

Agriculture.

HARDNESS OF WOODS.

It is a great convenience to know the comparative value of different kinds of wood for fuel. Taking shell-bark hickory as the highest standard of our forest trees, and calling that one hundred, other trees will compare with it for real value as follows:

Table listing various wood species and their comparative values for fuel, such as Shell-bark Hickory (100), Yellow Oak (60), etc.

But it is worth bearing in mind that there is a very considerable difference in wood of the same species, according to the soil and the manner in which they grow. A maple that grows slowly on an upland pasture, standing alone or apart from other trees, will last much longer and give out a greater degree of heat, than one that grows in a swamp or in the midst of a dense forest.

BEET LEAVES FOR FODDER.—Mehay maintains the entire success of his method of so preparing the leaves of the beet as to render them capable of preservation for several months fodder; and at the same time greatly improving their qualities as food for cattle.

MANY cultivators of ornamental plants desire especially to raise those which produce fragrant odor, particularly for bouquets, stands and flower-vases. In answer to occasional inquiries we name the following sweet-scented flowers to which some of our readers may add others: Sweet violet, hyacinth heliotrope, pinks, sweet-scented candytuft, woodbine, sweet-brier, cabbage rose, tea roses, white lily, sweet alyssum, mignonette, sweet pea, carnations, sweet william, and several other sweet-scented perpetual roses.

SWEET MILK.—It frequently occurs in the spring, when the farmers are feeding their cows upon rutabagas or turnips, that the milk becomes so strongly impregnated by their disagreeable taste and odor, as to be unfit for butter making.

THREE-HORSE TEAMS should be used wherever possible. There is economy in it. One man can drive three horses as well as two. The "dead weight" of the implement is the same in either case, and it is not unfrequently happens that the power of one machine, wagon or implement, three horses can do as much again real work as two.

rest frequently. Put on three, and keep them steadily at work. In harrowing, especially a rapid gait is much more effective than a slow, dragging pace. Brisk steady work and fewer hours in the field, with better grooming in the stable, would accomplish more work with less fatigue to man and horse.

Scientific.

SCIENCE AND SEWAGE.

Here are facts worthy of note in Halifax and all other cities. The sewage of London is at last utilized. At Crossness is the reservoir for the southern sewage of the metropolis, and at Crossness are the works of the Native Guano company.

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro. High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax.

ANTIDOTES FOR POISON.—Commercial oil of turpentine is a good antidote to poisoning by phosphorus. The two substances form a compound in the stomach resembling spermaceti, and this can readily be removed from the system.

Laudanum or other anodyne is sometimes taken by mistake or otherwise in excess. Swallow strong coffee or the whites of several eggs instantly. All these things are to be done while the doctor is coming.

If laudanum, or any other poison not burning the throat is taken, and is promptly discovered, the best plan is to get it out of the stomach instantly, which is done by stirring a tablespoonful of ground mustard in a tumbler of water, and drinking it down at once; almost before it is down the whole contents of the stomach begin to be ejected.

A new system of casting type is said to be coming into vogue in England, the type being cast in syllables, enabling an average compositor to set five thousand ems an hour. The invention has been patented.

A secret has been defined as "anything made known to every body in a whisper."

HALIFAX, N. S., JULY 17, 1872.

MESSENGER ALMANACK.

JULY, 1872.

New Moon, July 5th, 2h. 11m. afternoon. First Quarter, " 13h. 3h. 34m. afternoon. Full Moon, " 20th, 9h. 39m. morning. Last Quarter, " 27th, 3h. 4m. morning.

Table with columns for Day, SUN, MOON, and High Tide, listing times for various days in July 1872.

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

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland, 20 minutes earlier.

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.



Superior Pianos, IN VARIOUS STYLES.

UPRIGHT, OBLIQUE, SQUARE, Etc. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate.

THE "SILVER TONGUE." A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y.

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

99 GRANVILLE STREET. 99 S. S. "DACIAN," SLIGHTLY DAMAGED.

BLACK CRAPES, BLACK FRENCH MERINOS SMITH BROS. May 1.

NOVA SCOTIA Boot & Shoe Factory 22 & 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 make BOOTS AND SHOES, Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by any goods offered in this market, whether Dominion, 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. May 3

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 8 cents or \$6.00 per 100.

GOVERNMENT SAVINGS BANKS.

Public Notice is hereby given that under authority of Act 34 Vic. Chap. 6 of the Dominion Parliament, Government Savings Bank Branches will be opened on the 1st July, 1872, at the undermentioned places in the Province of Nova Scotia, and in charge of the following Agents:

Table listing agents for Government Savings Banks in various locations like Wm. G. Ballam, H. P. Hill, James Kerr, etc.

Deposits will be received in sums of one dollar and multiples of a dollar up to any amount, and repaid on demand, with interest at the rate of four per cent. per annum, from date of deposit to date of withdrawal.

Government has, however, recently established an issue of Dominion Stock, bearing 5 per cent. interest, to which monies remaining on deposit in any Savings Bank for at least one month, may be transferred in sums of \$100, but on the whole not to exceed \$1000 for any one depositor.

The Stock is not transferable, but will be redeemed on three months' notice from depositor; otherwise the interest will be paid half yearly, on the 30th April, and 31st October.

The Offices will, until further notice, be open daily from 10 a.m. to 3 o'clock, p.m. Further information may be obtained on application to the Agents.

By order of the Minister of Finance. THOMAS D. TIMS, Financial Inspector. June 12.

CAUTION!! CAUTION!!!

TO THE PUBLIC OF THE BRITISH PROVINCES OF NORTH AMERICA.

I beg most respectfully to acquaint the public of the British North American provinces that in May, 1871, I caused the business at 80, Maiden Lane, New York, for the sale of HOLLOWAY'S PILLS AND OINTMENT, which were up to that time prepared by William Brown, now deceased, to be closed.

I have reason to know that the management of the late business had for some years, and in many ways, been most corrupt, and it may be that the Pills and Ointment were not prepared with that care I have always desired.

Those who do not wish to be deceived by buying spurious medicines, which are now likely to emanate from the States or elsewhere, but to possess themselves of the genuine HOLLOWAY'S PILLS AND OINTMENT, manufactured by me in London, England, will do well to see that each pot and box bears the British Government stamp on which is engraved the words "HOLLOWAY'S PILLS AND OINTMENT," and that the address on the label is 533, OXFORD STREET, LONDON, where only they are manufactured, and in no other part of the world.

No representative of mine will ever travel through any part of the British Provinces or the United States, either to sell, or to take orders for my Pills and Ointment, and as I have reason to believe that attempts will very probably be made to deceive the public in this way by persons calling upon medicine vendors, falsely representing that they are acting for me, and with my knowledge and consent, I deem it advisable to put the public on their guard against any such deceptions.

I most earnestly entreat all those who may read this advertisement that they be pleased, in the public interest, to communicate the purport of the same to their friends that they may not be defrauded of their money by purchasing perhaps worthless imitations of the genuine HOLLOWAY'S PILLS AND OINTMENT.

I would ask, as a great favour, that should it come to the knowledge of any person that spurious medicines are being sold in my name, he be pleased to send me all the particulars he can collect respecting the same, that is to say, the name and address of the vendor who is selling the spurious medicines, and likewise the name and address of the House in the United States, or elsewhere, which may have supplied them, so as to enable me, for the protection of the public, to institute proceedings against such evil doers, and I engage to remunerate very handsomely any person who may give me such information, the informant's name never being divulged.

Should any person have reason to believe that he has been deceived by buying spurious imitations of these Medicines, he will do well to send me, in a letter, to the address at foot (which he can do at a cost of six cents in postage), one of the books of instructions which are affixed to the same. I promise to examine it and send a reply, stating whether the Medicines are genuine or not, so that if spurious he may apply to the person from whom he purchased them to have his money returned.

Chemists and Druggists who desire to obtain the Medicines can be supplied at the lowest wholesale prices in quantities of not less than £20 worth—viz., 8s. 6d., 2s., and 3s. per dozen boxes of pills or pots of Ointment, nett, without discount, for which remittance must be sent in advance.

I have the honour to be, With great respect, THOMAS HOLLOWAY. 533, Oxford Street (late 244, Strand) London, W.-C., October 1, 1871. June 5 6 m

AGRICULTURAL IMPLEMENTS.

The perfection of Mowers. The Meadow King Mower introduced into Nova Scotia last season, by James P. Dodge, is the most perfect Mower ever invented, it will Mow where every other kind has been clogged, the knives will run in any position, either horizontal or perpendicular. A Sample Machine can be seen at the Subscribers, who is Sole Agent for Nova Scotia.

JAMES P. DODGE. Middleton, Annapolis Co. April 13. 3 m.

WINDSOR & ANNAPOLIS RAILWAY. CONDENSED TIME TABLE. JULY, 1872.

HALIFAX TO ST. ST. JOHN.

Table showing train schedules from Halifax to St. John, including stations like Bedford, Wind Junction, Mount Uniacke, etc.

ST. JOHN TO HALIFAX.

Table showing train schedules from St. John to Halifax, including stations like Annapolis, Bridgetown, Lawrencetown, etc.

Steamer "Empress" or "Scud" leave St. John on Monday, Wednesday, Friday and Saturday, at 8 a.m., for Annapolis, returning on Tuesday, Thursday, Friday, and Saturday, on arrival of Train from Halifax.

International Steamers leave St. John on Monday, Wednesday, and Friday, at 8 a.m., for Eastport, Portland, and Boston.

Trains of the Western Extension Railway leave St. John at 7.30 a.m. every day for Woodstock, Fredericton, St. Stephens, Bangor, Portland, Boston, and all parts of the United States and Canada.

Tickets by above routes to all parts in the United States and Canada may be obtained at 106 Hollis Street, Halifax, at Richmond, and the principal Stations on the Railway. P. INNES, Manager. Kentville, 1st July, 1872. July 10.

NEW SPRING GOODS! Ex "Moravian," "Olympia," "Tiger," "Caspien," &c.

BRITISH WOOLLEN HALL, 132 & 134 Granville St.

JENNINGS & CLAY HAVE much pleasure in announcing to Wholesale and Retail Customers and friends, that their Stock of BRITISH AND FOREIGN DRY GOODS, Ready Made Clothing, Gents' and House Furnishing Goods, &c., is now COMPLETE in every Department, to which they invite their attention. May 15.

99 GRANVILLE STREET. 99 SPRING STOCK COMPLETE.

24 cases of London Goods per S. S. "Caspien" embracing Hats, Bonnets, Flowers, Feathers, Mantles, Parasols, Silks, &c., which we now offer both WHOLESALE and RETAIL. May 8. SMITH BROS.

COTTON WARP. THE COTTON WARP, Manufactured at the NEW BRUNSWICK COTTON MILLS.

Has the names of the mills and our name on a printed label on the end of the bundle. WHITE, RED and ORANGE YARN is put up in BLUE paper; BLUE YARN is put up in BUFF paper. FULL Yarn made by us is warranted of best quality, full weight, and correctly numbered.

WM. PARKS & SON. N. B.—Cotton Mills, St. John, N. B., Aug. 1871. Jan 3. 1yr.

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.

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