

**AGE OF CATTLE.**—The calf is usually born with two fore or cutting teeth, and at a month old the whole eight are cut. The age is then guessed at by the wearing down of these teeth until the calf is eight months old, when they begin to become narrower and smaller. At eight months, the two centre teeth are smaller than the rest; and from that time until eighteen months the others gradually diminish, until the whole are very considerably lessened in size and stand apart from each other. At two years old the two middle teeth are pushed out, and succeeded by two permanent ones; at three, there are four permanent teeth; six at four years; and all the eight at five, when they are said to be full mouthed, but he is not actually so until six years old, when all the eight are level.

A good judge of cattle will generally determine the age with considerable accuracy for many years after that. From six to nine, he will be guided by the wearing down of the teeth, and after that by the diminution in the bulk, as in the milk-teeth. At nine the two middle fore teeth are evidently smaller and narrower than the rest; at ten the two next are so; and so on until twelve, when, as in the steer of two years, the teeth again begin to stand singularly apart from each other.—*American Stock Journal.*

#### FOR SALE.

**THE** pure-bred Jersey Bull **ROUND ROBIN.** Took first prize in his class at the last two Provincial Exhibitions. Present age 33 months. This Bull has proved a sure stock-getter, is of good size, form and colour, and is descended from noted prize-takers at the Jersey Royal Agricultural Show in 1870, on both the sire and dam side. For price, terms, &c., apply to **DR. GEORGE LAWSON,** Halifax, or the subscriber at Truro.

**ISRAEL LONGWORTH.**

Truro, Dec. 8th, 1877.

#### GROUND BONES! GROUND BONES!

A **LENGTHENED** experience in Europe and the United States has shewn this to be the most valuable fertilizer for every crop.

During the past season **THE PROPRIETOR OF THE WELLINGTON TANNERY** has totally altered his machinery for preparing this valuable manure, and is now prepared to supply Agricultural Societies and the public generally with

#### FINE GROUND BONES

of a quality far superior to any that can be imported.

**PRICE**—Delivered at Wellington Station—  
Fine Ground Bones . . . \$35.00 per ton.  
Fine Ground Bones . . . \$2.00 per cwt.

The machinery being now in thorough working order, orders will receive prompt attention and despatch.

As the supply of **BONES**, in this Province obtainable for grinding is yet very limited, customers are requested to send forward their orders as early as possible, in order to ensure obtaining a supply for this year's crop.

Address:

**MANAGER, WELLINGTON TANNERY,**  
May 1 Oakfield, Halifax County.

#### FOR SALE.

**THE** Subscriber offers for sale his thoroughbred Bull 2nd Gwynne of the Forest, 18 months old. Certified Pedigree. Took First Prize at the Provincial Exhibition, Kentville, and also at County Exhibition, Truro, 1877. This Bull is of the celebrated and fashionable Gwynne tribe, and a very fine animal and pronounced by good judges superior to any imported of the same age.

Societies wishing to purchase will do well to communicate with the Subscriber at once as to terms and price.  
**J. B. FRASER.**  
Shubenacadie, Oct. 29th, 1877. nov.

#### Fourt's Patent Hay Loader.

**W**arranted to load a ton of hay from the winrow in five minutes.

One of the Judges of Provincial Exhibition held in Truro, 1876, says "it is worthy the most careful attention of our farmers."

Prize Medal and honorable mention, Centennial Exhibition, 1876.

Certificate of Merit, Provincial Exhibition, Truro, 1876.

Orders for delivery in June, 1877, solicited.

**GEO. W. JONES,**

30 Bedford Row,

General Agent for the Lower Provinces.

Agents wanted in unrepresented districts.  
nov 1-7m

#### Thorough Bred Devon Herd.

#### ELLESMERE PIGS.

Oakfield Station on Intercolonial Railway,  
close to House.

#### SURPLUS STOCK FOR SALE.

**BULL "PRESIDENT,"** 3 years old, dam Margaret, sire Hartland 2nd, took 1st prize as 2 year old at Truro in 1876, and 1st prize as calf at Halifax in 1874. Price \$150.

**Bull SIR HASTINGS,** 2½ years old, dam Lady Pink, sire Havelock, took first prize as yearling at Truro in 1876. Price \$150.

**Bull PRINCE ALEXANDER,** 2½ years old, imported by Central Board of Agriculture, from the Herd of Her Majesty the Queen at Windsor, took 2nd prize at Truro as 2 year old. Price \$150.

**Bull SIR CHARLES NAPIER,** 2 years old, dam Violet, sire Havelock. Price \$100.

**Heifer ORANGE,** 2 years old, dam Lady Anne, sire Havelock, in calf to Prince Alexander, took 2nd prize as yearling at Truro. Price \$80.

**Heifer KALMA,** 21 months old, dam Margaret, sire Hartland 2nd. Price \$80.

**Heifer MARGOLD,** 13 months old, dam Violet, sire Havelock. Price \$60.

**Heifer POPPY,** 12 months old, dam Lily, sire The President. Price \$60.

**Heifer LARKSPUR,** 11 months old, dam Mayflower, sire Havelock. Price \$60.

**Heifer CARNATION,** 11 months old, dam Mayflower, sire Havelock. Price \$50.

**Heifer HEARTSEASE,** 10 months old, dam Lady Pink, sire Havelock. Price \$50.

**Heifer HAWTHORN,** lately calved, dam Tulip, sire Prince Alexander. Will be sold when weaned. Price \$35.

Several Bull Calves of the present season, at prices varying from \$40.

Also, a few thorough bred YORKSHIRE (ELLESMERE) PIGS, from imported Stock.

Apply by letter to

**COLONEL LAURIE,**

Oakfield

The prices given are for cash, but for large sums good notes will be taken, and payment from Agricultural Societies may be made by orders for next year's Government grant, endorsed by Secretary of Central Board.

#### LUCYFIELD FARM,

Old Windsor Road, 14 miles from Halifax.

#### PURE ELLESMERE PIGS FOR SALE.

**TWO LITTERS,** six weeks old, \$10 each.

**ONE LITTER** of three-fourths Ellesmere, six weeks old, \$5 each.

Apply at the Farm, or by letter, to

**DR. G. LAWSON,**

dec 1

HALIFAX.

#### HALIFAX

#### VETERINARY COLLEGE.

[Established 1877.]

#### COURSES OF LECTURES AND FEES

**THE** Curriculum extends over three Sessions of six months each, commencing 3rd Jan., 1878. For the whole course of three Sessions the fees are \$150, or may be paid in three payments of \$50 each Session, to be paid on entry, and \$5 as Registration fee to be paid on receiving the Diploma. Members of the Medical Profession are only required to attend one full Session.

Gentlemen wishing to attend one Session on Lectures of the Horse and its diseases, or of Cattle, can do so by paying \$10 each Session.

STAFF AND SUBJECTS TAUGHT.

*Physiology, Histology and Pathology.*—Professor Sommers, M. D.

*Botany.*—Professor Page, M. R. C. S., London.

*Chemistry.* Certificates of Attendance on the course of Lectures by Professor Lawson in Dalhousie College will qualify for the Veterinary College.

*Veterinary Medicine and Surgery.*—Professor Byrne, V. S., Edinburgh.

*Veterinary Anatomy and Practical Anatomy.*—Professor Byrne, V. S., Edinburgh.

*Veterinary Materia Medica and Pharmacy.*—Professor Byrne, V. S., Edinburgh.

*Entozoa of Domestic Animals.*—Professor Byrne, V. S., Edinburgh.

*Clinical Instruction.*—Prof. Byrne, V. S., Edin. For further information apply at 7 North Park Street, Halifax.

**CHARLES BYRNE, V. S., Edin.,**

Principal.

Halifax, Oct. 31st, 1877. nov-6m

#### W. E. STARRATT,

MAPLE GROVE,

Paradise, Annapolis County.

**BREEDER** of Thorough-bred AYRSHIRE CATTLE, from Imported Stock. Some extra young bulls for sale.

TERMS MADE TO SUIT PURCHASERS.

#### The Journal of Agriculture

—is published monthly by—

**A. & W. MACKINLAY,**

No. 10, GRANVILLE STREET,

HALIFAX, NOVA SCOTIA

TERMS OF SUBSCRIPTION:

Fifty cents per annum—payable in advance.  
Single copy five cents.

Printed at the Office of the Nova Scotia Printing Company, corner of Sackville and Granville Streets, Halifax, N. S.