The Christian Messenger.

HALIFAX, N. S., MAY 27, 1874.

ALMANAC FOR JUNE

		-	-	ender Reduced	necolos de Ci	ALCO CONTRACT	-	Colombine	aponeense.	accordinates	pundin, ris	and the second second	the resemble spinished
Ne Fit	Last Quarter, June 7th, 9h. 4m morning. New Moon, "14th, 2h. 38m. morning. First Quarter, "21st, 3h. 47m. afternoon. Full Moon, "29th, 2h. 34m. morning.												
D.N	Day Wk	PR 1997/29	SU		32222233	Ris		or Australia	oN.	secular chance		High at Ha	
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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. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundlands 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-

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 -Subtrace the time of the sun's setting from 12 hou, and to the remainder add the time of rising n. x' worning.



SPRING ARRANGEMENT. COMMENCING WEDNESDAY, 1st April, 1874.

HALIFAX TOST. JOHN.

Millor 5	Da Lice	STATIONS	Exp. Pass. Pass. No. and and 1. Frgt Frgt.				
	1					A. M.	
	0	Halifax-	Leav	e.		8.30	
CF IN ING		Bedford	. 44		8.25	9.10	3.30
*		Wind. Junction	11		8.40	9.40	3.55
		Mount Uniacke	**		9.18	10.40	4.45
		Ellershouse	64		9.47	11.20	5.22
		Newport	44		10.00	11.33	5.34
		Windsor	44				6.12
0		Hantsport	66		10.40		
		Wolfville .	41				7.24
		Kentville	- 66		11.40		
		Berwick	44		12.12		
		Aylesiord	***		12.25		
1	01	Middleton	44		12.58		
		Lawrencetown	44		1.15		
		Bridgetown	. 44		1.35		
		Annapolis-arriv			2.10	- A - M	

190 St. John by Steamer ... 8.00

ST. JOHN TO HALIFAX. Pass. Pass. Exp.

ME	STATION		Frgt.		
	St. John by Ste		A. M.		
0	Annapolis	Leave.		8.15	2.20
14	Bridgetown	**		9.08	2.55
	Lawrencetown	"		9.40	3.13
28	Middleton	11 -		10.07	3.32
	Aylestord	"		11.15	4.10
	Berwick	"	KERNEY SERVICE	11.35	4.21
	Kentville	"	7.30	1.00	5.00
	Wolfville	- 41 .	7.53		5.21
	Hantsport	11	8.33		
	Windsor	16.		3.00	6.10
	Newport -	"		3:27	6.28
	Ellershouse	11 .			6.37
	Mount Uniacke		10.45	4	2 00 61-11
	Windsor unc.		11.45		F #9 4 /
•••	Transcor wheel		P. M.		1
121	Bedtord	11	12.03		8.00
	Halifax-Arrive			6.25	

N. B.-Trains Nos 1 and 6 run in connection with the S eamer "Scud," and on Monday, Wednesday, and Saturday only. Steamer "Scud" leaves St. John on Mon-

DAY, WEDNESDAY and SATURDAY, at 8 a. m. for Annapolis, and return same day, on arrival of 8 a. m. Express Train from Halifax, International Steamers leave St. John, on Monday and Thursday, at 8 a m., for East-

port, Portland, and Boston. European and North American Railway Trains leave St. John, at 8 a. m. for Woodstock, Fredericton, St. Stephens, Bangor Portland, Boston, and all parts of the United States and Canada.

Through Tickets at reduced fares by above routes to all parts of the United States and Canada may be obtained at the Company's Office, 126 Hollis Street, Halifax, at Richmond, and the principal Stations on the Railway. P. INNES, Manager. Kentville, 30th March, 1874. April 1

Hats and Caps.

ATE have now on hand a full Stock of all W kinds, including the

NEWEST STYLE 3, to which we invite the attention of our friends,

May 3.

Wholesale and Retail. Our prices are as low as any in the city. Silk Hats made to order by Conformateur Measure, without extra charge. EVERETT BROTHERS,

100 Granville St.,

Scientific.

MILK is one of the most complex organie compounds with which chemists are acquainted.

The chemist divides it into four proximate principles: water, caseine, butter, sugar, with certain soluble salts, gravity of about 1.03.

average specimen of good fresh milk :

Sp gr. 1.0277. Ash, or salts..... Caseine..... Butter Sugar..... 3.30

THE VALUE OF TIME. - What does it matter if we lose a few minutes in a whole day?

Answer-Time Table (days in a

5 min. lost each day is, in a year - 3 10 min. lost each day is, in a year - 6 20 mm. lost each day is, in a year-12 30 min. lost each day is, in a year-19 60 min. lost each day is, in a year-39 1 80

year 311; working hours ina day, 8):

We trust that the above will touch the hearts of those who call in to see you "just for a minute."

A SIMPLE INSECT-CATCHING DE-VICE .- A writer in Les Mondes says putting a lighted lantern within, leavheld fast by the tar.

July, 1876, for the best essay record- every kernel, and we find it coming up are due to chemical or physical causes, or to both. Papers, in German, Latin, English or French, are to be sent in before March, 1876.

A good neighbor, who knows all about it, tells me that he always packs hams in the early spring time, before Mass., in an essay read before the flies come, in a box, with all the interstices between the hams filled up with After experimenting with most kinds some coarse, dry salt that he has used of fertilizers and methods of planting for many years for the same purpose; and cultivating the potato, I have solsalt that came out of fish barrels. He | ved the problem to my satisfaction. washed and dried it thoroughly first. I am confident that the best results can He keeps the box in his barn in a be obtained on the majority of our cool, airy place.

diseases they are already far beyond one eye on a piece, and putting only

troubled with catarrh 14 years cured cutting my potatoes into pieces, leaving it by using the following: Take a only one eye on a piece, and putting pint of soft water and put in it a table- only one piece in a hill, with the folspoonful of fine table salt, as much salt | lowing results: In the spring of 1868 may be used as will dissolve well. I took one bushel of potatoes and cut Take two teaspoonfuls before going to them into pieces, leaving only one eye St. Mary's Bay, Dipby Co.—Chas, McNeill, Esq.

A SIMPLE REMEDY .- A poison of any conceivable description and degree of potency which has been intentionsimply swallowing two gills of sweet nearly one third. oil. An individual with a very strong constitution should take nearly twice the quantity. The oil will most positively neutralize every form of vegetable, animal, or mineral poison with which physicians and chemists are acquaint-

ARABIC RIDDLE. " O Arab tribes, so bold and gay, What little grain have you to-day? It never on the trees is seen, Nor on the flowers and wheat so green. Its source is pure, 'tis pleasant to eat, From water it comes that is not sweet, Though from water it comes and there's water in it,

You put it in water, it dies in a minute." Who has found the answer to that Think a moment. Salt.

When is a thief like a reporter? When he takes notes.

Agricultural.

CORN FODDER. - The prejudice against sowed corn for fodder is rapidly disappearing. As farmers try it When fresh drawn it appears to the they become convinced that it is both naked eye as a homogeneous white an economical and valuable winter opaque liquid. It has a sweetish feed for cattle. A correspondent of number of that paper, says:

For three years sowed corn has been the largest part of my winter feed. Now, I know that my cattle will give chiefly phosphates and chlorides, and more milk and will gain faster in flesh some free soda. It has a specific on this than on any other feed, grain excepted. I pride myself on having The following is an analysis of an as good hay as any one. As I have but little to cut, I put it into the barn as nice as possible; yet I never had hay nice enough to tempt the cattle rye that has been cut ripe, we would from the corn fodder. My method of raising is very much the same as others. Make the ground rich with manure if you can, and be sure it is mellow; sow the ground as early as possible after danger of frost is past, and be the moist cut straw. This makes a sure and cut it before it is injured by the frost in the fall.

> . In cutting up the fodder, as I can get no reaper, I am obliged to use a corn knife, or, if not very heavy, a eradle. Shock it up in very large shocks, and bind it up after it has stood a few weeks or when ready to haul into the barn.

says, in reference to preparing the

ground and sowing: I sow but three bushels of seed per acre in this way: Plough the land as early in the spring as the ground is dry that he is enabled to materially re- to the depth of 10 or 12 inches; then duce the number of insects which prey about the first of June spread on a upon the flowers and fruits of his gar- good coat of compost manure; cultiden, by covering the inside of an old vate this in with a loaded two-horse tub with hauid tar, and at twilight cultivator; afterward harrow smooth with brush or harrow; then I take a ing the whole out over night. The light plow with a wheel fixed so that bugs, attracted by the light, try to the plow will not run more than three reach the lantern and are caught and inches deep; strike the piece out in lands so that about as many straight furrows make a land; have a boy PRIZE FOR AN ESSAY ON STEEL .- follow the plow with a basket of corn, The Academy of Sciences of Berlin and sow it along every third furrow. offers a prize of \$200, payable in You see in this way the plow covers ing experiments as to whether changes in straight rows about three feet apart, in the hardness and friability of steel so that a cultivator can be run between them at different times all summer. In this way I have raised as many as ten two-horse loads of fodder on an

> SEED POTATOES AND FERTILIZERS -Mr. E. H. Judd, of South Hadley, Franklin Harvest Club, said:

soils, by first ploughing, then thoroughly pulverizing, and drilling at least DEODORIZERS - As deoderizers and five inches deep. Then apply in drill disinfectants carbolic acid compounds manure of first quality at the rate of are in their effect instantaneous and live cords per acre, after dropping the permanent. As preventatives of seed in bottom of drill, the manure to malarious, contagious, and infectious | be put top of seed, and only leaving rivalry. For the instant and utter one piece in a hill. Having tried difdestruction of parasites and all their ferent sized tubers, am satisfied that evil consequences they are as lightning. the larger the potato you use for seed New Albany-Daniel Whitman. the greater will be the returns. Two CATARRH REMEDY .- One who was different years I have experimented by Parsboro-Martin Hunter. on a piece, and planted them one piece in a hill. They went over nearly or ethird of an acre. The following fall I harvested from that field 105 bushels of merchantable potatoes. Have since ally or accidentally swallowed, may be tried the experiment of jutting in two rendered almost instantly harmless by eyes, but have diminished the yield

FRUITS AND HEALTH .-- Dr. Hunt said at a recent meeting of the Warsaw Horticultural Society, that "an Do. absence of fruits implied doctor's bills." We have urged for many years the importance of a regular supply of ripe fruit to prevent disease, and insisted that the best medicine chest which an emigrating family could carry to a newly settled country would be a box of early bearing fruit trees, current, gooseberry and raspberry bushes, and strawberry plants. We knew a family who moved West, and took with them a very large supply of dried fruit, which lasted them throughout the first summer. None of them were sick, although disease prevailed all about them that year; but the next year, with more comforts and less privations but with no fruit, they suffered much

from sickness. Other Western residents have told us that so long as they could have ripe fruit, they have been free from all disease resulting from malaria. - Southern Farmer.

A French horticulturist has perceived that, wherever a fruit-a pear for instance—rested upon some branch slightly alkaline taste, with an unctuous | the Rural New-Yorker, in a recent or other support beneath it, that fruit always grew to a large size. The support given to the fruit permits the sap vessels of the stem to remain open. and the fruit can receive abundant nourishment.

> How TO FEED RYE .- We have fed rye to horses and cows as green fodder. cut when coming into ear, in which state it is very excellent feed. To feed thrash it, grind the grain along with corn or oats, cut the straw in a foddercutter, moisten it with water, sprinkle a handful of salt and three quarts of the ground feed upon a large pailful of very good feed for an ordinary sized horse when working moderately .-Am. Agriculturist.

The Illinois Legislature has just passed a law which provides that whoever adulterates any milk with water, chalk, or other substance, or sells such milk, shall be confined in the Another writer in the same paper, county gaol for a period not exceeding one year, or fined in a sum not exceed-

> A Western man relieves his chaked cattle by simply taking up a hind foot and hitting a few smart blows on the bottom with a hammer or stick or whatever comes handy.

Black current leaf tea is recommended for dyspeptics.

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Halifax, May, 1873. Aug. 27.

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