

## Agricultural.

## Top dressing Grass Lands.

Now is the time says the *New England Farmer*, to commence the preparation of materials for this important work. Some persons doubt whether the application of manure to the surface of grass land is the best mode of using it. This depends upon two circumstances, viz:—

- 1 Upon the nature of the soil.
- 2 Upon the time of application.

Top dressing will continue to bring a crop longer on a moist soil than on a dry one, first because such land is the best adapted to grass, and secondly, because the manure, by being kept moist, is brought into a state of decomposition, and becomes prepared as food for the plants, instead of its drying up. Top-dressings, therefore, for high lands, should be applied in the spring, as early as March, or the first part of April, so as to receive early rains, and get thoroughly leached, and the coarser particles washed down among the roots of the grass, before the hot and dry weather comes on. Or, it may be applied—late in November, when it will receive the later rains and be leached by them, or be covered with snow to be melted upon the dressing, and thus carry its fertilizing properties gradually to the grass-roots during the winter and spring.

It is unpopular—we are fully aware—to recommend top-dressing for high and dry lands; still we believe it to be a profitable way of fertilizing, when it is done judiciously. The error consists in cropping the land for many years without manuring until not only the fertilizing agents are exhausted, but the roots of the grass themselves have either died for want of food, or have been driven out by plants more hardy and persistent than themselves. When a field is in this condition it is folly to top-dress it. There is no basis upon which to act. The dressing was deferred too long—there is no recuperative power left. The remedy for such land is through the plow, manure, cultivation, and plenty of seed, or all these, excepting the cultivation, which may be omitted by turning over the sod and laying down in August, or early in September.

In a wet season something may be done on high lands by spreading fine compost manure liberally, scattering on grass seed and harrowing. Clover, sown early in April, in this way, will sometimes succeed well. If the farmer would be watchful, manure his fields in season, occasionally scattering a little seed over them, while producing liberal crops, he might save considerable expense in plowing and re-seeding. All this, however, should not prevent a judicious rotation of crops, and, in turn, bringing the grass fields into cultivated ones, which is undoubtedly the course that will secure the most certain profits.

The time when top-dressing should be applied, is a question upon which our best farmers do not agree. What is needed, is a copious rain immediately after the dressing is spread; but as we cannot command this, we must exercise a sound judgment in the matter and be content with the result. If the compost cart could follow that which carries away the hay, and a liberal shower follow perhaps there would be no better time to apply the dressing; and in a moderately moist season, this course would succeed well. March, and early April are good seasons but then the objection exists of cutting up the fields by the feet of the team, and the wheels. In the autumn there is little danger of this, unless the season be very wet; the more pressing work of the warm season is out of the way, and upon the whole perhaps this is the best for the operation. The third point requiring care, is the condition of the dressing when it is used. It should be rich, that is made of good materials, and fermentation not carried so far as to set free its gaseous properties; and then it should be fine—if as fine as sand, so much the better. This will allow of its being spread evenly and present such a surface to the rains and dews as to have every part of it quickly penetrated and its fertilizing properties carried to the roots below.

**STORING POTATOES.**—The following are a few useful and timely hints on this subject from the *Scottish Farmer*:—Before the appearance of the disease in 1845, it was quite common to store potatoes in large masses in houses. The roots would keep sound in this state through the greater part of the winter. No fermentation was induced, and any little heat generated had the effect of causing the roots to sprout. Since that time, however, things have been entirely changed. In 1845 the larger portion of the crop was taken up to all appearance quite sound; but when ever it was stored in large pits or in houses a destructive fermentation was induced, which speedily reduced the roots to a rotten mass. It has been observed that thunderstorms seem to stimulate the latent seeds of the disease, and promote first the destruction of the haulm and then of the tubers.

It has been found that putting together potatoes in large quantities has often had the effect of spreading the taint through the whole. For this reason it is seldom that they are now stored in houses. The smaller the quantities that can be put together the better, as it will diminish the risk of their spoiling. The narrower, therefore, the pits are made so much the more chance is there of the roots keeping through the winter, and not sprouting prematurely in spring.

It is far from advisable to begin to store before the weather becomes cool, as heat is very apt to spread the destructive taint.

No man can leave a better legacy to the world than a well-educated family.

## Hotels.

## RENFREW HOUSE.

THE Subscriber having leased that new and Commodious

erected by W. T. Baird, Esq., would inform his friends and the traveling public in general that it is now open for all who will favour him with a call, and hopes, by strictly attending to the wants of his patrons he will merit the continuance of the patronage heretofore so liberally bestowed upon him.

THOS. W. SMITH.

A Commodious yard and stable, and a good Hostler in attendance.

31 PER DAY

**ST. JOHN HOTEL**

COR. OF KING AND CHARLOTTE STS.

KING SQUARE, ST. JOHN, N. B.

P. T. WHITNEY, Proprietor.

A Good Stable connected with the House.

17.

**PUBLIC HOUSE.**

The Subscriber would respectfully inform the travelling public, that he has again become a tenant to the public want—he has opened a house for the Entertainment of the wayfarer, at the old Longacre Stand, Lower Prince William, just above Mansur Atkinson's, where he will ever be found ready and willing to make all feel at home who may favor him with a call.

JOHN MARSHALL.

Lower Prince Wm., Oct. 25, 1861—22

**CROZIER HOUSE.**

GRAND FALLS, N. B.

By C. E. SLOCUM, who would respectfully inform his friends and public generally, that he has opened this well known house and put it in order for their accommodation. All are invited to give him a call, and although he cannot promise to furnish intoxicating drinks, still he hopes the necessities, convenience, and comfort of life found about his premises, will not fail to give satisfaction. Its situation in the immediate vicinity of the Falls renders it a desirable stopping place.

Grand Falls, Sept. 28, 1861—15.

**PREEBLE HOUSE,**

PORTLAND, ME.

(Situated on Congress, corner of Preble Street.)

C. H. ADAMS, Proprietor.

This is the largest Hotel in the State, possessing all the modern improvements, and the first class in every appointment.

44—3rd.

**BARKER HOUSE,**

QUEEN STREET, FREDERICTON, N. B.

H. FAIRWEATHER, Proprietor.

Extensive Livery Stables in connection with the above.

**BANGOR HOUSE,**

BANGOR, ME.

G. W. IARRABEE, Proprietor.

The Largest and Best Central House in the City. Nearest to RAILROADS AND STEAMBOATS.

Livery Stable connected with the House.

**AMERICAN HOUSE,**

Re-Opened.

The Subscriber has taken the above well-known House, situated in King-Street, and is now prepared to accommodate Transient or Permanent Boarders in a style fully equal to any establishment in the city. A share of public patronage is solicited. Stabling accommodation.

S. B. ESTEY.

St. John, N. B. April 1860.

**PRESQUE ISLE EXCHANGE,**

SUMNER WHITNEY, PROPRIETOR.

MAIN STREET, PRESQUE ISLE, MAINE.

Oct. 13, 1860.

**BARNUM'S**

EATING HOUSE,

IN GRAND TRUNK DEPOT.

PORTLAND, ME.

Meals at all hours. Suppers and Collations furnished to Military and Fire Companies at short notice.

**STOVES! STOVES!! STOVES!!!**

The Subscriber has much pleasure in offering to the public a large and varied assortment of

**COOKING STOVES,**

the best ever offered for sale in this market, at prices to suit customers, as follows:

Gem, small size, \$3 00

Economy, Medium, 4 00

Yankee Notions, with two fire boxes and 5 10

Elevated oven, 6 00

Union and Liberty, Elevated Oven, 6 10

Farmer, Elevated Oven, 6 10

Hampton, Double Oven, 7 00

A very large assortment of

**PLOUGHS,**

consisting of ten different patterns of the very best description, and

MILL IRONS made to order at short notice. Brass and Composition work also made to order at the

**WOODCROFT FOUNDRY.**

R. A. HAY.

South Side Main-street, short notice. Old Iron and Brass taken at the highest price.

**Do you want a PLOW!**

WE would call your attention to a large assortment just received at the

**Houlton Hardware Store,**

Consisting of all sizes of the

**Doc PLOW,**

**Muzzy PLOW,**

**Hercley PLOW,**

and the **Hickley & Egery PLOW**

Together with Plows, Landis, Wheels, Cutters, Bolls, &c., to fit all kinds. For sale low by

A. H. FOGG & CO.,

—ALSO—

A large lot of

**Hoes, Shovels, Manure Forks, &c., at Wholesale and Retail, LOWER TOWN EVER.**

April 27.

**Woodstock, Fredericton and Grand Falls**

**MAIL STAGE.**

Leaving Woodstock and Fredericton every day (Sundays excepted.) at 8 o'clock, A. M.

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Leaving Woodstock for Grand Falls, Mondays, Wednesdays and Fridays, at 8 o'clock, P. M., and Grand Falls for Woodstock, Thursdays and Saturdays at 4 o'clock, P. M.,

Books kept at the Woodstock Hotel, Woodstock; and at the Barker House and Bragley House, Fredericton.

Extras furnished from Woodstock at all times.

J. R. TUPPER.

**Farm for Sale.**

The subscriber offers for sale, his FARM, together with the Buildings, House, Out-Houses, two Barns, with Sheds attached; a small orchard; situated in Brighton, a short distance below the mouth of the Guine, said Farm containing 70 acres, between 30 and 40 of which are under cultivation. Intending purchasers will find the above property worth examining. Terms made known by application to

GEORGE W. ORSER,

Lower Wakefield.

Sept. 7th, 1861—3rd.

## Business Cards.

## DR. SMITH.

Has Removed his Drug Shop and Office to Mrs. English's New Brick Building, in King Street, next door to the Post Office.

Residence, over the Store, where he may be consulted at all hours.

**Dr. BELL,**

Surgeon, Accoucheur, &c.,

RESIDENCE,

opposite the Episcopal Church, Woodstock

**ANTHONY ROUSSEAU,**

MILLWRIGHT & MACHINIST.

Offers his services to superintend any Mill Work, or any other kind of Machinery.

Drawings of Machinery furnished at short notice, and on reasonable terms.

RESIDENCE, RENFREW HOUSE, Woodstock.

References, R. A. HAY, Esq., Wholesale & Retail, and A. M. DICKINSON, Esq.

**SHEFFIELD HOUSE,**

ST. JOHN, N. B.

RICHARD THOMPSON, Importer of Watches, Jewelry, Cutlery, Hardware and General Family Goods.

41—17.

**J. J. CHRISTIE,**

Importer and Dealer in all kinds of

Leather and Shoe Trimmings, Crimps, Boots, Leather, &c., Wholesale & Retail.

12 17

**T. B. BARKER,**

[Successor to S. L. Tilley.]

WHOLESALE & RETAIL DRUGGIST.

No 35, KING STREET, ST. JOHN, N. B.

Dealer in British and Foreign Drugs, Chemicals, Patent Medicines, Perfumery, Soaps, Putty, Varnish, Dye Stuffs, and all kinds of Foreign Goods, in great variety.

Physicians' Prescriptions carefully Prepared.

St. John, May 10, 1860.

**GEORGE C. HUNT, JR.,**

Chemist and Druggist,

Importer of Paints, Oils, Etc. Stuffs, Chemicals, Garden and Flower Seeds, Confectionery, Medicines, Patent Medicines, &c.

Physicians' Prescriptions carefully compounded, Store in Queen Street near the corner of Regent Street, Fredericton N. B.

**S. L. CHURCHILL,**

HARNESS MAKING.

Repairs attended to. All Work warranted to be done in the best style. Prices low.

Shop, a few doors above the SENTINEL Office, Phoenix Row, Main Street.

**HARNESS MAKING.**

**N. CHURCHILL,**

REPAIRS DONE.

All work executed in the best manner, with promptness and at satisfactory prices.

Shop a few doors above the SENTINEL Office, Phoenix Row, Main Street, Woodstock, N. B.

**JOSHUA S. TURNER,**

COMMISSION MERCHANT,

AND DEALER IN

Provisions, Fruit and Groceries.

No. 22 WATER STREET, ST. JOHN, N. B.

CONSIGNEES RESPECTFULLY SOLICITED.

**ST. JOHN**

**Cheap Wholesale Confectionery.**

82 Prince Wm. Street. . . . 74 Charlotte Street.

**PARTIES** desiring to purchase Pure Goods, and new styles, made fresh, and well flavored, and in any quantities at the cheapest price, should send or call on the subscriber at the above number.

Visiting to gain the attention of Country Buyers, feeling confident I can retain their patronage, in cheapness and superiority of workmanship, I particularly solicit a trial.

Orders, cash enclosed, addressed as above, will meet with most dispatch and care.

43—17.

**G. D. KING & SONS,**

CALAIS, ME.

WOULD inform the traders of Woodstock and the upper country generally, that they have and keep constantly on hand, and for sale, a large stock of PROVISIONS, GROCERIES, &c., in part as follows:

Flour, Corn Meal, Rice, Tobacco, Pork Sugar, Salted Soap, Tea, Coffee, Candles, &c., &c.

All of which they offer to the traders at the LOWEST MARKET PRICES.

\*Exchange made for Oats, Butter, and other country Produce.

\*Intending purchasers will please call before purchasing elsewhere.

**D. K. CHASE,**

CALAIS, MAINE.

Dealer in Hardware, Iron and Steel, Paints and Oils, Blacksmiths' Tools, Sporting and Blasting Powder, Guns and Pistols, Welch & Grifflith's Saw, Railroad Shovels and Picks.

D. K. C. is agent for W. Adams and Co's Celebrated Fire-Proof Safes, Fairbanks' Scales, and Dische, Marble & Co's Powder Manufacture, &c.

**DEMING & SONS,**

MERCHANTS,

CALAIS, ME.

WILLIAM DEMING, WILLIAM DEMING, JR., & C. L. DEMING, Agents for Steamers, Adair's, Adams, and Small Water Oil and Fuel, and other large stock of PROVISIONS, GROCERIES, and Great Western Railroads.

**F. A. COSEBROVE,**

IMPORTER AND WHOLESALE DEALER IN

CLOCKS, WATCHES AND JEWELRY,

English, American, French and German

**FANCY GOODS AND TOYS,**

—ALSO—

Daylight, and Photographic Goods.

No. 75, Prince William Street, St. John, N. B.

P. S.—Orders from the country promptly attended to.

**W. H. GIBBON,**

Commission Merchant and Dealer in Flour, Meal, Tea, Sugar, Molasses, and general Groceries.

—ALSO—

Salt, Dry and Pickled Fish, Pork, Beef, and Smoked Meats, Butter, Cheese, Home-made Cloth, Fruits, &c.

Cheap for Cash, or Produce in exchange.

Consignments and Commission orders solicited, particularly at given to the same.

No. 19 South Market Wharf St. John, N. B.

**GRANITE HALL,**

No. 5 Dock Street St. John.

**THOMAS R. JONES,**

Wholesale and Retail Importer and Manufacturer of every description of

Clothing, Hats, Caps and Furnishing Goods,

—ALSO—

Cloths, Tweeds, Doonies, Vestings, Tailors' Trimmings, and Small Water Oil and Fuel, and other large stock of PROVISIONS, GROCERIES, and Great Western Railroads.

Consignments and Commission orders solicited, particularly at given to the same.

No. 19 South Market Wharf St. John, N. B.

**BERRYMAN & OLIVE,**

(OPPOSITE COMMERCIAL PALACE.)

11 KING STREET, ST. JOHN, N. B.

—IMPORTERS AND DEALERS IN—

**ENGLISH AND AMERICAN**

**HARDWARE,**

HARNESS MOUNTING, &c.

ALWAYS on HAND—Adair's, Adams, and Small Water Oil and Fuel, and other large stock of PROVISIONS, GROCERIES, and Great Western Railroads.

Consignments and Commission orders solicited, particularly at given to the same.

No. 19 South Market Wharf St. John, N. B.

**W. H. OLIVE,**

St. John, Nov. 19, 1860.

## ADVERTISEMENT.

FLORENCEVILLE, JULY 24, 1861.

MR. BARRON, Sir,—I have the following scheme in my paper for three months.

Hitherto we have always expected our representatives to do some great thing or other for us, without our fairly showing what was wanted. Now I propose something for you to do, and something for the people to require.