

## AGRICULTURE.

From the Maine Farmer.

## SALTPETRE—AS A MANURE.

Much interest is being taken in the use of Saltpetre as a manure—though no experiments seem to have been made in this country of any extent or decisive character, with it. In Europe, formerly, it seems to have attracted attention, with favorable results.

George Rimerly communicates the result of experiments made with saltpetre to the Royal Agricultural Society, as follows:—

As to my own experience, it was in the year 1827 that I first used saltpetre in any quantity, and as it is my constant practice to try every artificial manure by some standard of known value, I manured part of 14 acres of seeds in the autumn of 1826 with ten cart loads of good dung per acre, leaving a portion in the centre of the field to be dressed with saltpetre in the following spring. The decomposition of the dung, and the protection it had afforded during the winter, caused the clover thus manured to be very rank and forward in growth, and far superior to the unmanured parts, which looked weak and bare. I however waited until the clover had just begun to grow, and then, after having reduced the saltpetre to a fine powder, it was sown by hand on the land left for that purpose.

In about a fortnight from that time I went to examine it, and could see distinctly where the saltpetre where the saltpetre had been used: it already surpassed the part manured with horse dung in the breadth of its leaves, and richness of its color, which was changed to a very dark green, and it continued through the season to grow with a luxuriance of vegetation that produced a very large crop of clover, quite equal, if not superior to that of the horse-manure; nor could we distinguish any difference in the value in the succeeding crop of wheat. The saltpetre was used at the rate of 1 cwt. per acre; cost, 26s. 6d. in London; carriage and sowing included, about 29s. per acre. The expense would have been much increased had not the field been near the farm. The trial was on sandy land of moderate quality. I could add a great number more experiments, which would be but a repetition of the above, and I have used it on spring corn with equal success. I also recommended it to a friend, who tried it on oats, barley, and grass, and a few weeks after the application I had an opportunity of inspecting the crops, which were considerably higher and of a much darker green where the saltpetre had been used than the other parts of the fields, and were judged to contain from 8 to 12 bushels of corn more per acre. Its effects were equally striking on the meadow. It was used at 1 cwt. per acre.

Another experiment is given by the Earl of Zetland; he says—

In May last I sent a ton of the nitrate of soda from London to Upleatham, in the North Riding of Yorkshire. I directed that it should be tried on wheat, turnips, and meadow-land, at the rate of 11-4 cwt. per acre. I am now of opinion that it was too late for wheat; for, although it appeared to make the straw grow stronger, I do not believe there was any material increase in the quantity of grain over the adjoining land which was not manured. For turnips, I consider it entirely failed, and was of no use whatever; but on the meadow-land its effects were astonishing. In the course of nine or ten days after the application it could be seen to an inch where it had been sown; and, on

mowing the field, 90 square yards were measured, and the grass carted off as soon as cut, and weighed; the weight was 30 stone, of 14 lbs. to the stone. The same quantity was then measured off that part of the field immediately adjoining, which had not been dressed with the nitrate of soda; that part was cut and weighed in the same manner, and the weight of it was only 14 stone. I must add that the land was of precisely the same quality in the same field, and the whole field had been equally well manured in the winter with good farm-yard manure.

I afterwards had it tried on several meadow-fields after the hay had been carried, and the effect was visible by a great increase in the growth of the after-grass; and both cattle and sheep seem to eat it greedily.

From the Genesee Farmer.

**Care of Farming Tools.**—We believe it may safely be asserted, that the farmer in a course of years sustains as much loss, or is put to as much expense in procuring tools, by their decay in consequence of needless exposure, as from their actual wear on the farm. How many are the instances in which the farming implements, the plows, harrows, roller, &c., instead of being carefully housed when their use for the year is over, are left in the fields, or peradventure, drawn up in battle array in front of the house, occupying a good portion of the road, and when covered with snow, forming most convenient places for breaking horses legs, tearing off shoes, &c. &c. Perhaps, in addition to these, are sundry wagons, carts, hay racks, and other necessary things, like the former, exposed to the decay which must result from exposure to the rains, the freezings, haws and snows of winter. Now, one such season of exposure does more to weaken the wood of these implements, promote decay, and render new purchases needful, than their ordinary wear on the farm, with careful usage, and protection from the weather. As a general rule, it may be remarked that no implement, tool or carriage, of any kind, should be exposed when not in use. Those not wanted in the winter should be secured from the weather during that time; and so with those not required during the summer season, as sleighs, sleds, &c. The skillful, thrifty farmer is known by his attention to the minor points of agriculture, by his care to save, as well as to acquire; and he who neglects the lesser things cannot fail to find the drawback on his profits large and constant.

**Phoenix Foundry.**

Under the special Patronage of His Excellency Sir H. V. Huntley, Lieut. Governor.

## NEW ESTABLISHMENT.

The Phoenix Company beg to announce to the Public, the Establishment at the old and well known premises of Messrs. Waters & Birnie, in Charlottetown, of a

**BRASS and IRON FOUNDRY,**

and soon after the Spring arrivals will be happy to receive orders for all descriptions of Castings for Mill-work, Farming Utensils, Stoves, and Machines for various purposes, Fire and Garden Engines, on the most approved principles for effective operation.

The services of Mr William C. Hobbs, a native of this Island, who is well skilled in all these various branches, have been engaged.

GEORGE BIRNIE,  
Superintendent.

Charlotte Town, March 15, 1842.

**TO LET,**

And may be entered upon immediately. The BLACKSMITH'S SHOP, formerly occupied by Cameron & Barn, and latterly by C. B. Brymer, in the Town of Chatham, situate on the Public Lot Also, the HOUSE BARN, and FARM, at the Point, French Fort Cove, Parish of Newcastle

For particulars, enquire of Messrs. STREET & KERR, or

JOHN M. JOHNSON.

December 1, 1840.

## SHERIFF'S SALES.

To be Sold at public Auction, on the premises in Newcastle, on Saturday, 31st December next, between the hours of 12 and 2 o'clock, P. M.

All the Right, Title, Claim and Demand of DARBY DOOLING, in and to all that piece of LAND, with the DWELLING HOUSE and Improvements thereon, situate in the Town of Newcastle, and now in his possession, bounded Southerly by the Square, Westerly by the property of Hugh Morrell, Easterly by the Lands lately owned by Samuel Payne, and Northerly by Lands owned by the Estate of John Harkins, deceased, the said piece of Land being a part of Town Lot No. 20 in Block B of the public Lot, formerly leased by the Justices of the county of Northumberland to William Wright, and Thomas S. Prouty,—the same having been seized by me by virtue of an Execution issued out of the Supreme Court, at the suit of John Nesmith, Esquire, against the said Darby Dooling.

JOHN M. JOHNSON, Sheriff of Northumberland.

Sheriff's Office, 14th May, 1842.

To be Sold at Public Auction, on Saturday, 17th September next, in front of Hamill's hotel, Newcastle, between the hours of 12 and 5 o'clock, P. M.

All the Estate, Right, Title, Interest, Claim and Demand—

Of ALEXANDER HENDERSON (of Moorfield's)—in and to certain Lands situate in this county, or so much thereof as may be necessary to satisfy an Execution issued out of the Supreme Court at the suit of J. & G. J. Parker, against said Alexander Henderson.

Of GEORGE SUTTON—in and to a certain Lot of LAND situate on the Little South West, on which he formerly resided—being part of the Beckwith Tract; the same being seized by me to satisfy an Execution issued out of the Supreme Court at the suit of John Cuppage against the said George Sutton.

J. M. JOHNSON, SHERIFF.

Sheriff's Office, North'd }  
March 8, 1842: }

To be Sold at Public Auction, on the Second Tuesday in February, 1843, in front of Hamill's Hotel, Newcastle, between the hours of 12 and 5 o'clock, P. M.,

All the Estate, Right, Title, Interest, Property, Claim and Demand, of CHARTERS SIMONDS, in and to certain LANDS, situate in the County of Northumberland, owned by the late Honorable Richard Simonds, deceased, at the time of his death; the same having been seized by me to satisfy an Execution issued out of the Supreme Court, at the suit of James Simonds, against the said Charters Simonds.

JOHN M. JOHNSON, Sheriff.

Sheriff's Office, North'd }  
1st August, 1842. }

**TO LET.**

The HOUSES in Queen Street lately occupied by Mrs. Thomson, and Mr Blanchard, These will accommodate either two or three families, and will be Let to suit applicants at a reduced rent—if immediate application be made to

W. CARMAN, Jun.

**TO LET,**

And Immediate Possession given. The DWELLING HOUSE, in Queen Street, adapted for one or two families, owned and at present occupied by Mrs. Hodgson. Rent at a reduced rate. Apply at the Gleaner Office. Chatham, June 27, 1842.

**Wanted!**

An active intelligent PERSON as a DEPUTY SHERIFF for Northumberland. One acquainted with the localities of the County would be preferred. Security will be required; and residence at or in the vicinity of the Court House. Apply to  
J. M. JOHNSON, Sheriff.  
6th June, 1842.

NOTICE.—The Subscriber having closed her business, has placed all her Notes of Hand, Books and Book Debts, into the hands of Edward Williston, Esquire, Solicitor, for Collection; of which the several debtors will take notice and pay the respective amounts due without delay, and thereby avoid Law expenses  
BRISEIS HENDERSON.  
Newcastle, 19th May, 1842.

CENTRAL FIRE INSURANCE COMPANY  
NEW-BRUNSWICK.

FREDERICTON. Capital Stock £50000, Committee of reference at Newcastle, and Chatham.

Thomas H. Peters

John Wright

William Abrams

Michael Samuel

Charles J. Peters, Jun.

Esqir's.

AGENTS

At Newcastle, A. A. DAVIDSON, Esq. Chatham, GEORGE KERR, Esq. Bathurst, WILLIAM STEVENS, Esq. Dalhousie, DUGALD STEWART, Esq.

## H. C. D. CARMAN,

Has now Landing, ex Diadem from London—Ladies Tuscan and Straw Bonnets & Bonnet Shapes,

Boys and Infants Dunstable Hats, Pranela Boots and Shoes, Childrens Kid and Leather do, Gents Clarence Boots, Mens and Boys ready made Clothes Bonnet & Cap Ribbons, Fancy Belts, Silk Bandanas, Color'd Satin and Persians, Challi and Fancy Handkerchiefs, Silk Parasols and Umbrellas, Womens color'd and white jean-Stays, Cotton Reels, Berlin Wools, Ladies Rosewood Work Boxes, Hosiery, Gloves, &c. &c. &c.

—Also—

1 Cheval GLASS, 46x21 inches, 1 gilt Chimney do 34x18 do. Dressing Glasses.

Chatham, June 27, 1842.

**BOOKS.**

Just Received, per the Oxford from Glasgow, a new and large assortment of BRITISH BOOKS, containing most of the Standard Works on Divinity, History and General Literature, well worthy of inspection,—also a

**New Stock of Stationary;**

Comprising a Variety of Ruled, Plain, T. iss, & Blotting PAPERS, Gilt & Black Edgeddo. Envelopes, playing, calling, and conversation CARDS, India Rubber, Slates, Quills, Wafers, &c. &c.

MISCELLANEOUS ARTICLES.—Bibles, Testaments, prayer & psalm Books, school & account Books, Catholic Testaments & prayer Books in great variety, Blank Music Books & Paper; Instructors for Piano Forte, Flute, Violin, &c. story and song Books, Novels, Plays, Poems, Pictures, Albums, Almanacks, and Annuals for 1842.

Chatham Book Store

**CHEAP CLOTHES.**

The Subscriber has just received per the Oxford, an assortment of

**Men's Wearing Apparel,**

Consisting of—Coats, Vests, Trowsers, Shirts, Stockings, &c. &c., which will be sold at unparalleled low prices for Cash only.

G. VARY

**Flour, Indian Meal, Hard Bread, &c.**

The Subscriber hourly expects by the Schr. Isabella, Martin, master, from Halifax, the following Articles, which he will dispose of cheap for Cash—or in barter for ALEWIVES, and SALMON:

Barrels Wheat FLOUR,  
Barrels Superfine RYE do.  
Barrels CORN MEAL,  
Barrels NAVY BREAD  
Barrels PORK,  
Chests of Congo TEA,  
Barrels SUGAR,  
Kegs TOBACCO,  
Puncheons MOLASSES,  
Puncheons Demerara Rum,  
Hhds. Hollands Gin,  
Boxes SOAP,  
Boxes Candles, Cheese, &c. &c.

GEORGE TAYLOR, Jun.

Chatham, 5th July, 1842.

NOTICE.—All persons having any just demands against the Estate of JOHN FRASER, late of Chatham, in the County of Northumberland, Labourer, deceased, are requested to render the same duly attested to the Subscriber, within Three Months from this date, and all persons indebted to the said Estate, are requested to make immediate payment to  
ALEX FRASER, Administrator.  
Chatham, August 1, 1842

**ALE, &c.**

Lately received, ex Columbus, from Leith. EDINBURGH ALE, } in Casks of 3½ dozen.  
LONDON PORTER, }  
Both of Superior quality.

For Sale by

DUNCAN & LOCH.  
Newcastle, 18th July, 1842

**Immigration Notice.**

All persons having any Lands either wilderness or improved, FOR SALE, will please give an account of the same, with the situation and capabilities thereof, and the probable price of the respective Lots, to either of the Secretaries of this Society, in order that the said Lands may be offered to Emigrants wishing Lands for actual settlement.

EDWARD WILLISTON,

Recording Secretary

Newcastle, January 2, 1842.

Printed & Published every Monday Evening, by JAMES A. PIERCE, at his Office, Chatham, Miramichi. Price—15s. per annum, if paid in advance, or 20s. half yearly in advance.—Advertisements not exceeding 15 lines, 5s. the first, and 1s. for every subsequent insertion, and if from persons with whom we have not an account, must be accompanied with the cash, otherwise they will not meet with attention.