104

CHRISTIAN MESSENGER. THE

MARCH 31, 1880.

The Messenger Almanac.

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1 Th. 2 Fr. 3 Sa. 4 SU. 5 M. 6 Tu. 7 W. 8 Th. 9 Fr. 10 Sa. 11 SU. 12 M. 13 Tu. 14 W. 15 Th. 16 Fr. 17 Sa. 18 SU. 19 M. 20 Tu. 21 W. 22 Th. 23 Fr. 24 Sa. 25 Su. 26 M. 27 Tu. 28 W. 29 Th.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 7 & 5 & 22 \\ 6 & 21 \\ 7 & 17 \\ 8 & 8 \\ 8 & 56 \\ 9 & 42 \\ 10 & 26 \\ 11 & 10 \\ 11 & 54 \\ 1 & 10 \\ 11 & 54 \\ 1 & 10 \\ 1 & 15 \\ 11 & 54 \\ 1 & 2 & 15 \\ 3 & 54 \\ 4 & 44 \\ 5 & 32 \\ 10 & 15 \\ 10 & 15 \\ 11 & 7 \\ M. \\ 0 & 4 \\ 1 & 5 \\ 2 & 7 \end{array}$	$ \begin{bmatrix} 9 & 37 \\ 10 & 46 \\ 11 & 59 \\ A111 \\ 2 & 20 \\ 3 & 30 \\ 4 & 35 \\ 5 & 42 \\ 6 & 45 \\ 7 & 50 \\ 8 & 53 \\ 9 & 54 \\ 10 & 51 \\ 11 & 41 \\ M \\ 0 & 26 \\ 1 & 4 \\ 1 & 37 \\ 2 & 5 \\ 2 & 30 \\ 2 & 53 \\ 3 & 18 \\ 3 & 44 \\ 4 & 12 \\ 4 & 47 \\ \end{bmatrix} $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

THE TIDES .- The column of the Moon 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, Newfoundland, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes LATER. A Westport, 2 hours 54 minutes

A correspondent adds the following postscript to a business letter, 27th February, 1880 ;- " I have just weighed a short-horn heifer calf this morning, three mouths old, weight 314 lbs." Not bad for a short-horn.-N. S. Journal of Ed.

AGRICULTURE.

A LARGE ANIMAL.-I occassionally see in the columns of the "Sun," accounts of large oxen, cows, steers, &c., from different parts of the country and province, which are interesting to farmers and stock raisers. Happening to call at the barn of J. B. Flemming of Folly village, a few days ago, I saw a steer calf thirteen months old of the following dimensions :- Girt, 5 feet inches; height, 3 feet 10 inches; length tions where they are to plant the seed 5 feet 10 inches; color, red. The animal is a mixture of Short-horn and Ayrshire. - Cor. of Sun.

FOOD FOR COWS .- The flow of milk will be greatly increased if water, with the chill taken off, and a pint of bran to each pailful be given to each cow two or three times daily. Cows will becomes soluble by heat, while the potdrink very little water if they are compelled to drink ice-cold well-water, and the little they do drink will decrease their milk. Make all their food as soft as possible by adding warm water, and is an excellent absorbent, and on this the increase of milk will pay for the extra trouble. A farmer recommends raw potatoes and meal as a feed for cows. It yields a large quantity of milk and good quality of beef.

INSTRUCTIONS FOR SETTING OU

a fertilizer, for vines in countries where grapes are a leading crop. In some parts of Europe, soft burnt bricks, and the coating of brick kilns are pulverized and applied to the soil. All farmers who live in the wooded portions of this country or Canada, are familiar with the productiveness of land on which forest trees have been burned. No doubt the fertility of forest land is largely owing to the presence of ashes ; but it is certain that the clay that becomes burned during the progress of the fires adds much to its productiveness. In some parts of the East the practice of burning chips and brush in holes where trees and vines are to be set is quite common. Many farmers also build fires in the shallow excava-

of pumpkins, squashes, cucumbers. and melons. Nearly all farmers have noticed the remarkable and long continued fertility of the soil in places where stumps have been burned out. Burned clay benefits the soil by its chemical constituents and by its mechanical action. Much of the silica in clay ash it contains is rendered available for growing crops. Clay generally contains carbonate of lime, which is converted into quicklime by burning. Burnt clay account it is a valuable material to use in bedding stock and for scattering over the floor of poultry houses. It is likely that floors of boards and planks might be dispensed with in all buildings used for shedding horses, cattle, sheep, and

fowls to excellent advantage, and their place supplied with a floor of hard earth, ficial in other respects.



The OBJECT of this FEED is to prevent disease, to put and maintain animals in a healthy condition, and to economize feed.

All the ingredients composing this FEED are certain health-giving Herbs, Seeds and Roots, which cannot be obtained by animals that are stall-fed. A varied diet is as necessary to the horse or any other animal as it is to man.

DIRECTIONS FOR FEEDING.

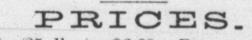
HORSES. — At each time of feeding mix half pint of the Feed with the usual quantity of corn or oats. In a short time your horse will be in a perfect condition, when you can deduct one-fourth part of the usual grain feed. "Discard all bran when using MANHATTAN FEED.

Cows.-At each time of feeding mix at the rate of six pints for every dozen cows, with their usual feed, and in two weeks you will be surprised at the large increase of milk and butter.

BULLOCKS.-Mix same as for Cows. CALVES AND LAMBS .- at each time of feeding mix half pint of the Feed with the usual quantity of milk or oatmeal for every four animals.

Hogs.-At each time of feeding mix half pint of the Feed with the usual swill or meal for each hog POULTRY .- Mix half a pint of the Feed

in a peck of their usual food. A measure holding exact amount of one feed is enclosed in every bag.



Bags containing 100 Feeds (25 lbs.), \$2.00. Bags containing 200 (50 lbs.) \$4.00. Bags containing 400 Feeds (100 lbs.), \$8.00. For Poultry, a specially prepared Feed, put up in 21 lbs. boxes, 25 cents. Prepared only by MARSDEN & CO., 698 Craig St. Montreal. GENERAL AGENT FOR THE MARITIME PROVINCES-GEORGE FRASER, 76 Granville St., Halifax, March 3.

FOR THE LENGTH OF THE DAY, -Add 1

FOR THE LENGTH OF THE NIGHT .- Sub-

Psalmists, in all varieties, from 85 cts. Baptist Hymn Book from 50 cts.

Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE,

April 15.

For it is sadly too true that thousands of children are STARVED TO DEATH food. Remember,

INFANTS AND INVALIDS,

claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and

Invalids, Nursing Mothers,

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

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

TO INVENTORS AND MECHANICS NO PATENT NO PAY.

Clay should not be subjected to a very



to attend to all Patent Business with who are at a distance from Washington, who are interested in new inventions and Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Legations, at Washington; Hon. Jos. Casey, to the Officials of the U.S. Patent Office. and to Senators and Members of Congress

D. C.



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