

Agriculture.

COVERING MANURE.

It is remarkable that more attention is not given to the subject of covering manure from the weather, and especially from too much rain.

The trouble is probably that few really believe that exposed manure undergoes this loss. But the matter has been too thoroughly tested to admit of a doubt.

In arranging farm buildings it pays well to look as much to the preservation of the manure as of the hay or grain, and those who have their buildings already finished without these manurial arrangements will find that twenty five or fifty dollars spent on boards for a covered shed will rank among the best investments ever made.

WARM WATER FOR PLANTS.—There are a great many who laughed at "such nonsense" when it was first proposed to water house plants with warm water, but it is now the rule, and those who do not use it are the exception.

USES OF CHARCOAL.—The Country Gentleman says: At this season of the year one desires to obtain some purifier, and charcoal is of the greatest value for the purpose.

The first great requisite in the manufacture of butter is neatness. It is not only essential that the cow's foot be kept out of the milk pail, and that her teats and the hands of the milker be clean, but that all the implements should be scrupulously neat, and that the very air of the dairy house be pure.

A condition powder, made of three parts salt and one of ashes, and given to horses at the rate of a handful twice a week, is highly commended by The Turf, Field and Farm.

The largest orchard in the world is in California. It contains 426 acres, and over 75,000 fruit trees.

Scientific.

SCIENTIFIC EXPEDITION.

The British Admiralty is about despatching the corvette Challenger, of 2306 tons, on a scientific expedition around the world. The expedition is to be under the immediate direction of the hydrographic department of the Admiralty, and the ship, which is fitted out with a magnificent collection of scientific apparatus, will be under the command of Capt. G. S. Nares.

STOPPING LEAKS AT SEA.—An ingenious method of stopping leaks in iron ships when at sea, has been patented by Mr. M'Cool, who effects his object by the means of what he calls "safety-plates."

A successful experiment was made last week on the Chesapeake and Ohio Canal in driving a canal boat by current water taken into a steam automatic pump at the bow and driven out through a pipe with great variety in the direction of the keel.

EFFECT OF THE PERFUME OF FLOWERS.—The presence of the perfume of lavender in the air increases the power of absorption of heat sixty times, and amised 372 times; hence the perfume arising from a bed of flowers increases the temperature of the air around them.

A grocer being solicited to contribute to the building a church, promptly subscribed his name to the paper in the following eccentric manner: "John Jones (the only place in the town where you can get eleven pounds of sugar for a dollar), twenty-five cents."

Popular as well as scientific interest will be excited by the announcement that one of the rings of Saturn, with which the youngest student of astronomy is familiar, has disappeared.

A brave man think no one his superior who does him an injury; for he has it then in his power to make himself superior to the other by forgiving it.

HALIFAX, N.S. DECEMBER 18, 1872.

MESSENGER ALMANACK.

DECEMBER, 1872.

First Quarter, Dec. 7 h. 7h. 22m. m. m. m. g. Full Moon, " 14h. 5h. 30m. afternoon. Last Quarter, " 22nd. 9h. 57m. afternoon. New Moon, " 30h. 2h. 22m. morning.

Table with columns: Day, SUN, MOON, High Tide. Rows for each day of the month.

THE TIDES.—The column of the Moon's Southings gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

Joyful news for the Afflicted.

GATES' Life of Man Bitters.

After so much has been said and so much produced in proof of the worth and excellence of Gates' medicines is there one, can there possibly be one, who will have the hardness to stand up in the face of the sun light and say they are no good, when so many hundreds who have experienced the benefit arising from their use, would come forward and shame those who would oppose such a boon to mankind.

I make these remarks because I have been attacked by those who carry out just such principles as I have above referred to, and probably I shall be again assailed by them when they see my statement of the blessings I have received from the use of these medicines in my family, or they will probably say they would all have recovered without them.

But to those who have a sincere desire to ask are these medicines really a balm to heal the sick, to such I answer they are a balm, and in every way worthy of the name they bear, namely, Gates' Life of Man Bitters.

Mr Caleb, Gates.—Dear Sir—The Medicines I procured from you, six months ago, while suffering with a severe pain in my left side, relieved me almost instantaneously, and at the same time effectually cured me of a distressing cough, which had troubled me for months, since taking your medicine I have not been troubled with either, and I feel bound to recommend it to the public as an infallible cure for the above named disease.

Respectfully yours, B. BAKER.

Victoria Road, Wilmot, April 16, 1872.

PRICE.—Bitters \$1 per quart; Syrup 50 cents per pint bottle; Liniment 20 cents per bottle and the ointment 30 cents per box.

Agents.—George V. Rand, Wolfville. John Webb, Windsor. J. E. Newcomb, Hantsport. J. L. Cogswell, Kentville. Sheffield & Wickwire, Canning.

GENERAL AGENT, JOHN K. BENT. 126 Granville Street, Halifax.

To Parents and Sabbath School Teachers.

JUST PUBLISHED. SECOND EDITION—REVISED.

A SCRIPTURE CATECHISM, for the Family, the Bible Class, and the Sabbath School. BY S. SELDEN. Price 5 cents or \$6.00 per 100.

PROSPECTUS OF THE

CARBOLINE GAS LIGHT COMPANY.

Incorporated by Act of Parliament, May, 1872.

CAPITAL . . . \$100,000.

PORVISIONAL DIRECTORS:

J. TAYLOR WOOD, Esq. C. F. DEWOLFE, Esq. R. C. HAMILTON, Esq. Wm. LAWSON, Esq. THOS. SIMMONDS, Esq., M. D.

MANAGER.

THOS. SIMMONDS, Esq., M. D.

GAS ENGINEER.

JOSHUA KIDD, Esq., C. E.

This Company is being formed for the following purposes:

- 1st. The manufacture and introduction of Gas Machines for public and private use. 2nd. The establishing of Works for the supply and manufacture of Fixed Gas in every town and village in this Province where Gas Works do not exist.

The present proprietors are in daily receipt of applications from all parts of the Province for constructing and supplying their apparatus, and as good, safe, and cheap light is the want of the people, we have every reason to believe that this undertaking will prove largely remunerative.

Daily exhibition of this Gas at the Company's Office, head of Barr's Wharf, Upper Water Street, from 11 A. M. to 5 P. M.

The Stock list will be open for subscription at the Company's Office, on and after 1st July, ensuing.

Halifax, N. S., 27th June, 1872.

July 3.

NOVA SCOTIA

Boot & Shoe Factory

23 & 25 GEORGE STREET.

(North-end of Provincial Building.)

The Subscriber begs respectfully to intimate to his Friends, and Public generally, that having fitted up his Establishment with the

Latest and most Improved Machinery.

and having secured a STAFF OF SUPERIOR ARTIZANS, he is now in a position to manufacture

BOOTS AND SHOES,

Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by any goods offered in this market, whether Domestic, English or American.

BOOTS AND SHOES, at all Prices. BOOTS AND SHOES, in all sizes. BOOTS AND SHOES made after the latest French, English and American designs.

Examine for yourselves, compare with other Goods, and if found worthy, encourage Home Manufactures.

WHOLESALE BUYERS

Will find our Terms Liberal, and we assure them that their interests will receive our best attention.

GEORGE S. YATES.

Halifax, N. S., April 24, 1871.

Superior Pianos,

IN VARIOUS STYLES UPRIGHT, OBLIQUE, SQUARE, Etc.

With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of

THE "SILVER TONGUE."

A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y.

The above are offered to a discriminating public at moderate prices,

WM. FRASER & SONS, June 1. 70 & 72 Barrington St.

H. G. LAURILLIARD, TAILOR,

GENTLEMEN'S DRESS MATERIALS, AND Furnishing Goods constantly on hand

Agent for the NEW YORK FASHION PLATES.

331 HOLLIS STREET, HALIFAX, N. S.

May 17. 1vr.

PARKS COTTON WARP.

White, Blue, Red, and Orange.

WARRANTED

Best quality and full length.

FOR SALE BY ALL DEALERS.

Sept. 11.

Agents for the Christian Messenger.

NOVA SCOTIA.

- Amherst—W. F. Cutten, Esq. Antigonish—T. M. King, Esq. Aylesford—Rev. Dr. Tupper J. Wheelock, Esq., Rev. J. L. Read, Barrington—Rev. W. H. Richan Beaver River—Wm. S. Raymond, Esq. Berwick—John M. Parker, Esq. Bridgewater—Wellesley J. Gates. Bridgetown—W. H. Chipman. Brighton, Digby County—N. R. Westcott. Brookfield—A. J. Leadbetter. Beal's Mountain—John Whitman. Caledonia—B. L. Telfer. Chester—Rev. I. J. Skinner. Chute's Cove—J. P. Foster, Esq. Clements—Jas. E. Potter, Esq. Canso—Spiny Whitman, Esq. Cornwallis—J. E. L. Cogswell, Esq. Do., Billtown—Gideon Cogswell, Esq. Do., Canning—Jas. S. Witter, Esq. Do., Lakeville—Melatiah Kinsman. Digby—Mrs. Bent. Digby Juggins—Wm. Aymar, Esq. Digby Neck—Rev. J. C. Morse. DeBou River—Wm. McCully, 4th. Dalhousie East—Thomas A. Wilson. Economy—Thomas Fulton, Esq., Josiah Soley. Granville—J. seph D. Halfyard. Guysborough—Christopher Jost, Esq. Hantsport—Wm. E. West. Hillsburgh—Nelson Miller, Esq. Kempt—Joseph D. Masters. Liverpool—Charles Bill, Esq. Long Island—Isaiah Thayer, Esq. Londonderry, Great Village—Ezra Layton. Maccan, River Hebert—Hance Mil s. Milton, Queen's—G. Whitfield Freeman, Esq. Mill Village—W. A. R. & Co. Musquodoboit—Edward McCabe. New Germany—Adrian E. Durland, Rev. W. F. Hall. Newport—Joseph Dimock, Wm. H. Knowles. Newaux—W. A. Morse. New Auburn—Daniel Whitman. Onslow—J. B. McNutt, Esq. Paradise—M. E. Marshall. Parrsboro—M. E. Marshall. Port Medway—James T. Foster. Portaupeque—Joseph Upham. Pugwash—Angus McDonnell. Rawdon—John McLarn, Esq. River Philip—Thomas H. Patten. Rosette, Annapolis—Richardson Harris, Esq. Locke's Island—Xerxes Z. Chipman, Esq. St Mary's Bay, Digby Co.—Chas. McNeill, Esq. Sherbrook West—James Lantz. Springfield—Israel McNay, Esq. Steviacke—Rev. O. Chute. Sydney, North, C. C.—A. G. Musgrave. Sydney Town, C. B.—C. H. Harrington, Esq. Truro—Robt. Chambers, Esq. Rev. D. W. C. Dimock. Windsor—Andrew F. Shand. Walton—F. Parker, Esq. Westport—Hol and E. Fayson, Esq. Weymouth—Rev. C. Randall. Wilmot—Dr. J. Woodbury. Wilmet, Canada Road—Samuel Wheelock. Wilmet Mountain—J. S. P. Foster, Esq. Wolfville—G. V. Rand. Yarmouth—William Churchill, Do., Cation—Rev. J. A. Stubbart. Do., Hebron—Wm. R. Doty. ST. JOHN, N. B.—John F. Masters, Esq.

British American Book and Tract Depository.

66 GRANVILLE ST., HALIFAX, N. S.,

Constantly on hand a good supply of Standard Religious, Theological and S. S. Books, Illustrated Papers, Reward Cards, Tracts, &c.,

The following are offered at about one-third less than the publishing prices in London, in order to extend their circulation as widely as possible. Many of them have been extensively owned by the Spirit of God in the salvation of souls.

The prices are given, with the postage on each when ordered by mail.

Personal Religion; Will You Consider it. Boardman . . . \$0.25 \$0.06

God's Way of Peace. Bonar . . . 0.25 0.07

Pilgrim's Progress. Bunyan . . . 0.25 0.07

Way of Life. Hays . . . 0.25 0.07

Guide for Young Disciples. Pike . . . 0.25 0.08

Saints' Rest. Baxter . . . 0.25 0.09

Golden Treasury. Bogachy . . . 0.25 0.07

Rise and Progress of Religion in the Soul. Doddridge . . . 0.20 0.05

Early Religion. Pike . . . 0.20 0.04

Early Piety. Pike . . . 0.20 0.04

Call to the Unconverted. Baxter . . . 0.15 0.05

Anxious Inquirer. James . . . 0.15 0.05

Blood of Jesus . . . 0.20 0.06

Christian Hero: Life of Robert Annan . . . 0.20 0.04

COME TO JESUS, by Newman Hall, 64 pages, two cents.

The Sinner's Friend, by John Vine Hall, two cents.

Postage on the two last at the rate of 8 cents for 12 copies.

Orders to be sent to A. McBEAN, Secty.

July 31.

AGENTS WANTED \$150 per month.

To sell the TINKER, the most useful Household article ever invented. Address H. K. ANDERSON, P. O. Box 360, Montreal, P. Q. Dec. 11.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms—Two DOLLARS a year, when paid in advance; if payment is delayed over three months \$2.25 when over six months \$2.50.

Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

ADVERTISING at usual rates.

STEPHEN SELDEN, Proprietor.

OFFICE No. 71 GRANVILLE STREET, HALIFAX, N. S.

PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms.

Magistrates Blanks always on hand.