Agriculture.

CROPS FOR SOILING.

For a soiling crop, both vetches and Indian corn are excellent, the latter perhaps the better of the two for general use. We should advise for making use of the summer fallow for soiling purposes, to first sow oats and vetches, about one bushel or two of vetches, or tares, and two bushels of oats to the acre as early as possible. This crop will be fit to cut as soon as the clover has been secured.

Nothing will make food earlier than clover, except rye, which should have been sown in the fall. These oats and vetches should be sown at intervals of about ten days until the 1st of May. The first crop will be ready directly after the grass, and the latter ones will fill up until corn is about 2 or 3 feet high.

In May, as soon as danger of spring frost is over, sow your corn and continue sowing at intervals of about 10 days until the middle of July. Drill in rows at least 30 inches apart so as to cultivate between and thus keep your land clean for wheat.

When the crop is about 3 feet high cut it. How much to sow at each interval must be determined by the number of stock, and the amount of food required over and above pasture.

For pasture upon a summer fallow, Rape is undoubtedly the best crop. To be used as pasture upon land preparing for Fall wheat, it would be the best to sow, as for turnips, in drills at least 12 inches apart, so as to admit of cultivating between the rows with the horse. Sow from 3 to 4 lb. per acre and do not thin out the plants. Sow in the latter end of May, or early in June, and it will come in for pasture (especially adapted for sheep) from the middle of July to seed time, a period in which our pastures are most apt to fail. If sown broadcast, mix with dry mould or fine ashes, and sow at the rate of 3 quarts of seed per acre.

For raising extra fodder we would strongly advise Corn. Sow early, in rows from 28 to 36 inches apart, according to cleanness of land. After the corn is a few inches high slightly hill up with one horse cultivator; strew the corn in rows at from about 40 to 50 grains to the foot-according as rows are wide apart or closer together; and cut before coming into tassel.

Next come Millet, and Hungarian grass: of these two, the latter matures its crop in less time. Sow about the first week of June on thoroughly prepared land, broadcast, a peck to the acre. Be sure to cut before it matures its seed as the ripe grain has been found almost impossible of digestion, and therefore dangerous to cattle. It will produce a heavy crop of course strong fodder.

SHEEP AS WEED EXTERMINATORS. -The Pacific Rural Press says: It may not be known to farmers in general, that it is a common practice in some parts of the country to turn sheep into the potato field for the purpose of eating down the weeds. The sheep will not touch the potato vine. This pasturing with sheep is advantageous when the crop is a late planted one, so that the hoeing cannot be completed until after the having or harvesting is finished. At the growing season it is the farmer's aim to keep down the grass and weeds, so that they may be dovered by the cultivator and hoe, when these are used. Pasturing with sheep will attain this object. Early planted crops, the cultivation of which is completed in the early part of the summer, frequently become grassy and weedy, before the time of digging, when the size of the tops precludes cultivation. In this stage the sheep are economical weeders. It is hardly necessary to mention that the feed thus given to the sheep, makes a double profit, inasmuch, as it costs absolutely nothing, while labor is saved and weeds prevented from seeding.

How LONG WOOD WILL LAST .- The trusses of the old part of the roof of the Basilica of St. Paul, at Rome, were framed in 816 and were sound in 1014, a space of nearly a thousand years. These trusses are of fir. The timber work of the external domes of the Church of St. Mark, Venice, is more than 840 years old and still in a good state. There is other extensive timber work which has successfully withstood the ravages of the time from 400 to 600 years,

Cow insurance companies have been organized by Ohio dairymen.

Scientific.

LIME TO PRESERVE WOOD -In regard to the use of lime in connection with ship timber, the experience of an old ship builder on the coast of Maine, published in the Mechanics' Magazine, is of interest. He had been in the habit of filling up the spaces between the timbers with hard stone lime, and ramming it in, calculating that slight leaks would cause the lime to expand and fill all the crevices. Long observation had led him to consider lime a good preservative. A coasting schooner, built of Maine, timber unseasoned, and loaded with lime, and had gone ashore and bilged. Being raised and preparede the schooner, remained sound for thirty years, with the exception of the wood that had been used in making the repairs. It had been noticed, also, that vessels carrying cargoes of lime generally lasted longer than others. But the most striking case was that of a platform of a pine planks, used to mix mortar on and that had been employed by father, son, grandson, and, being no longer needed, was suffered to remain on the ground and became overgrown with grass and weeds. After a period of sixty years, having occasion to use the ground the planks were removed, and found to be as firm and hard as when first laid down.

To DISINFECT A SICK-ROOM .- The patient having been removed, all linen Maine, 3 hours and 25 minutes later, and at articles, such as sheets, towels, pillowcases and body linen, are to be disinfected by placing them in a large minutes later. At Yarmouth, 2 hours 20 minvessel containing either Condy's fluid or the solution of chloride of lime or soda. The blankets, conterpanes, and woolen articles of clothing are to be suspended on lines, and mattresses and beds on the backs of chairs, the furniture to be removed from the walls the windows closed, papers pasted over the crevices. The chimney opening of the fireplace is also to be closed up. An open vessel is next placed in the middle of the room, into which is put a quarter of a pound of stone brimstone; the brimstone is to be ignited, and the person who does it must immediately leave the apartment, close the door and paste paper over the crevices. At the expiration of twenty-four hours the room may be entered and the doors and windows thrown open and the fumes of the sulphur allowed to escape. By this process the room and every thing in it my be considered thoroughly disinfected.

INCREASE OF RAIN .- It is a curious fact that as the settlements spread beyound the Mississippi, rains increase both in frequently and amount of water. Many beds of streams, which were uniformly dry in summer only ten years ago, are now full through the year. 99 GRANVILLE STREET. 99 once obliged to carry all their water with them; now they can find a supply by the way. The Moro Valley and plains were once destitute of vegetation; now they have a luxuriant growth, and will raise large crops of

Denver was built on the Banks of an extinct creek, perfectly dry. Now it is full of water, and needs to be crossed by bridges. Salt Lake is seven feet higher than ten years ago, and it is steadly raising. The vast plains which engineers once pronounced uninhabitable, and fit only for droves of buffalo, becaused destitute of streams and springs, may yet become great States, the home of a crowed population.

GOAT NATURE. - A California journal tells story of a gentleman, who, having gone extensively into the Angora goat business, built a spacious corral, and erected water-proof sheds to protect his property from the weather. When the first storm came he drove the goats into the corral at night. But on going late in the evening to look after them, not a goat could he find. Just as he was about to go away, greatly disturbed he happened to lift up his lantern and his eyes upward, and he beheld the entire flock of goats perched on the top of his carefully constructed shed, and evidently enjoying the heavy storm which was pouring down.

CORN-COBS are an article of merchandise in request at Paris, and several New England firms gather them for shipment. After saturation with tar and resin they are used for kindlings.

The surplus of wheat in Oregon, this season, is estimated at 75,000 tons, nearly all of which will find its way to Europe.

HALIFAX, N. S., JULY 24, 1872.

MESSENGER ALMANACK.

JULY, 1872.

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

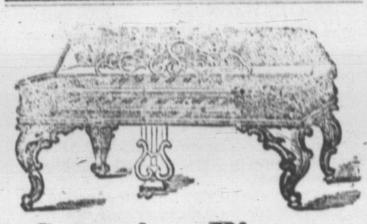
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THE TIDES .- The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. St. John's, Newfoundland. 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54

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. An assortment of

.. SIEARE ROAGAE".

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, 70 & 72 Barrington St.

S. S. "DACIAN,"

SLIGHTLY DAMAGED.

BLACK CRAPES, BLACK FRENCH MERINOS SMITH BROS.

NOVA SCOTIA **Boot & Shoe Factory** 23 N 28 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 STAFFOF SUPERI ARTIZANS, he is now in a position to man"

BOOTS AND SHOES,

Which for

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

BOOTS AND SHOES, at all Prices BOOTS AND SHOES, in all sizes. BOOTS AND SHOE; 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

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 109,



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

	N. B. Charles Market W. C. Co.	
Agents.	Towns.	Counties.
Wm. G Ballam,	Arichat,	Richmond.
H. P. Hill,	Antigonish,	Antigonish.
James Kerr.	Amherst,	Cumberland.
Thos. A. Hasaga, .	Annapolis,	Annapolis.
Ajexander Cameron,	Baddeck,	Victoria.
Botsford Viets,	Digby,	Digby.
Christopher Jost.	Guysboro'	Guysboro'.
George E. Calkins,	Kentville,	Kings.
Arch, J Campbell,	Liverpool,	Queens.
Mrs. A. M. Rudolph		Lunenburg.
Edward D. Tremain.	Port Hood,	Inverness.
Alex, McPhaill,	Pictou,	Piotou.
Robert Martin,	Sydney,	Cape Breten.
James Muir,	Shelburne,	Shelburne.
John F. Crowe,	Truro,	Colchester.
Edward O'Brien,	Windsor,	Hants.
J. W. H. Rowley,	Yarmouth,	Yarmouth.
Deposits will be re	ceived in sur	ns of one dol-

lar and multiplies 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, ou: 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 39th 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 By order of the Minister of Finance.

THOMAS D. TIMS. Financial Inspector.

CAUTION!! CAUTION!!!

TO THE PUBLIC OF THE BRITISH PROVINCES OF NORTH AMERICA.

I beg most respectfully to acquaint the publie of the British North American provinces that in May. 1871, I caused the business at 80, Maiden Lane, New York, for the sale of HoL LOWAY'S PILLS AND OINTMENT, which were up to that time prepare by William Brown, now de ceased, to be closed. I regret to say that I have reason to know that the management of the late business had for some years, and in many wass, 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 frem the States or elsewhere, but to possess themselves of the genuine HoL-LOWAYS 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. The retail prices are on the labels in British currency, and not in dollars and cents.

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 ealling 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 pu chasing perhaps worthless imitations of the genuine HOLLOWAY'S PILLS AND GINTMENT.

I would ask, as a great favour, that should it eome 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 ame, 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, 22s., and 34s. per dozen boxes of pills or pots of Cintment, nett, without discount, for which remittance must be sent in advance. I have the honour to be,

With great respect, THOMAS HOLLOWAY. 553, Oxford Street (late 244, Strand). London, W. C., October 1, 1871.

June 5

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 horosonta or perpendicular. A Sample Machine can be seen at the Subscribers, whe is Solk Agent for Nova Scotia. Address,

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



WINDSOR & ANNAPOLIS RAILWAY. CONDENSED TIME TABLE.

HALIFAX TO ST. ST. JOHN.

JULY, 1872.

Miles.	STATION	is.		Exp.	Acc.	Pass.
-1	Manual Manual Assets		,1	A. M.		P. M.
	Halifax-	Leave.		8.00		
8	Bedford	" ,		8.24	7 45	3.30
13	Wind, Junction	" ,		8.39	7 45 8 15	3.55
26	Mount Uniacke	"		9.20	9 30	
39	Newport	"	• •	9.59	11 20	5.27
					P. M	
45	Windsor	"		10.20	1.00	6 05
52	Hantsport	- 11 -		10.40	1.33	6 30
63	Wolfville	41		11.10	2.20	
70	Kentville	"		11.40	3.00	
				P. M.		
82	Berwick	11		12.12	3 50	
	Avlesiord	- (1		12.25	4 10	
100	Middleton	61		12.59	5 10	1
	Lawrencetown	**		1.15	B. 1. 1985 F. G. 223 S. 25	
	Bridgetown	**		1.35		
	Annapolis-arri	ve		2.15		

190 St. John by Steamer 8.00

ST. JOHN TO HALIFAX.

Miles	STATIONS.			Pass.	Acc.	Exp.
	St. John by Ste	amer.			А. М.	Committee and the second
	Carrier and the		`			P.M.
0	Annapolis	Leave				
	Bridgetown	11 -			7.20	3.00
22.	Lawrencetown	"			1	
28	Middleton	**			8.15	3.35
42	Aylestord	- 61			9.05	4.10
	Berwick	"			9.25	4.21
	Kentville	44		6.30	10.35	5.00
	Wolfville	41		6.50		
				****	PM.	
	Hantsport	"		7.30		
84	Windsor	**				
	Newport					Selection of the select
103	Mount Uniacke			9.2	5 2.46	7.07
	Windsor Junc.	"				
121	Bedtord	**		10.4		
129	Halifax-Arrive			111.0	5 5.20	8.24

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., tor 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 S'reet, Halifax, at Richmond, and the principal Stations on the Railway.

Kentville, 1st July, 1872. Manager. July 10.

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

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.

GRANVILLE STREET.

SPRING STOCK COMPLETE.

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

COTTON WARP.

THE COTTON YARN, 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. TAll Yarn made by us is warranted of best quality, full weight, and correctly num-

WM. PARKS & SON. N. B .- Cotton Mills, St. John, N. B., Aug.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms-Two Dollars a year, when paid in acvance; 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.

ADVERTIZING at usual rates. STEPHEN SELDEN, Proprietor. OFFICE No. 59 GRANVILLE STREET.

HALIFAX, N. S. PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reason-

able terms. Magistrates Blanks always on hand. felt t come add t fulne to-in dang ent s very be so thoug sion reger

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