## CHRISTIAN MESSENGER. THE 200Avoiding SPRING FROST. - The COOKIES.-Two tablespoonfuls of Agriculture. thick or three of thin sour cream, one manufacture of artificial clouds is rehalf cup of sugar, soda enough to sweet- ported to have been resorted to in the en the cream. Mix rather stiff with French wine-growing districts, to pro-WHAT TREES SHOW .- The Canada flour, roll, sift sugar over, pass the tect the crops from frost. The receiv-Farmer says forest trees and indigenrolling pin lightly over to fix the sugar, ers, filled with a peculiarly prepared ous plants may be regarded as exponand cut into any shape you like. This tar, were disposed over an area of Last ents of the physical condition of the will make ten or twelve cookies, and many acres and when the tar was ig-New soil, rather than of its chemical comcan be multiplied indefinitely when nited thick white clouds rose in the D position. A soil on which oak, hickatmosphere, and spreading out evenly more are wanted. ory, and tulip, or yellow poplar are over a large region, remained snspen-1, SI 2 M the principal trees of the native forest, POTATO PUFF .--- Two cups cold mash- ded several yards above the soil. In 3 Fu is most suitable for the growth of wheat. ed potatoes ; stir in two tablespoonfuls seasons when frost is feared, the tar 4 W 5 Th 6 F Maple and beech producing soil is betmelted butter, beaten to a cream; add clouds would interpose between the ter adapted to spring or summer crops, two well beaten eggs, one cup cream crops and the sky, thus checking the 7 88

such as barley, corn, and potatoes. The adaptation of "white-oak soil " to in a quick oven. winter wheat, and the beech and maple to spring crops, shows that it is the physical condition that determines the fitness of the soils for cultivated crops; for we have only to bear in mind that wheat, barley, oats, and corn are indentical in chemical composition. In both varieties of soil, the chemical constitutents which are necessary to the growth of beech, maple, oak, poplar, and hickory, wheat, barley, corn and potatoes are present, but the physical condition, or mechanical texture of the two is different.

ADORN THE FARM .- While the farmer has his mind, in the main, on making improvements on his farm which are of practical use, which return profit in cash, it will not be wise to forego those which pay in the gratification they afford to the finer instincts of our nature. The farm should be made beautiful as well as fertile; it should have trees for ornament and shade as well as for growing fruit or

CAPE MAY PUDDING .--- One quart of Homestead. milk, eight tablespoonfuls of flour, six eggs. Beat the eggs separately. When quantity of milk, combine the ingredients. To be eaten with a rich sauce.

## Scientif:c.

A NOVEL BATH.-One of the thein the erection of establishments for administering hot sand baths as a remedy for rheumatism, recent cases of nervous disorders, affection of the kidneys, and all the cases where heat is that it does not suppress respiration like the hot water bath, but rather in- beggar to the man who died? creases it, and does not interfere with the respiration like the steam bath or Turkish bath. The body can endure

or milk; pour into a deep dish; bake, night radiation which often causes 8 81 9 M such ravages in vineyards and gardens 10 TI both in spring and harvest-time.-Iowa 11 W 12 Th 13 F 14 S. A WRINKLE FOR SETTING A SAW .--15 81 16 4 the flour has been mixed with a small Secure your saw in clamps extending the full length ; place the file between 18 W 19 T 20 F the two teeth as if about to file, keeping the file level, swing your nearest 21 Si hand to the right and set two teeth at 22 81 once. By placing the file about the same distance each time from end to 25 W end of the file and using your knuckle rapeutic novelties in London, recently as a gage, you can set a saw in so introduced from the Continent, consists short a time and so easily as to wish 29 8 for another job of the same sort .--Scientific American.

AN INTERESTING ENQUIRY .--- There lived in Prussia proper a blind beggar. wanted as the chief therapeutic agent. The beggar had a brother. The broth-The advantages of this treatment are er died. The man that died had no brother. What relation was the blind

> A minister having remarked "there would be a nave in the new edifice

ALIFAX,	N. S.,	JUN	E 18,	1873.		
IESSENG	BR	ALA	IAN.	ICK.	CALL CONTRACT	
JUNE, 1873.					IN) ERCOLO	
Quarter, June 3rd, 2h. 5m morning. Moon, "10th, 5h. 47m. afternoon. Quarter, "17th, 11h. 17m morning. Moon, "24th, 4h. 58m. afternoon.					1873-Eummer COMM	
ay SUN. k Rise Sets	M	IOON.	.  I	ligh Tiu	MONDAY	
U. 4 21 7 .4 4 21 7 35 u. 4 20 7 36 7 4 20 7 37 h 4 20 7 37 4 19 7 38	10 6 11 9 A. 12 1 13 2 17	5 19 6 2 6 43 7 23 8 4	0 5 0 32 0 55 1 14 1 33 1 51	11 51 morn	NO. 1. (Through leave Hali due in St. train will s Truro) only Shubenacae and St. Jo	
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$\begin{array}{c} \dots & 4 & 21 & 7 & 45 \\ a & 4 & 21 & 7 & 45 \\ U. & 4 & 22 & 7 & 45 \\ \dots & 4 & 22 & 7 & 45 \\ \dots & 4 & 22 & 7 & 45 \end{array}$	6 49 7 54 8 58	2 27 3 14 3 58	$\begin{array}{ccc} 10 & 5 \\ 10 & 34 \\ 10 & 58 \end{array}$	9 35 10 12 10 49 11 26	Nos. 4 and 6, (She dation) wi. and be due p. m. Nos. 7 and 9. (F	

**THE TIDES.**—The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Nos. 8 and 10. (Freight and Passenger Ac-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, than at Halifax. At Charlottetown, 2 hours No. 12. (Passenger Accommodation) will 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 minutes later.

FOR THE LENGTH OF THE DAY .- Add 12

Arrangements-1873 MENCING ON 26th May, 1873. Passenger Express) will ifax at 7 30 a. m., and be John at 8.30 p. m. This stop (between Halifax and y at Windsor Junction and die; and (between Painsec ohn) only at Booking Stapt where it may be necesoss other trains or to put sengers who may have got tt Painsec and stations East of that place. assengerExpress) will leave it 8 a.m., and be die in 8 50 p.m. This train will en St. John and Painsec) mpton, Su-sex, Petitcodiac cton; and (between Truro ax) at Shubbenacadie and Juncton, except where it ecessary to cross trains or own passengers who may on board at stations North of Truro. ictou Passenger Accommoill leave Halifax at 6.15 a.

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due at Pictou at 12.15 p.m. ediac Passenger Accommol leave St. John at 7 a m. e at point DuChene at 12.15 reight and Passenger Action) will leave Halifax at 11.30 a. m., and be due at Pictou at 8:15 p.m.

commodation) will leave Sr. John at 10.50 a. m., and be due at Point Du-Chene at 7.25 p. m. No. 11. (Truro Freight) will leave Halifax at

330 p. m., and be due at Truro at 910 p.m.

leave Vainsec at 4.20 p. m., and be due at Point DuChene at 5.00 p. m. No. 13 (Truro Passenger Accomodation) will

leave Halifax at 5.15 p. m., and be due Truro at 8.15 p. m. No. 14. (Passenger Accommodation) will leave St. John at 2.00 p. m., and be due at Hampton at 3.10 p.m.

timber. Grounds around the dwell. ing, walks leading to and from it, a garden adjoining, are needful to a complete farmer's home, and they should be so laid out, constructed and kept, that they shall minister to the innate love of the beautiful and picturesque, as well as meet the practical uses for which they are designed.

A GREAT TAKE OF HONEY .- A tree was felled the other day at Sandy Creek, Wagga Wagga, for the purpose of procuring honey. which it was known had been collected there by a rather large swarm of bees. When the tree was cut down there was found in the hollow one of the most astonishing collections of honey ever known, or probably have ever been gathered by one swarm of bees. There were several immense layers of comb, ten feet in length, and of great density, extending along the inside of the trunk, and almost clothing the hollow of the tree entirely. After it had been carried home (having been wasted considerably by the fall of the tree and the primitive mode in which it was collected) the comb yielded over 200 lbs. of honey of the purest quality.-Melbourne (Austr.) Argus.

FLAVOR OF AMERICAN CHEESE .----We observe that the principal objection of the cheese made in this country is its rank flavor. It is richer and more buttery than English made cheese but is ' too strong.' We have carefully looked at the reported transactions of our cheese makers here, in order to learn what causes this rank flavor, and find it imputed to 'ripening the cheese too rapidly.' This may cause its tone in some degree, but we are inclined to think it is the use of the rennent. That is used in too large quantity, or it has in itself, at the time of using, the germs which soon ripen into the objectionable flavor.—Ex.

BEAN PUDDING OR PIE.-Wash clean one quart of white beans; then pour boiling water over, letting them remain till morning; then put on in cold water-this method destroys much of the strong taste of the beans; let them boil slowly but steadily; when perfectly tender and mealy, take out and drain ; then mash with a spoon through a sieve. When you have thus obtained one and half pints of the pulverized beans, add half a pint of sweet cream or milk, four eggs, three-quarters of a pound of sugar, a piece of butter the size of a hen's egg, and one nutmeg. Season to taste, with lemon or vanilla, the latter is the better neutralizer of the taste of the beans. These proportions will make one large pudding, or three pies, provided the plates are not too deep. LADIES' CABBAGE .--- Boil fifteen minutes, then change the water and boil until done ; set aside until cold ; chop fine : add two beaten eggs, one tablespoonful of butter, pepper, salt, and three spoonfuls of cream or milk ; stir all well; bake in a buttered pudding

dish.

its influence for a much longer time, the society was erecting," an old lady applied.

NOTHING, says Elisée Réclus, can convey a more impressive idea of the tremendous power of water as a natural agent than the wonderful canons of Mexico, Texas, and the Rocky Mountains, where the torrent may be seen rushing along, through the incision it has cut out for itself in the hard rock, at a depth of several thousand feet between perpendicular walls. The greatest of these canons, that of the Colorado, is 298 miles in length, and its sides rise perpendicularly to a height of 5,000 or 6,000 feet.

AMERICAN ANTIQUITIES .- In the remote parts of Arizona it is said that well-preserved and extensive ruins have been found which indicate the former existence of populous cities. From an account of these by Col. Roberts in the Builder we quote the following description : "It is surrounded. by a wall of sandstone, neatly quarried and dressed, 10 feet or 13 feet thick, and originally, judging from the detritus, 15 or 20 feet high. Within are the walls of houses, temples and markets, all of solid stone, and showing excellent masonry. These walls are covered with hieroglyphics, cut deeply into the stone. The whole of the ruins, like most of those of the Orient. and more especially those of Arabia and Assyria, are more or less buried in sand. According to the account, this city is some 90 miles from the boundary between Utah and Arizona, and an equal distance from the Western Colorado line. It is close to the desert, and is surrounded by extensive sandy plains .--Seribner's for April.

USE FOR POTATO WATER. - Dr. Elsner says that hot water poured off potato parings, or boiled potatoes, is admirably adapted to clean silver. The obj-ct can be easily rubbed by the fingers with the settlings of potato meal, and they become as bright as they usually do when rubbed in tripoli. The process is par icularly advantageous for engraved and raised obj cts, where the powder is liable to collect in the cavities. German silver and plated ware can be cleaned in the same way. Potato water, which has become sour by long standing, can be substituted for acids to clean copper vessels. A NOVEL REASON .- A friend, vis ting in a minister's family, where the parents were very strict in regard to the children's Sabbath deportment, was confidentially informed by one of the little girls that "she would like to be a minister." " Why?" inquired the visitor, rather puzzled to understand what had given the child so sudden an admiration for that calling. The visitor was quickly enlightened

and a much higher temperature can be said "she knew the person to whom he referred."

> He that rises late must trot all day, and shall scarce overtake his business at night.

## NOTICE.

THE Subscriber offers for Sale his well known Farm, Situate in Wilmot, County of Annapolis, on the North back road, about one half mile east from the Wilmot Spa Springs, and about one and a half miles from the Railroad Station. Said farm contains 125 acres of very valuable land, advantageously divided into Hay, Pasture, and Woodland. The hay and tillage land are under a superior state of cultivation, the pasture is of an excellent quality, and wood lot sufficient to supply a family for generations to come. On the Farm is a comfortable House of Size and accomodations to suit a large family. Also 2 good Barns, with other convenient out buildings all in good state of repair. An abundant supply of water is carried into the House by pipes from a never failing Spring, and also taken for the use of the harn;

There are about 100 grafted apply trees producing from 60 to 200 barrels annually. This property is so well known that further

particulars are unnecessary. The terms of payment will be made easy, only a small proportion will be required down, with good and approved security for the remainder.

The stock and farming utensils can be had by a purchaser of the farm if required.

For further particulars apply to the owner on the pr. mi es. GEORGE BALLENTINE.

Wilmot, County of Annapolis, ( January. 22nd, 1873.

Jan. 29

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 YONGUE."

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. June 1. H. G. LAURILLIARD, **FAILOR**, GENTLEMEN'S DRESS MATERIALS. AND Furnishing Goods constantly on hand Agent for the NEW YORK FASHION PLATES. 331 HOLLIS STREET. HALIFAX, N. S. lyr. May 17 . To Parents and Sabbath School Teachers. JUST PUBLISHED. SECOND EDITION-REVISED. A SCRIPTURE CATECHISM. for the Family, the Bible Class, and the Sabbath Schoel,

BY S. SELDEN.

Price 8 cents or 86.00 per 100.

hours to the time of the sun's setting, and from the sum subtract the time of rising.

COR THE LENGTH OF THE NIGHT -Subtrue, the time of the sun's setting from 12 hou. and to the remainder add the time of No. 15, 17 and 19 (W. & A. R.) will leave rising n.x . orning.

Joyful news for the Afflicted, GATES' Life of Man Bitters.

Mrs. Alice Robinson of Williamston, in the county of Annapolis and Province of Neva Scotia, deposeth and saith that in the year 1840 she was fearfully and distressingl, afflicted with a combination of complaints which altogether rendered her almost helpless, during which time she was treated by one of the ablest physicians residing in the county, and part of the time by two Physicans for about a year, and still was not sensible of any material benefit or relief. And after a time she was recommended to a medicine at that time prepared by Mrs Gates of Wilmet, which in an incredibly short time acted like a charm upon her whole system, and she was entirely cured of all her various difficulties and complaints and remained as she considered a sound and healthy woman for about twenty five years.

Mrs. Robinson further states that in the autumn of 1869 she was taken ill and was under the doctors hands all winter, and in the spring ensuing she was taken with a most obstinate and distres ing cough which the Doctor was uzable to care. She was also afflicted with the piles and other troublesome complaints. At length she resolved to apply to Dr. Caleb Gates for as istance and help, and soon found them all yielding the power and influence of his justly celebrated medicines, and says she is completely free and curea of all those various difficulties through the kindness and skill of Dr Gates and the efficacy of his most excellent medicine.

MRS. ALICE ROBINSON Sworn to at Williamston, this 9th day of February, A. D., 1872, before me, JAMES WHEELOCK, J

Lunenburg, Nova Scotia ? Sept. 18, 1871.

Dear Sir :-- Last winter I was so trouble 1 by a severe cough that I feared consumption would ensue. I failed to obtain relief from any source, until I tried your medicine. 1 now state on my oath, that one bottle gave me re. lief. I continually keep it for the use of my family and would not think of being without

Yours most respectfully, GEORGE ARENBURG. Sworn before me one of Her Majesty's Justice of the Peace for the county of Lunenburg. JAMES D. SELIG, J. P.

PRICE.

Halifax for Windsor Junction at 8.0) and 8.45 a. m., and 3.00 p. m.

No. 16. (Peticodiac Freight) will leave St. John at 2.45 p. m., and be due at Petitcodiac at 8 p. m.

No. 18. (Sussex Passsenger Accommodation) will leave St. John at 4.40 p. m., and be due at Sussex at 6 40 p. m.

No. 20. (Truro Passenger Accomodation) will leave Truro at 6.00 a.m., and be due in Halifax at 9.15 a.m.

No. 21. (Sussex Passenger Accommodation) will leave Sussex at 7 a. m., and be due in St. John at 9.00 a.m.

No. 22. (Trure Freight) will leave Truro at 645 a. m. and be due in Halifax at 1.20 p. m.

Nos. 23 and 25. (Shediac Passenger Accommedation) will leave Point DuChene at 6 50 a.m., and be due in st. John at 12 noon.

and 26. (Freight and Passenger accom-Nos. 24 modation) will leave Pictou at 600 a. m., and be due in Halifax at 2.35

(Petitoodiao Freight) will leave Petitoo-No. 27 diac 7.00 a. m. and be due in St. John at 1 30 p m.

Nos. 28 and 30. (Pictou Pas enger Accommodation) will leave Picton at 1 45 p.m. and be due in Halifax at 7 30 pm.

No. 29, (Passenger Accommodation) will leave Hampton at 5 45 p m a.d be due in St. John at 6 55 p. m.

Nos. 31 and 33. (shed as Passenger and Freight Accommodation) will leave Pt. Du-Chene at 10.30 a. m. and be due in St. John at 7 45 p m.

32, 34 and 36 (W. & A. R.) will be due in Halifax at 11 00 a, m. 6 45 p. m and 8 25 p. m.

No. 35, (Passenger Accommodation) will leave Point DuChene at 3.20 p m. and be due at Painsee at 4 p. m.

Nos. 37 and 39, (Truro and Moneton Freight Passenger Accommodation), will leave Truro at 9, 30 p. m. and be due at Moneton at 8,10 a. m.

Nes. 38 and 40, (Moncton and Truro Freight and Passenger Accommodation), will leave Monoton at 6.45 p. m. and be due at Truro at 5 .30 a.m. LEWIS CARVELL,

General Superintendent. RAILWAY OFFICE, Moneton, 19 h May, 1 73. May 21.

FANCY SALE AT ANTIGONISH.

THE Ladies of the Antigonish Baptist Sewing-Circle intend holding a Sale of Fancy Articles early the ensuing Summer for the purpose of aiding in the erection of

A NEW BAPTIST MEETING HOUSE

Contributions to the Fancy or Cash depart-

by the prompt reply :-" So that I could holler on Sunday !" -National Baptist.

Bitters \$1 per bottle : Syrup 50 cents per bottle ; Liniment 25 cents per bottle and the ointment 25 cents per box. Address CALEB GATES & CO.,

Farmington. Wilmot, Annapolis Co. I A large number of certificates, similar to the above, have been received and will be published at times for the information of the afflicted and the people generally.

\*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.

May 21.

BAZAAR.

THE Ladies of the Baptist Sewing Circle in Onslow intend holding a sale of useful and ornamental Articles at the New Baptist Meeting-House in Onslow, in the last week in June or the first week in July ensuing of which timely notice will be given. Tea and Refreshments will be furnished on the occasion, the proceeds to be in aid of the Baptist Church Building-Fund. Contributions which will be gratefully

received, and may be forwarded to MRS. JAMES MCCURDY, MRS. JAMES LINTON,

MRS. FRANCIS LABRAIN. Onslow, May 21st, 1873. May 28

ment, will be most thankfully received by either of the following Committee, Mrs. F. Cunningham, Mrs. T. M. King, Mrs. C. B. Whidden, Mrs. I. F. Robb, Mrs. J. B. Me-Quillin, Antigonish. Miss Maggie Hill, Sydney, Mis Fannie King, Truro, Mrs. Reuben Hart, Halifax. Antigonish, March 22nd, 1873. April 2. 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. ADVERTIZING at usual rates. STEPHEN SELDEN, Proprietor.

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

PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms. Magistrates Blanks always on hand.