

AGRICULTURE.

FEEDING CATTLE.—In young growing animals the powers of digestion are so great, that they require food which is less rich than such as are of mature age. They also require more exercise. If rich food is supplied in liberal quantities, and exercise withheld diseases are generated, the first of which may be excessive fatness; growth is impeded by very rich food, for experience shows, that the coarsest feed animals have the largest bones. Common sense will suggest the propriety of preferring a medium course between very rich and very poor nutriment.—London.

Regularity of feeding cattle is of prime importance. Three times a day, precisely at a certain hour, cattle, according to Mr. Lawrence, should be furnished with their food. Mr. Deane observed, that neat cattle and horses should not have so much laid before them at once as will quite serve to fill them. The hay they have breathed on much they will not eat up clean, unless they are very hungry. It is best, therefore, to fodder them twice at night, and twice in the morning. Let neat cattle as well as horses have both light and fresh air let in upon their fodder when the weather is not too cold and stormy to allow the windows to be open. What one sort of cattle leave should be thrown to another sort. Those who chew the cud will eat the leavings of those that do not, and vice versa.

STABLES.—Young horses generally are accustomed to live and breathe in a pure and open air till they come of age, and are fit for labour: it is then found convenient to house them; this produces a considerable change in their bodies, and makes them liable to be greatly affected by the temperature of the air which surrounds them, and in which they breathe.

That stables are generally kept too close and hot, requires no demonstration as every one who goes into them, even when the air is pretty cool, must have discovered this from their own feelings; and in the summer season the heat within them is increased to a great degree. What renders it still worse, it frequently happens that from the situation and structure of many stables, no opening can be made to allow a sufficient quantity of fresh air, so as to enable horses confined in them to breathe with any tolerable degree of freedom. The door is the entrance for air, and that can only happen occasionally when it is open. It is true the intercourse that must unavoidably take place through the day in going out and in renders such stables tolerably fresh aired, yet in the morning when the door has been shut for some hours through the night, and especially in the summer, the heat is intolerable, and the air, so foul that a man can hardly breathe in it, whilst at the same time the sharpness of the salts, arising from the horse's urine, &c. attacks his nose and eyes, and occasions a copious discharge of tears.

SEED WHEAT.—A writer in the Va. Herald recommends that wheat intended for seed should become entirely ripe before reaping; believing it less liable to be injured by the fly, or the winter. He is also satisfied that smut is mainly attributed to unripe seed wheat.

Let every farmer divide his pasture ground as he pleases. Let the fence between his arable and pasture land be as strong as an external fence. But, if possible, let his arable ground, though it be a hundred acres, be in one lot. Then his plough runs clear in a long furrow. His tillage is divided only by the different species of grain and vegetables he cultivates. There are no fences of consequence, no inconvenient and worthless headlands; no apology for thistles and nettles. The scene is beautiful to the eye. The whole has the appearance of a garden, and begets in the farmer a sort of horticultural neatness.—Gardners' Journal.

MANURE.—Farmers might make a valuable addition to their farm yard manure, by digging a hole at a convenient distance from their kitchen, about three or four feet deep, and sufficiently wide to form a common receptacle for the various matters originating in, and about the house, extending a paved gutter from the kitchen to it, to conduct soap suds and other useless slops into it. When it becomes offensive, the offending matter should be covered with earth. That which was thrown up in digging the hole may be applied so long as it lasts. Care should be taken to prevent the water from without from running into it. The receptacle may be hid from sight, by planting an evergreen hedge around it, leaving an opening at the back for putting in and taking out the contents.

To preserve Cucumber plants from bugs and flies.—Break off the stalks of onions which have been set out in the spring and stick down five or six of them in each hill of cucumbers and the bug will immediately

leave them. It would be well after a few days to renew them, but one application has frequently been found to be effectual. The common chives or sives, will have the same effect with the onion.

WHY CREAM COLLECTS ON THE SURFACE OF MILK.—There are numerous familiar effects which are manifestations of the principle now explained. When a vessel of milk is allowed to remain a certain time at rest, it is observed that a stratum of fluid will collect at the surface, differing in many qualities from that upon which it rests. This is called cream, and the property by which it ascends to the surface is its relative levity. It is composed of the lightest particles of the milk, which are, in the first instance, mixed generally in the fluid, but which, when the liquid is allowed to rest, gradually arise through it, and settle at the surface.—DR. LARDNER'S CABINET CYCLOPEDIA, VOL. XVII.

JOSEPH COPP & CO.

Most respectfully inform their friends and the Inhabitants of MIRAMICHI, that Joseph Copp is just returned from England with an extensive and fashionable assortment of

SPRING GOODS,

Comprising—black and coloured Gross de Naples, Sarsnets, Per-tans, Norwich crapes, Bombazeens, Bombazeets, Plaid Stuile, Scotch Tartans, Batist dresses, printed Cambric, and Jaconet Muslins, plain and figured Muslins of all descriptions; India and British Silk Shawls. Cotton, Cloth and Cassamere Shawls; Silk, Gauze, Muslin and Cambric Handkerchiefs, a rich assortment of ribbons, Thread Lace, and Lace Veils, Bobbinets, Silk Velvet and STRAW BONNETS, Silk, Cotton and Worsted Hose, Irish Linen and Long cloth Shirtings; Diaper and Damask Table Linen; Linen and Cotton Shirts, Checks, Homespun Cotton, Calicoes, Jeans, Fustians, Cords, Flated and Beaver HATS, Flannels, and a superior assortment of Gentlemen's ready made Clothes.

HABERDASHERY, HARDWARE,

and various other articles are now ready for inspection at their store in Newcastle. The advantage Joseph Copp & Co have over the trade in general, is from Joseph Copp's attending the best Markets, where he has an opportunity of selecting every article of the best Manufactory which enables them to offer their Goods so very low that they cannot fail in giving general satisfaction.

Joseph Copp & Co. return their sincere thanks to their Friends, and Inhabitants of Miramichi, for their kind and liberal support hitherto received. In soliciting a continuance of their future favours, they desire to assure them, that there shall be nothing wanting on their part to merit their support.

Newcastle, 20th May, 1831.

NOTICE TO JOINERS, MASONS, & PLASTERERS.

ESTIMATES will be received at the office of GILMOUR, RANKIN & Co., on Saturday the 20th inst. at 3 o'clock, P. M. for completing the Joiner, Mason, and Plaster work, of A MANSE, for St. James's Church, Newcastle, agreeable to a plan and specifications in the hands of Gilmour Rankin & Co.

Satisfactory security for the performance of the above Contracts will be required.

Newcastle, 6th August, 1831.

NEW STAGE.

GEORGE WILSON, begs respectfully to intimate to his friends and the public, that he will on Wednesday next commence to run a STAGE WAGON, between CHATHAM and the FERRY at Newcastle, three times a day, leaving the Royal Hotel every morning at 8 o'clock, 12, noon, and at 4 in the afternoon; the ferry hour at 10 o'clock, forenoon, and 2 o'clock, and 6 o'clock in the afternoon: Fare 1s. 6d. He flatters himself, by paying strict attention to the ease and comfort of Passengers, to merit the Patronage of a generous public.

August 6, 1831.

SHERIFF'S SALE.

To be sold by Public Auction on the Twelfth day of February next, at Hamill's Hotel, Newcastle, between the hours 12 and 5 of the same day.

ALL the Right, and Title of DAVID BETTS, Senior to all that tract of Land and premises and also to the Buildings and Improvements thereon, situated on the south side of the south west branch of Miramichi River, in the parish of Blissfield in the County of Northumberland, lately in the possession and occupation of the said David Betts and now in possession and occupation of his family, together with all other Real Estate of the said David Betts in the County of Northumberland, where-soever situated, the same having been taken by me under an Execution issued out of His Majesty's Supreme Court of this Province, against the said David Betts at the suit of John A. Street, Esq.

RICHARD S. CLARKE, SHERIFF.

Chatham, 4th August, 1831.

Custom-House Blanks,
Of various kinds for sale at this Office.

LAND BY PUBLIC AUCTION.

On Saturday, 20th August, 1831, at 12 o'clock, noon, in front of Messrs. Joseph Cunard & Co's Store, in the Town of Chatham, will be offered for sale, by Public Auction, A LOT OF LAND situate at Point Cheval, at the entrance of Nappan River, Parish of Glenelg, lying between the Lot owned and occupied by the late John Taylor, deceased, on the upper, and a Lot owned by the late Alexander Taylor, Esq. deceased, on the lower side; is about 60 rods front, has a good SALMON FISHERY, and a MARSH, on which considerable Hay may be cut annually.

Also, part of that valuable Lot of Land, 60 rods front, with a large clearance thereon, situate in the Parish of Chatham, being Lot No 42, owned and occupied by the late Alexander Taylor, Sen. deceased, bounded on the upper side by a Lot occupied by the late Samuel Waddleton, deceased, and on the lower side by a Lot in the occupation of Denn's Lane, and known as the Ballast Pond Lot. For terms of sale and other particulars, apply to

J. M. JOHNSON, AUCTIONEER.

August 6, 1831.

NOTICE.

ALL persons having any just demands against the Estate of GEORGE LEGGETT, late of Chatham in the County of Northumberland, deceased, are requested to render their accounts duly attested within three months from the date hereof, and all persons indebted to the said Estate are requested to make immediate payment to

JAMES LEGGETT, SOLE ADMINISTRATOR.
Chatham, June 22.

ALL persons having any just demands against the Estate of COLIN M'LENNAN, late of Chatham in the county of Northumberland, deceased, are requested to render their accounts duly attested within three months from the date hereof, and all persons indebted to the said Estate are requested to make immediate payment to

ALEX. M'LENNAN, ADMINISTRATOR.
Chatham, May 24.

NOTICE.

ALL persons having any just demands against the Estate of the late JOHN M'NAUGHTON, of the parish of Glenelg, in the county of Northumberland, deceased, are requested to render their accounts duly attested within three months from the date hereof, and all persons indebted to the said Estate are requested to make immediate payment to

MARGERY M'NAUGHTON, Administratrix.
DONALD M'NAUGHTON, } Executors.
ALEX. CAMERON, }
Miramichi 21st June, 1831.

ADVERTISEMENT.

In the Press, and shortly will be published,
A LETTER TO THE PUBLIC,

being

An Appeal to Justice and Equity.

BY

WILLIAM JOHN LAYTON.

JUST PUBLISHED.

and for sale at this Office, an Abridgement of the Most Rev

Dr. JAMES BUTLER'S

CATECHISM

Lately revised, enlarged, and approved and recommended by the four R. Archbishops of Ireland, for the use of Children; and for all persons, old and young, who has not time, opportunity, or capacity to learn a longer Catechism.

With the necessary instructions on Prayer, Mass Confession—Confirmation and communion, &c.

BLANKS

Of various kinds for sale at this Office.

The Gleaner, is published every TUESDAY morning, by JAMES A. PIERCE, at his Office, at Chatham, where Advertisements, and all Orders in the Printing Line, will be thankfully received, and promptly executed. Terms—17s. 6d. per annum, if paid on the publication of the first number in every year, or 20s. half yearly in advance, (exclusive of Postage).

Advertisements not exceeding fifteen lines, 5s. for the first, and 1s. for every subsequent insertion. All Advertisements must be accompanied with the Cash, and the insertions will be regulated by the amount received. All communications addressed (post paid) to the Editor, or any of the Agents, will receive immediate attention.

AGENTS FOR THIS PAPER.

Fredericton—Mr. A. C. Starritt. St. Andrews—George Dixon Street Esq. County of Kent—John W. Weldon Esq. County of Gloucester—Thomas M. Deblois, Esq. South West Branch of this River—Mr. D. McGrigor. Dorchester—Mr. J. B. Morrison Pictou—Mr. D. Sutherland.