

The Messenger Almanac.

October. New Moon, Oct. 6th, 5h. 44m. afternoon. First Quarter, " 13th, 11h. 28m. Full Moon, " 22th, 3h. 17m. morning. Last Quarter, " 29th, 10h. 7m.

Table with columns for Day, SUN. Rise, Sets, MOON. Rise, Sets, High Tide. Rows for days of the month from 1st to 31st.

THE TIDES.—The column of the Moon's Southings 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, 2 hours 56 minutes LATER. At Westport, 2 hours 54 minutes LATER. A Yarmouth, 2 hours 20 minutes LATER.

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For Consumption And all diseases that lead to it; such as COUGHS, NEGLECTED COLDS, BRONCHITIS, PAIN IN THE CHEST, AND ALL DISEASES OF THE LUNGS.

ALLEN'S LUNG BALSAM IS THE GREAT MODERN REMEDY IT IS WARRANTED to break up the most distressing Cough in a few hours time, if not of too long standing. It is WARRANTED to give entire satisfaction even in the most confirmed cases of Consumption! It is WARRANTED not to produce costiveness (which is the case with most remedies), or affect the head as it contains no Opium in any form. It is WARRANTED to be perfectly harmless to the most delicate child, although it is an active and powerful remedy for restoring the system. There is no real necessity for so many deaths by Consumption, when Allen's Lung Balsam will prevent it, if only taken in time. PRICE \$1 PER BOTTLE. SOLD BY ALL DRUGGISTS. April 22.

50 VISITING OR CALLING CARDS with your name finely printed, sent for 25 cents. Agents wanted. 6 samples sent for three cent stamp. Address A. W. KINNEY, Yarmouth, N. S. May 24. Nova Scotia Book Bindery, G. & T. PHILLIPS, Corner Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Performers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.

C. L. WEEKS, LONDON HOUSE BUILDING, WATER STREET, WINDSOR. SAVE 15 CENTS in every DOLLAR by purchasing your BOOTS and SHOES, HATS and CAPS from C. L. WEEKS. April 14.

AGRICULTURE.

MILKING BY MACHINERY.—Hand labor is gradually being superseded by machinery in nearly every branch of industry. It is curious to mark the unlikely uses to which machinery may be applied. An ingenious inventor in the United States has recently patented a useful device in the shape of a cow-milking machine, which it is said, will do all that can be done in milking by hand, faster and easier, and will be of special service where cows have sore teats or are hard milkers. The apparatus consists essentially of a glass globe, large enough to hold an average yield of milk, which is connected by means of a flexible tube with an air pump. Rising from the top of the globe are small pipes with metal tips. The mode of operation consists in suspending the globe underneath the animal to be milked, and inserting the tips of the small pipes into the teats. A partial vacuum is then effected inside the globe by means of the air pump, and the milk thus drawn forth. The advantages claimed by the invention are that it prevents any loss of milk through spilling, it renders milk or straining pails unnecessary and prevents entrance of dirt. Finally, it can be easily manipulated by anybody.

BUTTER.—How can butter be preserved through the summer months, so as to be good for market in the fall? A farmer's wife replied that if well made, and the butter-milk is all out of it, butter covered with brine and kept air tight will be found all right in the fall. The brine must be in sufficient quantity to cover and surround the butter, and if packed in wooden vessels, these should be thoroughly saturated with brine before the butter is in, or it will not be airtight.—Ex.

WATERING PLANTS.—Plants set against walls and piazzas frequently suffer from want of water at this season, when even ground near them is quite wet. Draw away the soil around each plant so as to form a basin; fill it with a bucket full of water, allowing it time to soak gradually away, and when the surface has dried a little, draw in loosely the soil over it, find it will do without water for some weeks. This applies to all plants wanting water through the season. If water is merely poured on the surface, it is made more compact by the weight of water, and the harder the soil becomes the easier it dries, and the result is, the more water you give the more is wanted.—Gardener's Monthly.

The American wheat crop for 1877 is estimated at 380,000,000 to 420,000,000 bushels—say 400,000,000. They will require for home consumption 160,000,000 bushels, for seed, 40,000,000, and they expect to export 75,000,000 to the United Kingdom, leaving a balance to carry over to 1878, 134,000,000 bushels, which will be quite an important factor in determining the ruling price of wheat.

Over three thousand immigrants have arrived in Manitoba since the opening of navigation, and nearly two hundred of that number have returned to the climes whence they came.

TOMATOES.—The French mode of raising tomatoes is as follows: As soon as a cluster of flowers is visible, they top the stem down to the cluster, the buds soon push strongly and produce another cluster of flowers each. When these are visible, the branch to which they belong is also topped down to their level; and this is done five times successively. By this means the plants become stout dwarf bushes, not above eighteen inches high. In order to prevent their falling over, sticks or strings are stretched horizontally along the rows, so as to keep the plants erect. In addition to this, all laterals that have no flowers, and after the fifth topping, all laterals what ever are nipped off. In this way the ripe sap is directed into the fruit, which acquires a beauty, size and excellence unattainable by other means.

To drive off red ants, grease a plate with lard and set it where the ants are troublesome; place a few sticks around the plate for the ants to climb upon; they will desert the sugar-bowl for the lard; occasionally turn the plate over a fire where there is no smoke, and the ants will drop off into it; reset the plate, and in a few repetitions you will catch all the ants; they trouble nothing else while the lard is accessible. Love asks faith, and faith asks firmness.

VARIETIES.

A little six-year old city boy went into the country visiting. He had a bowl of milk. He tasted it, and then hesitated a moment, when his mother asked him if he didn't like it, to which he replied, smacking his lips, "Yes ma'am, I was only wishing our milkman would keep a cow."

A young mother in Wilmington explained christening to her five-year-old boy told him that when he was christened he "would be one of God's little lambs." "And will I have hind legs and baa?" eagerly asked the boy.—Toronto Globe.

A man's first wonder, when he begins to preach, says Philips Brooks, is that people do not come to hear him. After a little while he begins to wonder that they do. It is only in men of the lowest intelligence that success increases self-conceit.

Lady Mary Wortley Montague once said: "It goes far to reconcile me to being a woman when I reflect that I am thus in no danger of ever marrying one."

A line in one of Moore's songs runs thus: "Our couch shall be roses, bespangled with dew." To which a sensible person replied: "Twould give me the rheumatiz, and so it would you."

"What kind of carpet shall we get for the parson's study?" asked a church committee man of his colleague. "Axminster," was the comprehensive reply.

"I have never known but two women who were really perfect," said a French lady to another, "Who was the other?" asked her companion.

"Lunatic fringe" is the name given in New York to the fashion of cropping the hair and letting the ends hang down over the forehead.

"For the present," says the Rochester Democrat, "will correspondents please write on neither side of the sheet?"

A notorious eavesdropper, rain. A green grocer, one who trusts. Long division, separation for life. An expensive wife makes a pensive husband.

People who live in glass houses have blue panes. The man at the wheel has a stern duty to perform.

A white flag over a Swiss prison shows that it is empty. No occasion to display such a flag on this continent.

SCIENCE.

FRUIT FOR FOOD.—If a child's digestion becomes impaired and the gastric juice becomes weakened or defective in quantity by over-eating or bad food, the whole alimentary canal becomes clogged and filthy, and furnishes nests for such worms as will breed there. In this weakened condition of the system they cannot be destroyed by the process of digestion, and hence great harm comes from them. Now, it is an interesting fact that fresh ripe fruit is the best preventive for this state of things. Dr. Benjamin Rush pointed this out one hundred years ago. He made a series of experiments on earth worms, which he regarded as more nearly allied to those that infest the bowels of children than any other, with a view to test their powers of retaining life under the influence of various substances that might be used as worm medicines. The result proved that the worms often lived longer in substances known as poisonous than in some of the most harmless articles of food. For instance, in a watery solution of opium they lived eleven minutes; in infusion of pink-root, thirty-three minutes; but in juice of red cherries they died in six minutes; black cherries, in five minutes; red currants in three minutes; gooseberries, in four minutes; whortleberries, in seven minutes; and raspberries in five minutes. From these experiments Dr. Rush argued that fresh ripe fruits, of which children are very fond, are the most speedy and effectual poisons for worms. In practice this theory is found to be correct.

An interesting discovery has just been made at Tamworth. While a man was engaged in excavating for the erection of a wall near the Board schools he came upon a small leaden box which, on being opened, was found to contain about three hundred coins, some of which bear the marks of Stafford, Berwick, and Hereford. They are thought to belong to the time of William I and William Rufus. It is intended to submit the coin to competent authorities for examination.

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