

The Messenger Almanac.

Table with 4 columns: Quarter, Day, Rise, Sets. Rows for First Quarter, Full Moon, Last Quarter, New Moon.

Table with 4 columns: Day, SUN. Rise, Sets, MOON. Rise, Sets. 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, 20 minutes EARLIER than at Halifax.

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.

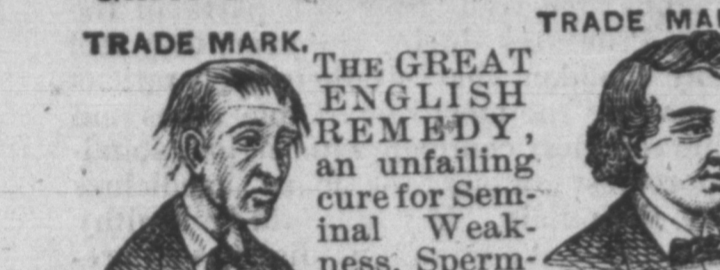
FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting, from 12 hours and to the remainder add the time of rising next morning.

PATENTS

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Address: LOUIS BAGGER & CO., Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, D. C. May 1.

GRAY'S SPECIFIC MEDICINE.



Before Taking Impotency. After Taking and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Universal Lassitude, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave.

Full particulars in our pamphlet, which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent free by mail on receipt of the money by addressing THE GRAY MEDICINE CO., Toronto, Ont.

Sold in Halifax by all druggists and everywhere in Canada and the United States by all wholesale and retail druggists.

N. B.—The demands of our business have necessitated our removing to Toronto, to which place please address all future communications. March 12, 79.

DR. J. WOODBURY'S

Horse Liniment,

The only decidedly, reliable remedy for all affections of the Horses hoofs, and promptly removes Splints, Curbs, Bog Spavins, Strains or Sprains, Bruises, Saddle or Collar Galls, &c. &c. And given internally will promptly relieve every character of Cough, Enlargement of the Glands, Affections of the Kidneys, etc. And when used according to the directions as an internal or external remedy it is strictly warranted to effect that for which it is recommended. No stable should be without it. For full description and directions, see Circulars around each bottle.

Sold Wholesale by BROWN & WEBB, Halifax; and at Retail by BROWN BROS., and by Druggists and Grocers generally throughout the province. Nov. 5. eow. 6m.

THE FARM.

HOW TO TREAT MANURE.—"Should it be exposed to the rain, freezing and thawing of winter, or sheltered until spring? Would it have time to rot after the freezing weather set in, and be in time for use on the corn-field?"

It would be much better to have the manure piled up under a shed, than exposed to the weather. Manure, to keep well, must be either packed by treading to exclude the air, or kept so moist that fermentation will not become violent and burn (fire fang) the heap. If exposed to rain and water much leaches out, and is lost. If kept under cover, there should be a tank at the lowest point covered with rails, or a grating where liquids can settle, and be pumped up over the heap again. Add fresh water, if necessary, to secure moisture enough to prevent burning. Such manure is in good condition in spring. The corn crop does not require rotted manure.—American Agriculturist.

ABOUT POULTRY.—The comb of a fowl is a sure indication of the state of its health. If it loses its bright, rich colour, it is diseased in some way, and as the disease approaches its worst stages the comb turns black.

It is rarely that laying hens get sufficient food at this season of the year. Few persons are aware how much a fowl will eat in the course of a day. We must bear in mind that when the ground is bare they are eating nearly all the time.

A lady who has raised a large number of hens says that after vainly trying the recommended remedies for lice, she has hit upon the plan of giving them once or twice a week a large loaf made of Graham flour, in which a handful of sulphur has been mixed. The hens like it, and are freed from lice, and kept healthy through the season.

AMBER SUGAR CANE.—At a late meeting of the Oshawa Farmers' Club Mr. Bartlett said:—"He would not advise farmers to go into growing amber cane largely until they were sure their soil was suited to it. His cane grew on three different soils, but he considered the light sandy knoll produced the best syrup. An agent of the Redpath refinery had examined the syrup recently, and pronounced it a better article than the refinery syrup." At the close of the meeting a vote of thanks to Mr. Bartlett for his experiments, and the information he had given to the club was passed unanimously.

Few persons are aware of the manurial value of sewage. It is said that if the sewage of London could be applied to an entirely barren soil, it would confer upon it the power of producing sufficient for 150,000 people, and this is drained into the river Thames to poison its waters and spread pestilence along its shores. A practical solution of the problem of how to utilize sewage would be a boon to the world.

THE HOUSE.

The taste for candied honey should be encouraged. In Europe it is preferred to liquid, but here it is usually considered a defect, and the honey brings a lower price. It is thought to be adulterated, when in fact the candying is an evidence of purity, and such honey ought to command a higher rate than other extracted honey.

CORNMEAL PORRIDGE.—When the water intended for mush begins to boil, salt, sift in the meal with one hand, stirring with the other to prevent lumps. When thick, set the kettle into the oven and let it bake an hour. This cooks the meal thoroughly without danger of burning.

STEAMED CORN BREAD.—Two cups of white Indian meal, one cup of sifted flour, two and half cups of buttermilk, a tablespoonful of melted butter, two tablespoonfuls of sugar, a teaspoonful of soda, and a teaspoonful of salt. Beat thoroughly, put into a buttered mould or tin pail and steam one hour and a half, then set in the oven ten minutes. Turn out and eat while warm. This makes an excellent dessert eaten with liquid sauce. By adding a cupful of dried cherries or currants it is much better for a pudding.

BROWN SOUP.—Brown one table-spoonful of flour; then put it in a bowl with a small lump of butter. Stir together to a smooth paste, and add one-

half a pint of boiling water with a slice of toasted bread, cut into small pieces, and salt to taste.

This soup is both palatable and nutritious; and when animal food is forbidden, may be used as a good substitute for richer soup.

ONIONS.—From our own experience, and the observation of others, we can fully endorse the testimony of the St. Louis Miller, on the healthful properties of the above esculent. Lung and liver complaints are certainly benefited, often cured, by a free consumption of onions, either cooked or raw. A cold yields to them like magic. Don't be afraid of them. Taken at night, all offense will be gone by morning, and the good effects will amply compensate for the trifling annoyance. Taken regularly, they greatly promote the health of the lungs and the digestive organs. An extract made by boiling down the juice of onions to a syrup, and taken as a medicine, answers the purpose very well, but fried, roasted or boiled onions are better. Onions are a very cheap medicine, within everybody's reach, and they are not by any means as "bad to take" as the costly nostrums a neglect of their use may necessitate.

VARIETIES.

WHY CATS WASH AFTER EATING. A cat one day a sparrow caught; About to eat her up, "Stop!" cried the sparrow; "gentlemen! Should wash before they sup." Grimalkin paused; to be presumed So fine was rather nice. "Quite true," he said, and dropped the bird To follow her advice.

Off flew the sparrow. "Ah, you rogue!" Cried pussy, in a rage, "So that's your game! But I'll be wise In future I'll engage! I'll never wash before I eat, But after." Which is still A fashion that the cats keep up, And, doubtless, always will. —C. A. Mason.

An old gentleman without tact, on meeting some ladies whom he had known as girls, in his boyhood, cordially remarked: "Bless me! How time flies! Let me see. It is fifty-two years come next April since we used to go to school together, in the old red schoolhouse. I was a little chap then, you remember, and you were fine young women." The old man never could understand why his cordial greeting was received so coldly.

We heard of a young lady who, during Lent, desiring to make some special self-sacrifice, gave up coffee for one week. This was at too great a cost, so deliberating long as to what sacrifice she should next make, she decided to remove the red bows from her slippers. This eased her conscience, and we doubt not the weeks of Lent were happy ones. This reminds us of the boarding-school of young ladies who unanimously voted this year to deny themselves during Lent, by giving up "hash."

BREAD FAMINE IN RUSSIA.—A St. Petersburg paper gives a startling account of the present condition of the poor of Russia. Black bread costs in that city five copecks (three and three-fourth cents), for 12 ounces, or five cents per pound. The average salary of laborers is 15 roubles (\$11.25) per month. When his taxes are paid, the laborer has only 45 copecks (34 cents) per day for all needs. It is painful to think what must be the condition of him who receives still smaller wages, and who perhaps has a wife and family. Should the price of bread advance in price, which seems probable, much suffering must ensue. The condition of working people in the provinces is reported as equally deplorable.

AN INSECT CATCHES FISH.—In Japan is found a beautiful fish which has a sort of gun for bringing down insects. It does not wait, like other fishes, for the fly to fall into the water by accident. Seeing one lighted near the water, the chaetodon gently approaches, and aiming its beak, blows a drop of water with unerring aim, knocks the unsuspecting fly off its perch into the stream and devours it, doubtless with a relish begotten by its skill as a sportsman. It is said the Japanese amuse themselves by watching their captive chaetodons shoot the flies presented to them.

In one district in Japan, 71 Buddhist temples have been diverted to secular uses since 1873, and over 700 in the whole Empire since 1871.

To Architects, Builders and Others.

BROKENSIRE'S PATENT MINERAL FIRE-PROOF ROOFING

—AND COMPOSITION FOR— Paths, Sidewalks and Cellar Floors!

PATENT MINERAL FIRE-PROOF ROOFING.

There is an old saying that "necessity is the mother of invention," and perhaps nothing is felt, as a want, by our Builders and Architects, more than a good Material to cover flat roofs, and one that dependence can be placed in. It must be one that will be proof against fire and water, and one that will neither crack with the frost of winter nor run with the heat of summer. These faults have been found with other Roofing Materials, and have been the cause of much annoyance as well as serious expense.

A material to meet these shortcomings has been invented and patented by Mr. JOHN BROKENSIRE, of Kingston, Ont., who has succeeded in introducing it extensively in that locality; and wherever it has been used it has given the greatest satisfaction.

This roofing is pronounced by competent judges to be "far superior to anything yet discovered for SAFETY and DURABILITY, being perfectly safe from sparks or blazing shingles, and quite impervious to winter frost or summer heat."

PATHS, SIDEWALKS and CELLAR FLOORS made of this Composition become hard and durable almost as iron, and proof against atmospheric influences.

The undersigned is now prepared to show samples of the Roofing, and to receive and attend to orders for spring and summer operations.

The Prepared Roofing and Composition may be had in barrels, and sent to any part of the Province, together with full directions for use.

The most Perfect Satisfaction Guaranteed! Price and full particulars and testimonials on application to GEO. FRASER, Agent for the Maritime Provinces and Newfoundland.

Bedford Row, Halifax, July 1st, 1880.



INTERCOLONIAL RAILWAY.

WINTER ARRANGEMENT.

TRAINS leave Halifax daily (Sunday excepted) as follows:— (Halifax time.)

At 8.30 a. m.—Express for St. John, Pictou, Quebec.

At 1.15 p. m.—Accommodation for Pictou.

At 5.30 p. m.—Accommodation for Truro.

At 8.00 p. m.—Express for St. John and Quebec.

WILL ARRIVE:—

At 9.15 a. m.—Accommodation from Truro.

At 12.55 a. m.—Express from Quebec and from St. John.

At 3.00 p. m.—Accommodation from Pictou.

At 8.30 p. m.—Express from St. John. Nov. 24, 1880.



Windsor and Annapolis Railway.

Winter Arrangement—Commencing Thursday, 16th Dec., 1880.

The following is according to Railway Time. Halifax times is 15 minutes later.

Table with 4 columns: MILES, GOING WEST, Express Wed. and Saturday only, Passengers and Freight, Pass. & Frgt. Daily. Rows for Halifax, Windsor, Wolfville, Kentville, Berwick, Middleton, Annapolis.

St. John, do | 7 45

GOING EAST.

Table with 4 columns: MILES, GOING EAST, Pass. and Freight Daily, Pass. and Freight, Pass. & Frgt. Daily. Rows for St. John, Annapolis, Middleton, Berwick, Kentville, Wolfville, Windsor, Halifax.

Steamer "Edgar Stuart" leaves St. John at 8 a. m. every Monday, Wednesday and Saturday for Digby and Annapolis, and returns the same days, on arrival of 7.45 a. m. Express Train from Halifax.

HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a. m., and New Glasgow at 2.30 p. m. Arrives at New Glasgow at 11.00 a. m., and at Antigonish at 4.30 p. m.

Western Counties Railway.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.45 a. m. Leaves Digby on Monday, Wednesday, and Saturday at 4.00 p. m., and at 12.30 p. m. on Tuesday, Thursday and Friday. Arrives at Yarmouth Tuesday &c., at 4.30 p. m., and on Monday &c., at 8. p. m.

BAPTIST CHURCH REQUISITES.

Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3. each.

Alphabetical List of Members 40 cents each.

Letters of Dismission 50 cts. per quire. Psalmists, in all varieties, from 85 cts. Baptist Hymn Book from 50 cts.

Baptists Hymn and Tune Book \$1.00 and \$2.25. Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, No. 69 & 71 Granville St., Halifax. April 15.

SAVE THE NATION!

For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

RIDGE'S FOOD

FOR INFANTS AND INVALIDS,

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

Invalids, Nursing Mothers, and those suffering from INDIGESTION will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes.

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus materially lessening the expense.

WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridges Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs, April 17

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GATES BROS.,

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