

The Messenger Almanac.

Table with columns for Day, SUN, MOON, High Tide, Rise, Sets, Rises, South, Sets, at Halifax. Includes dates from 1st to 30th of November.

THE TIDES.—The column of the Moon's Southing gives the time of high water at Farnborough, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

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.

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

PATENTS

Obtained for Inventors, in the United States, Canada, and Europe, at reduced rates. With our principal Office located in Washington, directly opposite the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch.

ENGLISH PEA SOUP.

Prepared Pea Soup, EASY OF DIGESTION, PERFECTLY WHOLESOME, REQUIRES NO BOILING, and, owing to the scientific treatment of the Flour, never causes any unpleasant feeling after eating, being highly nutritious, is especially recommended.

TRADE AGENCY, WM. JOHNSON, St. Francois Xavier St., Montreal, July 2.

Nova Scotia Book Bindery, G. & T. PHILLIPS, Corner Granville & Sackville Streets.

SCIENCE.

DISTANCE OF THE STARS.—Every star in the sky seems, when seen from the earth, to describe each year in the sky an orbit precisely the same as that of the earth herself seen from the star, an enormous circle more than one hundred and eighty millions of miles in diameter, which, as viewed by the stellar observer, will be more or less elliptical according to the angle at which he looks down upon the plane of our movement.

Photographer (about to remove the screen from the camera): "All ready! That is very good; but couldn't you—ah—put a little intelligence into your eyes?"

AGRICULTURE.

A NOVEL POTATO CONTEST.—A novel contest, in the cultivation of the potato, has been going on the past summer among a few members of the Franklin, Mass., Farmer's club, which may prove of interest to others outside the association.

Table listing names and yields of potato contests: S. F. Sargent..... 38 1/2 pounds, A. C. Bullard..... 56, Wm. Mann..... 76, Wm. Adams..... 78, G. S. Hancock..... 91, Monroe Morse..... 93, James Mood..... 125 1/2, Alfred Clark..... 132, S. W. Squire..... 159, A. W. Cheever..... 183.

V. R. Warren was a competitor, but by mistake his rod was dug and the potatoes consumed without weighing. The small yields obtained by Messrs. Sargent Bullard, Mann, Hancock and Morse were due solely to the failure of the seed in germinating—more than half of Mr. Sargent's failing to grow, and nearly half of those planted by Messrs. Mann, Hancock and Morse.

had a very inferior crop of scabby potatoes. Mr. Squire used Peruvian guano at the rate of 800 pounds per acre, and sulphate of potash 200 pounds per acre. Mr. Hancock applied a two-horse cart load of stable manure to the rod, ploughing in, and nine pounds guano sprinkled in the hills.

By mutual agreement the competitors were required to act also as judges and after inspecting the several yields, they unanimously decided that the 183 pound lot, though not quite equal in quality to two or three of the smaller lots, was nevertheless, on account of both quality and quantity, entitled to the first place on the list.

The following is the statement of A. W. Cheever. The land on which I grew the trial rod of potatoes has been under cultivation several years, producing chiefly forage crops.

The most important lesson I have learned by the experiment is that potatoes must have room to grow under ground, or the yield will be diminished and the quality impaired.

Ayer's Sarsaparilla



For Scrofula, and all scrofulous diseases, Erysipelas, Rose, or St. Anthony's Fire, Eruptions and Eruptive diseases of the skin, Ulcerations of the Liver, Stomach, Kidneys, Lungs, Pimples, Pustules, Boils, Blotches, Tumors, Tetter, Salt Rheum, Scald Head, Ringworm, Ulcers, Sores, Rheumatism, Neuralgia, Pain in the Bones, Side and Head, Female Weakness, Sterility, Leucorrhoea, arising from internal ulceration, and Urinary disease, Syphilitic and Mercurial diseases, Dropsy, Dyspepsia, Emaciation, General Debility, and for Purifying the Blood.

PREPARED BY DR. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists.

PATENTS

obtained for new inventions, or for improvements in old ones. Caveats, Trade Marks and all patent business promptly attended to.

TRURO MARBLE & FREESTONE WORKS, CORNER OF Prince & Waddell Sts., Truro, N. S. A. J. WALKER, Proprietor.

NEW RICH BLOOD!

Parsons' Purgative Pills make New Rich Blood, and will completely change the blood in the entire system in three months.

MAKE HENS LAY.

An English Veterinary Surgeon and Chemist now travelling in this country, says that most of the Hens and Cattle Powders sold here are worthless trash.

WESTERN COUNTIES RAILWAY.

1879. Arrangement. 1879. TRAINS LEAVE HALIFAX 7.55 a. m.—Express daily for St. John and intermediate points.



WINDSOR & ANNAPOLIS Railway.

Summer Arrangement, Commencing 1st July, 1879.

Table with columns: Miles, GOING WEST, Express Daily, Pass. & Frt. Mon. & Fri., Passengers and Freight, Tues., Thurs., and Saturday.

Table with columns: Miles, GOING EAST, Pass. and Freight, Mon. Wed. and Fri., Passengers & Frt. Tues., Thurs. & Sat., Express Daily.

Steamer "Empress" leaves St. John every Monday, Wednesday and Saturday and Annapolis, to return on Tuesday, Wednesday and Saturday.



INTERCOLONIAL RAILWAY.

1879 SUMMER ARRANGEMENT 1879

TRAINS leave Halifax daily (Sunday excepted) as follows:— At 8.05 a.m. (Express) for St. John, Pictou and intermediate points.

TO INVENTORS AND MECHANICS.

NO PATENT NO PAY. PATENTS and how to obtain them. Pamphlet of 60 pages free, upon receipt of Stamps for Postage. Address—

GILMORE, SMITH & CO., SOLICITORS OF PATENTS, Box 31, Washington, D. C. Feb. 12.

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.