

The Messenger Almanac.

Table with columns for Day, SUN., MOON., High Tide. Rows for 1st to 31st of August.

THE TIDES.—The column of the Moon's Southings gives the time of high water at Pictou, 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.

WHOLESALE. SMITH BROS. JUST OPENED 60 Cases LADIES' AMERICAN HATS. Straw, Leghorn & Tuscan. A CHOICE ASSORTMENT OF STYLES TO ARRIVE By next Steamer from England, A Lot of Goods! SO ORDERED TO ASSORT STOCK. May 12.

Ayer's Hair Vigor, For restoring Gray Hair to its natural Vitality and Color.



A dressing which is at once agreeable, healthy, and effectual for preserving the hair. Faded or gray hair is soon restored to its original color, with the gloss and freshness of youth.

HAIR DRESSING, nothing else can be found so desirable. Containing neither oil nor dye, it does not soil white cambric, and yet lasts long on the hair, giving it a rich, glossy lustre and a grateful perfume. Prepared by Dr. J. C. Ayer & Co., Lowell, Mass.

SCIENCE.

CHANGING THE COLOR OF FLOWERS.—The natural color of flowers may be altered, according to C. Pascher, by exposing them to the diluted fumes of ammonia. Most of the blue, violet, and light crimson flowers turn to a splendid bright green. Dark crimson clove pinks turn black, other dark red flowers turn dark violet, all white flowers turn sulphur-yellow.

TEMPERATURE OF THE SEA.—The lovers of sea-bathing will learn with much interest the result of a series of observation on the temperature of the sea, which were completed some time since by the Scottish Meteorological Society.

WHEN TO CUT WHEAT.—There is a right time to cut wheat, and it is as soon as the grain has passed from the milky to the doughy state. It will then not shrivel nor lose weight, the grains will not be rough and harsh nor the bran brittle.

VARIETIES.

"Mr. Smith," said a lady at a fair, "won't you please buy this bonnet to present to the lady you love?" "That could not be," said Mr. Smith; "I am a married man."

"Is that a funeral?" "Shure, sir, I'm thinking it is." "Anybody of distinction?" "I reckon it is, sir." Who is it that died?" "The jintleman in the coffin, sir."

No woman however nervous, has a right to wake up her husband from a sound sleep to tell him on inquiring what's the matter, "Nothing only I wanted to know if you were awake."

A stranger passing a churchyard and seeing a hearse standing hard by, inquired who was dead. The sexton informed him. (It happened to be a very unpopular man.) "What complaint?" asked the inquisitive one. Said the old man, "There is no complaint; everybody is satisfied."

"What is your name?" asked a census-taker. "John Corcoran." "Your age?" "Twenty-one." "What nativity?" "Well, that's what bothers me. I'll tell you, and may be you can make it out. My father was Irish, but is now a naturalized American citizen; my mother is English; and I was born on a Dutch frigate, under a French flag, in Turkish waters. Now how is it?"

"When you behave like a gentleman," said Miss Topping, "I will speak to you." "Yes," was the unkind retort, "but perhaps I won't speak to you, then."

An Englishman upon hearing the cackling in a poultry yard exclaimed, "Oh, this is really henchanting!" The iron horse has but one ear—the engineer.

AGRICULTURE.

There is one good thing about farming—a man can always raise enough to eat if he is of any account. He can raise his potatoes, cabbage, onions, turnips, beets, etc. He can grow the strawberries, raspberries, grapes, apples, peaches, and other fruits, to satisfy the wants of his family.

A correspondent of the English Farmer gives the following method for destroying field mice: "Cut a common sponge in small pieces (half an inch at most), and fry them in dripping (like fritters) until they harden: then scatter them at the spot infested by the field mice, and in a few days their dead and swollen bodies will be found everywhere."

Coal-ashes, says the American Cultivator, is one of the best of deodorizers. These emptied into vaults, will absorb everything unpleasant, and convert the contents into a most efficient manure. It is one of the best things to use in the hen-house to absorb odors, and afford an excellent article for the hens to wallow in and aids in destroying vermin.

The good farmer will not gauge his mowing machine to cut low, especially in his timothy field. Low cutting is very injurious to the future crop, and particularly so if the summer prove a dry one. There is no doubt about that.

Make a drink for the men in the harvest field of oatmeal and water with lemon and sugar: To one gallon of water use about one teacup of oatmeal, two or three lemons, and sugar enough to make it palatable, not too sweet; then throw in a piece of ice, and you will have a wholesome and refreshing beverage for the harvest-men—better than whiskey. It is stated somewhere that if the lemons are boiled whole, more juice is obtained.

In the United States the acreage under winter wheat is slightly greater than last year. The condition of the crop is reported as remarkably good, being rated at 94, per cent. above last year. In Pennsylvania, Ohio, Indiana, and Illinois the crop is unusually healthy, and promises a very large yield.

WHEN TO CUT WHEAT.—There is a right time to cut wheat, and it is as soon as the grain has passed from the milky to the doughy state. It will then not shrivel nor lose weight, the grains will not be rough and harsh nor the bran brittle. At this period the bran is thin and most elastic, can be best separated, and will leave the largest proportion of white flour.

In a recent charge of the jury, Judge Ewing of Allegheny county, Pa., passed upon the value of dogs, which he thought about ten cents a dozen for a fertilizing material.

When plants are to be transplanted, they should be well wet down several hours before moving, so as to allow the water to soak well around the roots, and if this must be done while the sun is shining brightly, it will be best to shade the plants for a time, till the water has soaked in. The deaf mute is as a rule the best one at offhand remarks.

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.

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. SUMMER ARRANGEMENT. TRAINS leave Halifax daily (Sunday excepted) as follows: (Halifax time.) At 8.25 a. m.—Express for St. John, Pictou, and intermediate places.

Windsor and Annapolis Railway. Summer Arrangement, For Halifax Time add 16 minutes.

Table with columns: Miles, GOING WEST, GOING EAST, Express Del., Passengers and Freight, Pass. & Freight Daily.

KIDDER'S PASTILLES. A Sure Relief for Asthma. Price 35 cts. by mail. STOWELL & CO. Charlestown, Mass.

MUSICAL. GATES BROS., Manufacturers of ORGANS AND PIANOS. Organs from \$75 and upwards. Warranted for 7 years.

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 POSTAGE PREPAID.