The Christian Messenger.

HALIFAX, N. S., JULY 14, 1875. ALMANAC FOR JULY.

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New Moon, July 3rd, 1h. 10m. morning. First Quarter, " 10th, 6h. 26m. morning.		
Full Moon, "18th, 9h. 12m. morning. Last Quarter, "25th, 4h. 25m. afternoon.		
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THE TIDES .- The column of the Moon's 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. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-

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 .- Sub-Lan the time of the sun's setting from 2 hou. and to the remainder add the time of rising n. & morning.

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Coughs, Colds, Whooping Cough, Asthma, &c.

CERTIFICATES.

This article has been known to give immediate relief in Chronic Coughs when other Syrups have utterly failed, and for temporary coughs and colds it is invaluable, for which assertions abundant testimony can be produced. For singers and speakers it is also invaluable. No harm can result from a free use of this medicine. To be had of the Manufacturer

J. W. BETCHER, No. 27 CORNWALLIS STREET,

HALIFAX, N. S.

HALIPAX, March 10th, 1873.

J. W. BETCHER, Esq. Dear Sir,-Having used a half dozen bottles of your valued Pectoral Mixture I find my-

self greatly relieved from a chronic chough, and pulmonary weakness which had been preying upon my system for over a year, and would recommend it to all who are suffering from like complaints.

GEO. L. FELLOWS.

ST. JOHN, N. B., April 16th, 1874. This is to certify that I was attacked with a very severe cold combined with the Asthma very bad, so that I could not lie down or hardly breathe. One bottle of the cough medicine prepared by J. BETCHER, Esq., of Halifax, N. S., relieved me, and five bottles completely cured me so I have not been troubled with the Asthma since. and I believe it to be the best medicine for Coughs, Colds, Asthma, &c., that there is made. JOHN N. DEARBORN.

CONSUMPTION CURED.

To the Editor of Christian Messenger. ESTERMED FRIEND: Will you please inform your readers that I have a positive

Aug. 12.

CURB FOR CONSUMPTION and all disorders of the Throat and Lungs, and that by its use in my practice, I have cured hundreds of cases, and will give

\$1,000,00.

for a case it will not benefit. Indeed, so strong is my faith, I will send a Sample, free, to any sufferer addressing me. Please show this letter to any one you may know who is suffering from these diseases,

Paithfully Yours, DR. T. F. BURT, William Street, New York. Aug. 5.

Agriculture.

How MUCH BUTTER IN A BUSHEL OF MEAL?-A correspondent from Woodstock, Vt., wishes us to state how many pounds of butter may be made from a bushel of corn meal. This is a question we are unable to answer, and we doubt if any one at the present time can answer it definitely. Many experiments have been made to determine the number of pounds of pork contained in a bushel of corn, and the average of these experiments may be taken as a fair answer to the question. In feeding corn to hogs, great varia-

tion in results must be expected, as different animals differ greatly in their ability to convert food into animal tissue; some breeds and some animals of the progress of the railway train, and the same breed even, being twice as | yet it is only through friction that it economical feeders as others. But makes any progress. This apparent feeding meal to hogs is a very different paradox is explained when we rememexperiment from that of feeding it to ber that, by reason of the frictional cows. In the case of hogs, it is fed bite of the drivers upon the track, nearly or quite separate from other | they draw the train. The bearings of food, and all the gain may be credited | the wheel upon the rails are a mere line to the meal, but our cows are usually where they come in contact, iron and fed meal in connection with grass, hay iron, yet this slight and almost imperor other food, so that it is nearly impos- ceptible hold is sufficient to move hunsible, except under the most careful dreds of tuns of dead weight with the and long continued course of experi- speed of the wind. ments, to determine, with any degree of accuracy, how much of the butter is made from the meal, and how much from the other food consumed. Meal is a food that cannot be made to fully the crack left between the lid and box take the place of grass or hay, for cows although there have been some very interesting experiments made in that will find them anything but safe, and IT IS WARRANTED to break up the most direction, by Mr. Miller, of Chautauqua free from the unpleasant odors that to-Co., N. Y. The digestive organs of the cow were designed for receiving coarse, bulky food, and when we substitute highly concentrated food, like corn meal or oil meal, we must be very careful in its use, or we are liable to spoil the animal. It is claimed by some that an abundance of good grass affords a cow the means of given all the milk she is capable of giving, and that neither quantity or quality of milk can be increased by adding meal or any other kind of grain to her feed. Ordinarily, however, grain does increase the quantity of the milk products, because it is only for a short time that our pastures afford an abundance of the best grass.

All the food consumed by a cow or other animal, up to a certain point goes to sustain the present condition, that is it goes to support heat, respiration and the ordinary wastes of the body. It is only what a cow eats more than this that is returned to the feeder in the shape of growth, flesh or milk. If a bushel of meal is judiciously fed to a starving cow, it will nearly or quite all go to support the life of the animal but if it is fed to one that is already receiving exactly enough to support present condition, the meal will either increase the amount of milk, or the weight of the animal, or both. Some cows have a tendency to appropriate a surplus of food to the storing of flesh or fat, while others give it up in milk so that it is an utter impossibility ever to determine the exact amount of butter that a bushel of meal will make under such varying circumstances. One thing, however, is certain; it will always pay better to feed a cow well, than to starve her, and if her food is dry hay, and that not of the best quality, it will always increase the butter product to feed a small quantity of meal, or any other grain, every day, and the more a cow will eat and digest, the better she will pay for the food consumed .- N. E. Farmer.

THE "LOVELY "ONION .- An ardent admirer of this pungent vegetable says : Onions are most wholesome and healthful. They are lovely! There is no use of talking, they do make people keen and smart. Now, one way to cook them-and it is only one wayis to take some good, sweet pork and cut it in small pieces and set it frying. Then slice up the onions-after they are pared-and throw them in among the frying pork. Cook slowly. Let them cook until brown, and it is an appetizing farmer's dish-entirely wholesome and healthful. There seem to be few people who know it, but it is neverless true, that if you hold between your teeth a pair of scissors, a steel knife, or almost any other iron or steel substance, you will not weep during the process of peeling and slicing onions. I like to cry sometimes—being a woman-and it does me good ; but I don't like to shed tears because of onions, for I think them " perfectly lovely."

Grind while the wind is fair, and if you neglect, do not complain of God's providence.

Science.

How does a spider make its web? -Here is a poser put by s writer in Science Gossip, which some of our readers, who have watched the habits heavens and countless beings in millions of of spiders, may be able to answer: How does a spider make its web, the lines of which, crossing at the center, are carried, some of them, to the surrounding objects, while others are fastened to an outer circular line, made evidently before the outer circular lines of the woof are formed? Where does the spider place itself when it ejects the lines which form the spokes of the

CURIOUS FACT.-Friction impedes

How to KEEP FURS .- Put your furs into their box, and with good paste or mucilage fasten a strip of paper over and put them in your closet. You need not entertain fears that the fall baco, camphor, etc., always leave in

A NEW MOUSE TRAP .- The tollowing arrangement, one who has tried it says, will catch more mice than any trap he ever saw: Take the bowl of a clean clay pipe and fill it with cheese; put it under the edge of a glass tumbler in such a manner that a slight touch will cause the tumbler to slip off-the bait and mouse, of course, underneath.

To PRESERVE EGGS.—Paraffine is now coming into use for covering the shells of eggs as a preservative. Two pounds weight of the paraffine are sufficient to preserve three thousand eggs for several months; the eggs must be operated upon when fresh, when they will shine like ivory; but not the slightest taste of paraffine is detected.

A CURE FOR HOARSENESS.—Half a teacup of vinegar, the same of molasses, half as much wiskey, a lump of butter the size of a hickory nut, a tablespoonful of ginger and a teaspoonful of paregoric; beat all together, and take a few teaspoons at a time till the mixture is half gone; if the hoarseness is not gone in the morning, take the rest of the stew the next night, just before going to bed.

Scratch the green rind of a sapling, or wantonly twist it in the soil, and a scarred or crooked oak will tell of the act for centuries to come. How forcibly does this figure teach the necessity of giving right tendencies to the minds and hearts of the young!

Iron may be cemented in wood by dropping in the recess prepared in the latter a small quantity of strong solution of sal ammoniac. This causes the iron to rust, rendering it very difficult to extract.

Diamond cement, for glass or china, is nothing more than isinglass boiled with a small portion of rectified spirit adapted to this climate. An assortment of added. It must be warmed when used.

It is said that dry rot in cellar timbers can be prevented by coating the wood with whitewash to which has been added enough copperas to give the mixture a pale yellow hue.

Mock APPLE PIE .- Two soda crackers, one egg, one cup of sugar and one of water, the juice and yellow rind grated of a lemon. Bake with upper and under crust.

MERCURIAL STEAM GAGES can be kept clean by putting a little glycerin on the surface of the mercury. This serves as a lubricator of both glass and metal, and prevents their contact.

To guard belting against being gnawed by rats, anoint it with castor

To stop new boots squeaking, drive

a peg in the middle of the sole.

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I 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 18 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

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MESSRS, CRADDOCK, & CU., 1032 Race St., Philadelphie, Pa.

Gentlemen:-Please send me an other half dozen of vour valuable medicine "Indian Hemp" for the cure of Consumption. It is the King of Remedies. I have been benefited to my full satisfaction, and that is saying a great deal, my experience is that Hemp cures everything akin to Asthma and Bronchitis I have tested it. Let there be no delay.

In friendship, MRS. V. H. CONNER. Burlington, Ky., June 23, 1874.



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