that an inspection of the said cattle and swine shall be made before they are admitted in transit, permission for which transit shall only be given on a certificate or Clean Bill of Health from the Inspector, he being a veterinary surgeon appointed by the said Minister ;

(b) that each train carrying American cattle or swine or both, from frontier to frontier in bond, shall be accompanied by one of the staff of guardians also to be appointed by the said Minister ;

(c) that the cars and trucks employed for such traffic be specially and exclusively devoted to such purpose ;

(d) that no Canadian animals shall be carried at any time in the same train in company with, nor in close proximity to American cattle or swine, and that no car or truck employed in the American cattle and swine transport, shall be used

any train engaged in the said transit passing through Canadian territory.

(f) that due precautions be taken to retain in the cars or trucks and disinfect if need be the droppings of cattle and swine thus carried in transit.

(g) that no such cattle or swine, nor their carcasses in case of death occurring (unless immediately buried under directions of the proper guardian) nor parts thereof, not articles having been employed about them, be permitted to remain in Canada nor to come in contact with any person or persons, other than those engaged on the train, or thing whilst thus undergoing the said transit.

17. Inasmuch as it is of absolute necessity, owing to the length of the trip, on the Grand Trunk Railway, to provide for a place where American cattle and swine, can be fed, watered and rested, it is ordered that the said resting place shall be established at the station of Lyn, in the Province of Ontario, where a double, isolated enclosure shall be provided by the Railway Company, selected, established and fitted to the satisfaction of the Minister of Agriculture, before the said Company is permitted to transport American cattle or swine over their line. The said enclosure, besides other requisites, shall be provided with a high board fence and a vacant space around the said board fence, the said outside space to be also

fenced, in order to prevent any approach to the inner inclosure ; the said inner enclosure shall be provided with a special siding, with two locked doors, for the admission and isolation, under key, of the cars or trucks carrying American cattle or swine in transit.

18. The two fenced enclosures mentioned in the next foregoing section, situated at the Grand Trunk Railway Station at Lyn, in the Province of Ontario, with all appurtenances therein, or things belonging thereto, is hereby declared to be an infected place, in the meaning and for all purposes of the "Act to provide against infectious or contagious diseases affecting animals."

19. The enclosures through which American cattle and swine enter Canada, in transit at Sarnia, on the Grand Trunk Line, must be arranged, fitted and isolated in like manner, to the satisfaction of the Minister of Agriculture, and the said enclosures situated on the Grand Trunk Railway Grounds, on the frontier, near the Sarnia Station, in the Province of Ontario, with everything thereto appertaining, are also declared hereby to be an infected place.

#### PART IV.—Conveyance and Shipment of Animals.

20. To provide against the possibility of diseased animals being carried from or conveyed to and shipped from Canadian ports, it is ordered as follows :

21. An inspection of animals will be made at any place or port in Canada to which such animals are carried in the manner prescribed by the instructions which may be given from time to time by the Minister of Agriculture.

22. Such animals as may be found to have been exposed to contagious or infectious disease, or to be laboring under contagious or infectious disease, shall be either detained or slaughtered in pursuance of the provisions of the said Act under direction of the Minister of Agriculture.

23. The officers appointed to carry out the law and the present regulations shall have free access to any boat, ship, vessel, car, van, or other vehicle, or to any place where animals may be found, in order to inspect the same, and, under instructions from the Minister of Agriculture, deal with animals having been exposed to disease or with diseased animals, and the articles employed in their service in the manner contemplated by the said Act, under the penalties prescribed thereby against any person contravening any of the provisions thereof or of any regulations made thereunder.

25. The said Inspector or officers may, if it be deemed necessary, order the cleansing and purifying of any place, vessel, vehicle or other article having been made use of to receive or transport

or being about to receive and transport animals, and direct such precautionary measures to be taken as may be considered advisable.

25. Proprietors of or dealers in stock having moved or intending to move animals towards a port of embarkation in Canada for export, must give notice to the Inspector appointed for such port by telegraph or by letter, at least twelve hours in advance of the time of arrival of the said animals for shipment, and during the progress of inspection shall, with the hands at their disposal, give every required assistance to the Inspector at such port, and move the animals according to the directions given to them by the said Inspector. In case the owner refuses or neglects to furnish the necessary assistance, the Inspector may employ men at the cost of the shipper which shall be paid to the Inspector before a Clean Bill of Health is given.

26. In order to prevent the danger of contagion or infection resulting from the overcrowding or overlading of animals on board ships in any port in Canada, the Inspector shall not permit cattle or other animals to be laden on board any ship in such port, until he shall be satisfied that suitable space and provision has been made for the number of cattle and other animals to be shipped on board such ships shall not be shipped than such ship can safely and properly carry, and such Inspector shall not grant a Clean Bill of Health to such ship, until all such provisions as aforesaid shall be made to his satisfaction.

27. The Collector of Customs of any port where such inspection as aforesaid is adopted and required, shall not give a clearance to any ship having cattle or other animals on board for exportation without being shown a Clean Bill signed by the Inspector to the effect that the measures provided by the said Act and the present regulations have been obeyed and carried out.

#### General Disposition.

28. Collectors of Customs throughout Canada, shall see that the various exigencies and requirements of the present order are fulfilled, before granting any permit which requires, before it is given, any act to be performed, or any inspection or other proceeding to be made or taken, and they shall see that the prohibitions prescribed, and rules established by this order and the instructions which may be issued by the Minister of Agriculture are obeyed, and in case of any infraction of the provisions of the present order, or any of them, taking place, they shall report at once to the Minister of Agriculture the nature and extent of such infraction.

(Certified,) J. O. COTE,  
Clerk, Privy Council.

## NOVA SCOTIA REGISTER OF SHORT-HORN DURHAM CATTLE.

(Sanctioned by, and published under authority of, the Central Board of Agriculture of Nova Scotia.)

## BULLS.

## 1.—LOBO LAD.

Red-and-white. Calved 6th November, 1865, 849 Ca. Bred by Thomas Douglas, Lobo, Co. Middlesex, Ont. Imported by Central Board of Agriculture, 1866, and sold to Halifax County Agricultural Society. Subsequently owned by Newport Agricultural Society. Sire Baron Renfrew, 44 Ca. Dam Miss Maud by Belted Will 4th, 54 Ca., 12464 Eng. G. d. Red Rose by Young Briton 79\* Ca. G. g. d. imported Lady Jane by Sir Walter 2639 Eng.,—by a son of Mr. Booth's Jerry 40979 Eng.,—by Young Star 5319 Eng.,—by Roseberry 567 Eng.,—by a son of Comet 155 Eng.

## 2.—YEOMAN.

White. Calved 5th June, 1864. Bred by Frederick Wm. Stone, Moreton Lodge, Guelph, Ont., and sold to Thos. Arkell, from whom purchased by Central Board of Nova Scotia, 1866, and sold to North East Margaree Agricultural Society; subsequently owned by East Cornwallis Agricultural Society. Sire Twelfth Duke of Northumberland 196 Ca., 4744 Am. Dam Isabella 6th by Windsor 4484 Am., 811 Ca. G. d. Isabella 3rd by imported Friar John 12905 Eng. G. g. d. Isabella 2nd, imported, by Buccancer 11217 Eng.,—Isabella Howard by the Yeoman 12220 Eng.,—Idalia by Lord Marlborough 7166 Eng.,—Isabel by Belshazzar 1703 Eng.,—Imogene by Argus 759 Eng.,—Sister to Isabel by Pilot 496 Eng.,—by Agamemnon 9 Eng.,—by Mr. Burrell's Bull of Burdon 1768 Eng.

## 3.—SIR WILLIAM.

Red-and-white. Calved March 20, 1865, 693 Ca. Bred by Simon Beattie, Markham, Co. York, Ont. Purchased from William Thomson, Markham, by Central Board of Nova Scotia, 1866, and sold to Union Agricultural Society of Cornwallis, Kings Co. Sire Clifton Duke 2nd 133 Ca. Dam Beauty by Sir Robert 2nd 3439\* Eng. G. d. Spot by Oregon 775 Am. G. g. d. by Goldfunder 1619 Am.,—imp. Lady Elizabeth by Emperor 1974 Eng.,—Elvira by Duke 1933 Eng.—by Wellington 2824 Eng.,—by Young Remus 2522 Eng.,—by Midas 435 Eng.,—by Traveller 655 Eng.,—by Bolingbroke 86 Eng.

## 4.—CATO.

Red-and-white. Calved 31st January, 1866. 109 Ca. Bred by Thomas Arkell, Little Farnham Farm, near Guelph, Ont., from whom purchased by Central Board of Nova Scotia, 1866, and sold to Mabou and Port Hood Agricultural Society. Sire Yeoman 2nd. Dam Flora 3rd by King of the West 383 Ca. G. d. Flora by John O'Gaunt 2nd 375 Ca., 13089 Am. G. g. d. Snowdrop by Durham 213 Ca., 1488 Am.,—Flora by Wellington 793 Ca., 183 Am.,—Victoria by Agricola *alias* Sir Walter 4 Ca., 1614 Eng.,—Beauty by Snowball 2647 Eng.,—by Lawnsleaves 365 Eng.,—by Mr. Mason's Charles 127 Eng.

## 5.—NOBLEMAN.

Red-and-white. Calved 12th February, 1866. Bred by Thomas Arkell, Little Farnham Farm, Puslinch, near Guelph, Co. Wellington, Ont. Purchased from him by Central Board of Agriculture, and sold 2nd November, 1866, to Shubenacadie Agricultural Society, Co. Colchester. Sire Moreton Duke 742 Ca., 5225 Am. Dam Flora by John O'Gaunt 2nd, 375 Ca., 13089 Eng. G. d. Snowdrop by Durham 213 Ca., 488 Am. G. g. d. Flora by Wellington 792 Ca., 183 Am.,—Victoria by Agricola *alias* Sir Walter 4 Ca., 1614 Eng.,—Beauty by Snow-

ball 2647 Eng.,—by Lawnsleaves 365 Eng.,—by Mr. Mason's Charles 127 Eng.

## 6.—ORION.

Roan. Calved April 20th, 1869. Bred by John Miller, Brougham, Ont. Purchased from him by Central Board of Agriculture, October, 1870, and sold to Windsor Agricultural Society, Co. Hants. Sire Oxford Mazurka 8750 Am. Dam Maggie by Young England 5281 Am. G. d. Sybil, imp. by Baron of Kildale 11156 Eng. G. g. d. Sonsie by Remus 11987 Eng.,—by Playfellow 5297 Eng.,—Jane by Strathmore 5647 Eng.,—Young Catherine by Sir William 12102 Eng.,—Catherine by Emperor 1974 Eng.

## 7.—BELL DUKE OF MARKHAM.

Roan. Calved March 14th, 1868. 945 Ca. Bred by George Miller, Markham, Co. York, Ont., by whom sold to Birrell & Johnston, Maple Hall, Pickering Co., Ont., and from them purchased by Central Board of Agriculture, 1870, and sold to Union Agricultural Society of East Cornwallis, Kings Co. Sire Bell Duke of Oxford 830 Ca., 6449 Am. Dam Snowdrop by Prince of Wales 578 Ca., 5100 Am., 18630 Eng. G. d. Queen of the May by Young England 822 Ca., 5281 Am. G. g. d. Miss Sime (imported) by Baron of Kildale 11152 Eng.,—Spoors 3rd by Remus 11987 Eng.,—Helen by Strathmore 6547 Eng.,—Spoors 2nd by Sir William 12102 Eng.,—Old Spoors by Togston 4587 Eng.,—by George 272 Eng.

## 8.—ROLAND.

Roan. Calved February 3rd, 1870. 2158 Ca. Bred by Birrell & Johnston, Maple Hall, Pickering Co., Ont., from them purchased by Central Board of Agriculture and sold November 16th, 1870, to Kings Co. Agricultural Society. Sire Oxford Chief 1911 Ca. Dam Lily Dale by London Lad 401 Ca., 653 Am. G. d. Newham Lily (imported) by Belleville berry by Rockingham 2551 Eng.,—Lively by Jerry 1501 Eng.,—by Julius Caesar 1143 Eng.,—by Young Albion 15 Eng.

## 9.—DUKE OF CARDWELL.

Red-and-white. Calved January 13th, 1869. 1238 Ca. Bred by Archibald Frank, Cheltenham, Co. Cardwell, Ont.; from him purchased by Central Board of Agriculture, and sold November, 1870, to Onslow Agricultural Society, Co. Colchester. Sire Duke of Bourbon 184 Ca. Dam Cassey by Nelson, 488 Ca. G. d. Helen by Charles, 119 Ca. G. g. d. Cora 2nd by Danby 401 Am.,—Cora by Dallimore, 400 Am. Daisy by Lord John, 851 Ca., 1800 Am.,—Miss Prue by Agricola 4 Ca., 1614 Am.,—Daisy Spot by Ajax, 2944 Eng.,—Beauty by Washington, 1566 Eng.,—Red Lady by Washington 1566 Eng.,—Pansy by Blaize 76 Eng.,—Primrose by Charles 127 Eng.,—by Blyth Comet 85 Eng.,—by Prince 521 Eng.,—by Patriot 486 Eng.

## 10.—SIR HALBERT.

Red-and-white. Calved January 17th, 1870. 2258 Ca. Bred by Burrell & Johnston, Maple Hall, Pickering Co. Ontario, and from them purchased, October, 1870, by the Central Board of Agriculture. Sire Oxford Mazurka 1923 Ca. 8750 Am. Dam Kate Seyton by Pioneer, 1946 Ca., 8791 Am. G. d. Red Rose 2nd by Canadian Punch 103 Ca., 5415 Am. G. g. d. Red Rose by Bob 1005 Ca.,—by Captain 104 Ca. 11240 Eng.,—by Landesdale 338 Ca., 1759 Am.,—bred by John Dow, Whitby, Ont.

## 11.—GRAND DUKE REMUS.

Red and a little white. Calved December, 1869. 1504 Ca. Bred by Robert Miller, Pickering, Ont., by him sold to James Birrell, Pickering, and from the latter purchased by Central Board of Agriculture, and sold, November, 1870, to George S

Brown, Yarmouth, N. S. Sire Willie 2449 Ca. Dam Miller's Maid by Bob 1005 Ca. G. d. Eliza by Captain 104 Ca., 11240 Eng. G. g. d. Kate Kearney by Duke of Wollington 203 Ca., 55 Am., 3654 Eng.,—Countess 3th by Bonaparte 65 Ca., 273 Am.,—Countess 2nd by Leopold 91 Am.,—Countess 1st by a son of Comet 155 Eng.,—Princess (imp.) by Lancaster 360 Eng.,—Golden Pippin by North Star 459 Eng.,—by Favorite 252 Eng.,—by Favorite 252 Eng.,—by Broken Horn 95 Eng.,—bred by Mr. Best, Mansfield.

12.—ONTARIO FARMER.

Red-and-white. Calved June 17th, 1869. Bred by Hon. Senator Cochrane, Hillhurst, Compton, Prov. Quebec, and from him purchased by Central Board of Agriculture, N. S., October, 1870. Sire Mac 8561 Am. Dam Fanny by Prior 7155 Am., G. d., Bessie Bell 2nd by Prince of Wales 18630 Eng. G. g. d. Bessie Bell by Captain 11240 Eng.,—Red Rose by Baron of Kildale, 11156 Eng.,—Rose by Remus 11987 Eng.,—Old Rose by Sir William 12102 Eng.,—Kate by Togston 5487 Eng.,—Catherine by Emperor 1974 Eng.

13.—SIR WILLIAM.

Red and a little White. Calved October 19th, 1869. Bred by Hon. Senator Cochrane, Hillhurst, Compton, P. Q., from him purchased by Central Board of Agriculture, N. S., and sold to Shubenacadie Agricultural Society. Sire 11th Duke of Thorndale, 5611 Am. Dam Moss Rose by Marion Duke of Airdrie 4150 Am. G. d. Jessie by Young Tweed-side 5288 Am. G. g. d. Red Rose by Baron of Kildale 11156 Eng.,—Rose by Remus 11987,—Old Rose by Sir William 12102 Eng.,—Kate by Togston 5487 Eng.,—Catherine by Emperor 1974 Eng.

14.—BARON LIGHTBURNE 2ND.

Light roan. Calved August 22nd, 1873. Purchased for the breeder, Alex. Brogden, M. P., of Lightburne, near Ulverston, North Lancashire, England, 14 September, 1875, and sold October, 1875, to Union Agricultural Society of East Cornwallia. Sire Baron Oxford 4th, 25580 Eng. Dam Winsome 7th by Grand Duke 10th 21848 Eng. G. d. Winsome by Oxford 2nd 18507 Eng. G. g. d. Beauty by Crusade 7938 Eng.,—Bright Eyes by Third Duke of York 10166 Eng.,—Wild Eyes 23rd by 2nd Cleaveland Lad 3408 Eng.,—Wild Eyes 9th by Duke of Northumberland 1940 Eng.,—Wild Eyes 3rd by Belvedere 1706 Eng.,—Wild Eyes by Emperor 1975 Eng.,—by Wonderful 700 Eng.,—by Cleveland 145 Eng.,—by Butterfly 104 Eng.,—by Hollon's Bull 313 Eng.,—by Mowbray's Bull 2342 Eng.,—by Masterman's Bull,—descended from M. Dobison's stock.

15.—VISCOUNT OXFORD.

Roan. Calved August 21st, 1874. Bred by George Moore, of Whitehall, Cumberland, England, and purchased for Board of Agriculture at his sale, 9th September, 1875; sold, October, 1875, to Professor Lawson, Lucyfield Farm, Co. Halifax; owned subsequently by Amherst Agricultural Society, Co. Cumberland, N. S., and Pine Tree Agricultural Society, Co. Pictou. Sire Sixth Baron Oxford. Dam Graceful Duchess by Baron Oxford 4th 25580 Eng. G. dam Duchess by Fifteenth Grand Duke 21852 Eng. G. g. d. Countess by Knightly Grand Duke 24268 Eng.,—Chorus by 4th Duke of Thorndale 17750 Eng.,—Charming by Mameluke 13289 Eng.,—Charmer 6th by Cardinal 11246 Eng.,—Charmer 2nd by White Friar 9827 Eng.,—Charmer by Little John 4232 Eng.,—Graceful by Caliph 1774 Eng.,—Sylph by Sir Walter 2637, —by Hotspur 1117 Eng.,—by Coxcomb 928, —by Midas 435 Eng.,—Rachel by Comet 155 Eng.,—Russell by R. Colling's Son of Favorite 252 Eng.,—by same son of Favorite 252 Eng., —by Hubback 319 Eng.

16.—GWYNNE OF THE FOREST.

Light roan. Calved August 22nd, 1873. Purchased for Central Board of Agriculture at sale of the breeder, George Moore, of Whitehall, Cumberland England, 9th September, 1875, and sold to Union Agricultural Society of East Cornwallia, October, 1875; owned subsequently by Professor Lawson, Lucyfield, Co. Halifax, and by the Scotia Agricultural Society of Fox Harbour, Co. Cumberland, N. S. Sire Seventeenth Duke of Oxford 25994 Eng. Dam Flighty Gwynne by Grand Duke of Lightburne 26290 Eng. G. d. Fairy Gwynne Fifth Grand Duke 19875 Eng. G. g. d. Fortuna Gwynne by Duke of Leinster 17724 Eng.,—Frances Gwynne by Captain Hardinge 10023 Eng.,—Fanny Gwynne by St. Thomas 10777 Eng.,—Sall Gwynne by Prime Minister 2456, —Cripple Gwynne by Merlin 430 Eng.,—Nell Gwynne by Layton 366 Eng.,—Nell Gwynne by Phenomenon 491 Eng.,—Princess by Favorite 252 Eng.,—by Favorite 252 Eng.,—by Hubback 319 Eng.,—by Snowdon's Bull 612 Eng.,—by Waistell's Bull 699 Eng.,—by Masterman's Bull 422 Eng.,—by the Studley Bull 626 Eng.

17.—KENT GWYNNE.

Light roan. Calved July 10th, 1874. Purchased for Central Board of Agriculture from the breeder, William Ashburne, of Netherhouse, Ulverston, Westmoreland, 14th September, 1875, and sold, October, 1875, to J. B. McKeen, Port Hood, Co. Inverness, Cape Breton. Sire Grand Duke of Kent 2nd 28759 Eng. Dam Double Gwynne by Rufus 27397 Eng. G. d. Dolly Gwynne by Duke of York 14461 Eng. G. g. d. Young Dowager Gwynne by St. Thomas 10777 Eng.,—Dowager Gwynne by Prime Minister 2456 Eng.,—White Moll Gwynne by Wallace 5586 Eng.,—Dorothy Gwynne by Marmion 406 Eng.,—Daphne Gwynne by Merlin 430 Eng.,—Nell Gwynne by Layton 366, —Nell Gwynne by Phenomenon 491, —Princess by Favorite 252 Eng.,—by Favorite 252 Eng.,—by Hubback 669 Eng.,—by Masterman's Bull 422 Eng.,—by the Studley Bull 626 Eng.

18.—SKIDDAW.

Roan. Calved January 17th, 1875. Purchased for Central Board of Agriculture from the breeder, George Moore, of Whitehall, Cumberland, England, 19th September, 1875, and sold to J. B. Bowser, Grand Pré, October, 1875; re-exported to England in 1880. Sire Seventeenth Duke of Oxford 25994 Eng. Dam Sweetheart 31st by Patrician 24928 Eng. G. d. Sweetheart 10th by the Baron 13833 Eng. G. g. d. Sweetheart 5th by Mameluke 13289 Eng.,—Sweetheart 3rd by Daybreak 11338 Eng.,—Sweetheart by Accordion 5706 Eng.,—Charmer by Little John 4232 Eng.,—Graceful by Caliph 1774 Eng.,—Sylph by Sir Walter 2637 Eng.,—by Hotspur 1117 Eng.,—by Coxcomb 928 Eng.,—by Midas 435 Eng.,—Rachel by Comet 155 Eng.,—Russell by R. Colling's Son of Favorite 251 Eng.,—by same Son of Favorite 252, —by Hubback 319 Eng.

19.—CAPTAIN CAWOOD.

Roan. Calved November 3rd, 1873. Purchased for the Central Board of Agriculture, September, 1875, and sold to Shubenacadie Agricultural Society, October, 1875; subsequently owned by J. B. Fraser, Shubenacadie. Sire Captain Tregunter 28136 Eng. Dam Double Cawood by Lord Cawood 3rd 24368 Eng. G. d. by Lord Cawood 15943 Eng. G. g. d. by Grazier 28788, —by Horton Boy 13050, —Coward's Cow.

20.—FIFTH DUKE OF LORNE.

Red. Calved August 1st, 1875. Bred by E. Hall, Shallcross, Whaley Bridge, Derbyshire. Imported by Central Board of Agriculture, October, 1876, and sold to the Onslow Agricultural Society, Co. Colchester. Sire Duke of Lorne 25985 Eng. Dam Lancaster 20th by Chilton Hero 17564

Eng. G. d. Lancaster 7th by Priam 15079 Eng. G. g. d. Lady Doncaster by the Queen's Roan 7389 Eng.—Lancaster by Will Honeycomb 5660 Eng.—Lancaster 9th by Spectator 2688 Eng.—by Albion 1619 Eng.—by Lancaster 360 Eng.—by Son of Windsor 698 Eng.—by Comet 155 Eng.

## 21.—LORD OF BRAEMAR.

Red. Calved January 20th, 1875. Bred by the Earl of Dunmore, Scotland. Imported by Central Board of Agriculture, October, 1876, and sold to the Bridgetown Agricultural Society, Co. Annapolis. Now owned by Professor Lawson, Lucyfield, Co. Halifax. Sire Third Duke of Hillhurst 30975 Eng. Dam Red Rose of Braemar by 11th Duke of Thorsdale 31024 Eng. G. d. Red Rose of Breadalbane by Duke Frederick 30910 Eng. G. g. d. Grace by Airdrie 30365 Eng.—Ophelia by John O'Gunn 11621 Eng.—Duchess by Buena Vista 30623 Eng.—Red Rose by Prince Charles 2nd 32113 Eng.—Thames by Shakespeare 1162 Eng.—Lady of the Lake by Reformer 2505 Eng.—Rose of Sharon by Belvidere 1706 Eng.—Red Rose 5th by 2nd Hubback 1423 Eng.—Red Rose 2nd by His Grace 311 Eng.—Red Rose 1st by Yarrowborough 705 Eng.—American Cow by Favorite 252 Eng.—by Punch 531 Eng.—by Foljamba 263 Eng.—by Hubback 319 Eng.

## 22.—WETHERBY STAR.

Roan. Calved May 11th, 1875. Bred by the Duke of Devonshire, Holker Hall, Lancashire, England. Owned by Mr. Foster of Killhow, Cumberland, England; from him purchased for the Central Board of Agriculture, October, 1876, and thereafter sold to the Farmers' Agricultural Society of East Cornwallis. Sire Fifth Duke of Wetherby 31023 Eng. Dam Evening Star by Baron Oxford 4th 25520 Eng. G. d. Bright Star by Red Duke 18676 Eng. G. g. d. Bright Eyes by Third Duke of York 10166 Eng.—Wild Eyes 23rd by 2nd Cleveland 3408 Eng.—Wild Eyes 9th by Duke of Northumberland 1940 Eng.—by Emperor 1975 Eng.—by Wonderful 700 Eng.—by Cleveland 146 Eng.—by Butterfly 104 Eng.—by Hollow's Bull 313 Eng.—by Mowbray's Bull 2342 Eng.—by Masterman's Bull 422 Eng.—descended from M. Dobison's stock.

## 23.—KINGSTON.

Red. Calved September 11th, 1875. Bred by C. A. Barnes, Charleywood, Rickmansworth, Herts, England. Imported by Central Board of Agriculture, October, 1876, and sold to the Onslow Agricultural Society, Co. Colchester. Sire Barrington Duke 27985 Eng. Dam Khirkee 8th by Lord Wallace 24473 Eng. G. d. Red Hawthorn by Duke of Darlington 21586 Eng. G. g. d. Pride of Bushey by Cuck of the Walk 15782 Eng.—Khirkee 5th by Master Butterfly 2nd 14918 Eng.—Khirkee by Young 4th Duke 9037 Eng.—Jenny Lind by Duke of Richmond 7996 Eng.—Brawith Bud by Sir Walter 2639 Eng.—by Young Jerry 3177,—by Roseberry 567 Eng.—by Roseberry 567 Eng.—by Constellation 163 Eng.—by Hastings 293 Eng.—by Hastings 293 Eng.—by Leopold 372 Eng.

## 24.—MORISCO.

Calved July 10th, 1877. Bred by R. Jefferson, Preston House, Cumberland, England. Imp. by Central Board of Agriculture, and sold to Farmers' Agricultural Society of Cornwallis, October, 1878. Sire Sultan's Jane 35699 Eng. Dam Princess of the Realm by Peer of the Realm 25057 Eng. G. d. Rosena by Juryman 20043 Eng. G. g. d. Ruby by Red Rover 11982 Eng.—Sprightly by Sir Isaac 9642 Eng.—Superb by Victory 5556,—Splendid by Watchman 3rd 4420 Eng.—by Young Eryholme 1981 Eng.—by Wellington 2825 Eng.—by Alfred 23 Eng.—by Windsor 6981 Eng.—by 1771 Eng.—by Bankes' Bull 53 Eng.

## 25.—LORD WINDSOR.

Light roan. Calved June 17th, 1877. Bred by R. Jefferson, Preston House, Whitehaven, Cumberland, England. Imported by Central Board of Agriculture, and sold to Shubenacadie Ag. Society, October, 1878. Sire King Victor 28986 Eng. Dam Windsor's Flower by Sir Windsor Broughton 27507 Eng.—G. d. Springflower by Sir Frederick Colling 26104 Eng.—Regina by Heirloom 18045 Eng.—Sunflower by Lablancho 11659 Eng.—Miss Unthank by Duke Richmond 8000 Eng.—Splendour by His Royal Highness 4039 Eng.—Cherry Rippe by Gainford 2044 Eng.—Cherry by Samson 5080 Eng.—by Morpeth 4411 Eng.—by Lonsdale 379 Eng.—Daisy by Irishman 329 Eng.

## 26.—FAVORITE.

Calved May 3rd, 1877. Bred by A. Graham, Yarmouth, Cumberland, England. Imported by Central Board of Agriculture, and sold to Union Agricultural Society of East Cornwallis, October, 1878. Sire Hubback Junior 51395 Eng. Dam Fancy by Waterloo Commander 32811 Eng. G. d. Fairly by British Prince 19354 Eng. G. g. d. Fairy Flower by Baronet 19274 Eng.—Emily by Duke 14421 Eng.—Primrose by General Hayman 11520 Eng.

## NEW GLASGOW AGRICULTURAL SOCIETY.

(From the Eastern Chronicle.)

As announced in our last issue, this Society held its first regular quarterly meeting in the New Glasgow Court House, on Monday last, at 2 p. m. On calling the roll, it was learned that eighty-three members had been enrolled, of whom about fifty were present. A vote of thanks was passed, and it was resolved that three thorough-bred bulls should be purchased,—an Alderney, a Durham and an Ayrshire. The Secretary exhibited a variety of samples of imported seeds, both of cereals and roots, stating the price at which each could be bought, and many of the members availed themselves of the opportunity of ordering a supply from the samples shown.

The large number of farmers who have already joined the society, and the very considerable proportion of them who were present at this meeting, argues well for its success. Every one seemed to have come there with the single determination of furthering the objects which this organization has been formed to promote, and which include everything connected with the improvement of farms and farming. It can hardly be doubted that such a Society was needed here. Having once been formed, it is almost certain to produce such results as will, in a few years, be perceptible in the improved character of the farms in the neighbourhood of this town. There is no more suitable locality in Eastern Nova Scotia for a flourishing Agricultural Society, and it is remarkable that so long a time has been allowed to go by without the formation here of some such organization as has been just established. The names of the officers of the Society, which we give below, are an excellent guarantee of the respectability of the institution. We trust that all farmers in this neighbourhood, who look forward to any improvement in their methods of cultivation, should join it.

The following are the officers:—*President*, D. C. Fraser, New Glasgow; *Vice-President*, Daniel McGregor, McLellan's Brook; *Sec'y*, E. Cameron, Linnessy; *Treas.*, Harry Townsend, New Glasgow. *Directors*, James Hudson, Stellarton; Colin Fraser, New Glasgow; Alex. McKay, New Glasgow; John McPherson, McLellan's Brook; Wm. McDonald, Churchville. *Auditors*, Angus McMillan, Churchville; John McDonald, Marsh; Jas. W. Fraser, Basin.

## QUESTIONS.

Dear Sir,—Could you oblige me by replying to the following questions in this issue of the JOURNAL?

(1.) Name a few standard agricultural works you would recommend for farmers in Nova Scotia—that is, suitable for our climate?

(2.) At the next Provincial Exhibition, and at every succeeding one, would it not be a first-rate idea to give a prize to the city or country paper in the Dominion, (with a preference of course to Nova Scotia,) that devotes a certain amount of space weekly to the interests of agriculture and of farmers in general, I mean a well managed and carefully selected department; and also, a certificate of merit to every provincial paper that has a farmer's column or two in every issue? Amongst the many benefactors of Agriculture, we must never forget the Press, and, therefore, the subject is worthy of respectful consideration by those interested.

Would it not be better for the country in many ways, were such branches as Botany, Natural History, Chemistry, especially the elements or rudiments of Agricultural Chemistry, taught regularly in our country schools, especially in agricultural districts? Also, to encourage the good work, by giving prizes for essays on "The Farm," "The Vegetable Garden," &c. &c. &c. in the Board of Agriculture to obtain the services of a lecturer on Agriculture for a limited period, to stir up our farmers in their profession? And now, when I think of it, a certain gentleman holding the position of Secretary to the Nova Scotia Board of Agriculture, (that is to say, if his multitudinous engagements would permit him,) would be an excellent instrument for that purpose.

RURALIST.

[Replies in next number.]

WALTER McDONALD, Esq., of Glendyer, Mabou, C. B., writes us as follows: "We imported from Plantagenet, Ont., via Montreal and North Sydney, two Ayrshire Heifers, purchased from Mr. Wm. Rodden, both in calf. One (Miss Cecilia) dropped a bull calf Feb'y 24th." The following notice of Mr. Rodden's stock at the Centennial, (a slip from a newspaper,) is enclosed:—

"The Centennial Live Stock Exposition should certainly have done much for the live stock farmers of the United States, as it showed to what advantage cattle could be bred in this country, and what perfection might be attained by very little pains. If all parties were fully alive to the importance of introducing a pure breed of cattle into this coun-

try, if the farmers understood that it costs no more to raise a pure blooded animal than a hybrid, and that the pure animal will make both beef and milk of high quality, while the other cannot compare to it for either, the breeding farmers would meet with much more encouragement than they do. In this connection, I cannot refrain from noticing the display made in the Centennial Live Stock Exhibition by Mr. William Rodden of Montreal. Mr. Rodden exhibited a herd of fine Ayrshire cattle, among which may be mentioned several of great beauty. The Ayrshire bull, Carriek Lad, four-and-a-half years old, winner of first prizes and diplomas in Canada and United States, was one of the most conspicuous animals in the show. He was beautifully shaped, joints all perfect, a "monarch of the herd" such as is seldom seen. The bull calf General Montgomery, nine months old, evidently possessed all the fine points of the older animal in the rudiments, and was developing rapidly to show his blood in every form and feature. The Ayrshire Heifer, Lily, only two years old, was one of the finest animals I have ever seen, with all the promise of a splendid maturity in the future. The fine appearance and size of the cows secured much attention. The race to which this fine herd belonged is famous everywhere for its unrivalled beauty of form, and for its milk and beef. It will fatten quicker than any other same fodder. Mr. Rodden is an experienced importer and breeder. His stock is derived from the very best strains he could obtain, and each one of his herd has an unblemished pedigree, as may be seen in the herd book. His perfect reliability will be attested by all who know him. The International Jury of Award were much pleased with his standard of exhibit, and awarded it unanimously a diploma of the highest merit and the U. S. Centennial Exhibition medal of honor. Some of the animals were purchased by enterprising breeders of the United States to improve their herds. The prize bull Carriek Lad, and three others, were retained by Mr. Rodden to keep up the character of his stock, with a view to future sales from the large herd kept on his prize stock farm, Plantagenet Springs, Ontario, near Ottawa City, Canada."

20th April, 1880.

SIR,—It has long been a moot question whether the Pen is mightier than the Sword. The Report of the Board of Agriculture for 1879, gives a decisive answer in favor of the Pen. With two little comments, The Pen or the Press has transmuted my beautiful Jersey cows into bulls. Neither Sacred nor Profane

History records any instance of such wondrous power. Long ago this same Press in the JOURNAL OF AGRICULTURE, sired a calf with a cow, but this last feat eclipses even that astounding performance. It may be safely said that the Press knows no sex.

Very truly yours, B.

Halifax, April 8th, 1880.

DEAR SIR,—I see by the morning paper that you are about having our farmers try the Sugar Beet. Have you given any attention to the Early Amber Sugar Cane? It seems to do well in the United States, where corn ripens. I enclose two extracts from seed catalogues, which contain notices of it.

Yours respectfully,

D. BLACKWOOD.

(From Bliss's Catalogue, 34 Barclay Street, New York.)

## KENNEY'S EARLY AMBER SUGAR CANE.

In this variety we have a plant that is destined to prove of immense value to the northern portion of our country. It has been tested in Minnesota for several years past. A large grower gives the following statement to the State Commissioner:

I planted a piece of this cane this year, on the 27th of May, on new land, and before any frosts it was entirely ripe. Its saccharine qualities are of the first order, fine and rich, and its earliness highly recommends it to the whole country. It has another desirable quality, it stands up well, does not easily blow down, usually grows eleven and twelve feet high, when planted between the first and tenth of May, the seed almost invariably ripens, thus giving one the advantage of a double crop in one year from one planting, some 20 or 25 bushels of seed, and 140 or more gallons of the fine syrup per acre, that is, if it is skilfully handled. All kinds of farm stock are fond of the seed; when ground and mixed with bran it makes a good heavy feed for horses; hens are very fond of the seed, and I believe it makes them produce eggs more abundantly than almost any other kind of grain. We have seen sugar produced from this variety equal to the best coffee sugars in the market.

By mail, 40 cents per lb. When sent by express at the expense of the purchaser, 20 cents per lb.

(From Gregory's Catalogue, Marblehead, Mass.)

## EARLY AMBER SUGAR CANE.

This new variety of sugar cane is making quite a sensation among the farmers of Minnesota, from the perfect success which they have met with in the manufacture of both syrup and sugar. Over 200,000 gallons of syrup were made from it in Minnesota in 1878, and this season a single firm has sent to market 43,000 lbs. of sugar. It has been experimented with in Massachusetts on a large scale, and the results have been most satisfactory; so I think it may now safely be said, that after many years experiment and hosts of failures, with several varieties of Sorghum or Imphee, in the Early Amber, which is the most improved form of Otahaitan, a grand success has been reached at last.



Having been grown with such success in Lat. 44.30, it can be successfully raised in almost every portion of the Northern States. The yield per acre of syrup is from 140 to 280 gallons, and the produce of sugar is about 6 lbs. to the gallon of syrup. My seed has been specially selected for purity.

Says the St. Paul Pioneer: Mr. Miller actually raised 900. pounds of excellent cooking sugar from each acre of ground.

Besides this there is left some five or six pounds of syrup from each gallon. All that we have seen is thick with sugar, and sells for 90 cents per gallon. The cultivation required is the same as for corn.

With every package of seed I will send a sample of the sugar made from this new sugar cane. My seed is selected with special care for purity.

Per lb. by mail, postage paid by me, 40 cents; per qr. lb., 15 cents; per package, 10 cents. The standard work of Mr. I. A. Hodge, giving full instructions for the manufacture of sugar, sent to any address for \$1.

The young Thoroughbred Short Horn Durham Bull, GYWNNE OF LUCYFIELD, has been sold to John Allison, Esq., of Newport, who intends to use him in the improvement of his already fine stock of grade cattle.



### The High-Bred Trotting Stallion RICE MAMBRINO

WILL STAND IN THE UNDER SIGNED, beside the Parish Church, Windsor.

#### COPY OF BREEDER'S CERTIFICATE:

"I certify the Chestnut Colt, *Rice Mambrino*, was got by *Henry Mambrino*, out of the above mare, *Fanny Porter*. "GEORGE T. ALLMAN."

RICE MAMBRINO is a very handsome Chestnut Stallion, has size, style, and plenty of substance, with splendid trotting action, possessing all the finish of a thorough-bred, and is pronounced by horsemen to be the best stallion of his age in the Province. He was bred by George T. Allman of Giles Co., Tennessee. Sired by Henry Mambrino, he by Mambrino Chief, (the sire of Lady Thorne, record 2.16 3/4), dam Fanny Porter by Dan Rice, Fanny Porter's 1st dam Fanny by Timolean, 2nd dam Fanny by Pantaloon, he by imported Diomed, 3rd dam Jeanet by Muzzle Diomed, son of imported Diomed, 4th dam by Wilkes Wonder, sire of Tenn. Oscar, 5th dam by Sir Archie.

The above pedigree includes some of the best trotting and thorough-bred blood in America.

TERMS—\$10 for the Season.  
HENRY BROWN.

Windsor, April, 1880. may

### FOR SALE.

THE splendid yearling thorough-bred Short-Horn Durham Bull

Lord Lorne of Lucyfield, 397,

Believed to be the finest bull of his age in the Province; he took 1st prize at Halifax Provincial Exhibition; is of good make, robust, and has proved so far, without a single exception, to be a sure stock getter.

Apply at Lucyfield Farm, or by letter to Prof. Lawson, Halifax.

### AYRSHIRES.

FOR SALE two very neat thorough-bred registered Ayrshire Cows, quite young, from imported stock. Will be sold low and on accommodating terms. Apply to PROF. LAWSON, Lucyfield, Bedford. may

### Light Brahma Fowls.

THE ADVERTISER HAS

### EGGS FOR HATCHING,

Sired by cocks mated with hens from the celebrated "Tees" strain from Pennsylvania, imported by him this winter, and renowned for their very large size. The special prize for heaviest cockerel, any variety, was awarded the advertiser at the recent Halifax Poultry Show. Persons contemplating raising Light Brahma fowls would do well to secure eggs from this newly imported strain, which is not excelled in beauty, or exceeded in weight, by any in the Province.

Price—\$3.00 per 13, or \$5.00 per 26 eggs.

Cash must accompany order.

J. PENNINGTON,

22 Smith Street, . . Halifax, N. S.

apl

### BONES! BONES! PURE GROUND BONES.

THE Subscriber is now prepared to furnish the

Farmers of Nova Scotia

with this Valuable Manure, at the following prices, delivered at the Railway Station:

Half in. Bones . . . . . \$23.00 per ton.

" " " " " 1.75 per cwt.

Fine Ground Bones . . . . . 35.00 per ton.

" " " " " 2.00 per cwt.

ing with sulphuric acid and making

### PURE AND RELIABLE SUPERPHOSPHATE.

As the supply of the raw material is very limited, farmers desirous of obtaining a supply of concentrated manure for their Spring seeding should make early application to—

THE MANAGER,

Wellington Tannery,  
Oakfield, N. S.

1880.

### HALIFAX SEED STORE,

192 ARGYLE STREET.

(Established 1866.)

### ALFRED SAUNDERS, PRACTICAL SEEDSMAN, & Co.

Importer and Grower of FIELD, GARDEN and FLOWER SEEDS. Every requisite for Field and Garden.  
Catalogues on application.

Your orders respectfully solicited, and personal care and attention paid to the speedy execution. Agricultural Societies liberally dealt with. mch

### AYRSHIRES.

THE subscriber offers for sale a few choice young Bulls and Heifers, bred from the best stock obtainable in Scotland and Canada.

C. P. BLANCHARD,  
Hillside Farm, Truro.

jan

### PURE HIGH GRADE FERTILIZERS!

"CERES" SUPERPHOSPHATE, manufactured by the Etivan Phosphate Company, analyzed by Professor Lawson;

ALSO,

PURE BONE MEAL.

NITRATE OF POTASH.

GERMAN POTASH SALTS.

SULPHURIC ACID.

SUPERPHOSPHATE DISTRIBUTORS.

At lowest Market Rates, for sale by

JACK & BELL.

General Agents Etivan Phosphate Co.,

Office Pickford & Black's Wharf,

Box 345. feb 1

### RAW GROUND GYPSUM.

THE subscriber is prepared to supply farmers with this important article—it is invaluable for preserving the ammonia, the richest part of the manure. It should either be scattered in stables or mixed in the compost heaps. Can be delivered at Truro Station; price by single barrel, 70 cents.

Address— WALTER MARSHALL,  
Clifton, Colchester Co.

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### FOR SALE.

THE subscriber offers for sale the following thorough-bred animals at a bargain:—

#### AYRSHIRES:

1st. "Talbot 3rd," No. 333. Two years old March 10th. Girth 6 ft. 2 in. He is large and handsome.

2nd. "Kenelm," No. 420. One year old 28th February. Took first prize at Halifax, in 1879.

3rd. "Zulu." Dropped November 5th, 1878. Took second prize at Halifax. For size and beauty cannot be surpassed.

4th. "Nicholas," No. 421. One year old.

#### DURHAMS:

1st. "Snowball," No. 382. Two years old December 7th, 1879.

2nd. "Peter Grant." Dropped May 27, 1879.

ALSO.—One Cow "Miss Maud," No. 136. Five years old. Due to calve June 24th.

JOHN W. MARGESON,

Cornwallis,  
King's Co.

mch 1

### FOR SALE.

Thorough-Bred Jersey Bull,  
ASHBOURNE, NO. 114, N. S.

BRED by J. B. Duffus, Esq., Halifax. Calved May 8, 1874. Sired by Comet 2; out of Jesamine, 103 Am., by imported Comet. Dam, Browney (prize cow). Took first prize at Halifax Exhibition in 1874.

Apply to—  
apl PROFESSOR LAWSON, Halifax.

### FOR SALE.

THE pure-bred Ayrshire Bull WALTER LACE 2nd, No. CCLXXXVI, N. S. Register. Calved May 27th, 1877; bred by Henry Burrill, Esq., Yarmouth; weighs now 1528 pounds. For certificate of registered pedigree, price, terms, &c., apply to—

HUGH McMILLAN.

Port Hastings, C. B., March 20, 1880. apl

### FOR SALE.

JERSEY BULL, No. 148, SEAFOAM. Calved June 17, 1877; bred by the subscriber; sired by Lord Seaford, 103; dam, Fairie, 105.

Apply to— E. & S. SMITH,  
Ballfield Farm, Windsor.

apl