

The Christian Messenger.

ALMANAC FOR AUGUST.

New Moon, August 1st, 9h. 13m. morning. First Quarter, " 8th, 11h. 16m. afternoon. Full Moon, " 16th, 9h. 19m. afternoon. Last Quarter, " 23rd, 9h. 24m. afternoon. New Moon, " 30th, 7h. 27m. afternoon.

Table with columns for Day, SUN. Rise, Sets, MOON. Rise, Sets, High Tide, Low Tide. Rows for days of the month from 1st to 31st.

THE TIDES.—The column of the Moon's Setting 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 24 hours, and to the remainder add the time of rising next morning.

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TERMS moderate. Persons holding Scholarships will receive instructions in these subjects at reduced rates.

Nov. 18. B. J. FRAZER.

BETCHER'S PECTORAL MIXTURE FOR 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.

To be had of the Manufacturer J. W. BETCHER, No. 27 CORNWALLIS STREET, HALIFAX, N. S.

HALIFAX, March 10th, 1873. J. W. BETCHER, Esq.

Dear Sir—Having used a half dozen bottles of your valued Pectoral Mixture I find myself greatly relieved from a chronic cough, 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. 1 yr. Aug. 12.

CONSUMPTION CURED. To the Editor of Christian Messenger. ESTEEMED FRIEND: Will you please inform your readers that I have a positive CURE 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, and oblige,

Faithfully Yours, DEL. T. F. BURT, of William Street, New York.

Aug. 5. 25 ins

Agriculture.

THE CRANBERRY AS AN ORNAMENTAL PLANT.—A correspondent of The Farmer suggests utilizing this lowly denizen of the bogs as an ornamental plant for hanging baskets. He says: "I do not see how any one, who has ever noticed the delicate foliage and flowers of the cranberry, even when wild and uncultivated, could fail to be struck with its beauty. But my object now is to call the attention of your readers to its value when cultivated in pots, in the house, or, still better, in hanging baskets. When thus grown, the long, slender stems drooping from the baskets, together with the rich fruit form a most beautiful object. Let those who mourn that they cannot afford to purchase foreign novelties, make a rustic basket, and put a few cranberry plants in it, and hang it in the window, and they will say they never saw anything more beautiful."

MELLOW SOIL AROUND TREES.—Unless the surface of the ground is mulched around young trees over an area of six to ten feet in diameter, the ground should be kept clean and mellow. Every farmer knows that a bill of corn or potatoes will not amount to much unless cultivated, and there are many who will neglect to give the same care to a tree which is worth a hundred hills of either of the former. In rich soils trees may grow rapidly without cultivation, and no amount of grass or weeds will retard them; but there are other things besides growth to be looked after. If the weeds and grass are allowed to grow up around the stem of apple, peach or quince trees, the bark will become soft near their base by being shaded, and thereby be in a suitable condition for the reception of the eggs which will eventually become peach and apple borers. Take any dozen young apple trees in sections where the apple-borer is abundant, and allow a portion to be choked with weeds and the remainder well cultivated, and then watch the result. From our own experience, we believe that the chances are nine to one in favor of those cultivated being exempt from this pest.—National Agriculturist.

CHEMICAL COMPOSITION OF BUTTER.—The analyses of butter show a varying proportion of oleine and margarine fats. Summer butter usually contains of oleine 60, and of margarine, 40 per cent., while in winter these proportions are reversed. By ordinary treatment the quality of butter in winter is markedly inferior, because the common materials fed are deficient in oil, starch, sugar, etc. If a cow consumes 28 pounds of hay per day, it will be equal in dry material to 100 pounds of young grass. The 100 pounds of grass will yield more butter than the hay. The hay is equal in albuminous matter and oil to the grass, but is deficient in starch, sugar, etc., which accounts for the difference.

PROPAGATING RHUBARB.—In making new beds of rhubarb, separate portions from the old plants, and set out in a bed three feet apart each way. It matters little how small the portions of a plant may be in thus setting out new beds, if each piece has a little of the crown as well as root. The crown should just show at the top of the soil and be firmly planted.

FEEDING CARROTS.—Horses relish carrots amazingly in the spring after a long confinement to grain diet. Carrots should be cut in long slices, not crosswise, then there is no danger of a too eager animal getting choked. At first carrots will act as diuretic and laxative; afterwards these effects pass off. It is claimed that carrots are good for the wind and that they produce a fine, silky coat. These effects are due only to the fact, that they restore a proper tone to the body, and thus are conducive to health.

THE GARDENER'S LESSON.—Two gardeners had their crops of peas killed by the frost. One of them was very impatient about the loss, and fretted about it very much. The other went patiently to work at once to plant a new crop. After a while the impatient, fretting man went to his neighbour. To his surprise he found another crop of peas growing finely. He wondered how this could be. "These were what I sowed while you were fretting," said his neighbour. "But don't you ever fret?" he asked. "Yes, I do; but I put it off till I have repaired the mischief that has been done." Why, then

you have no need to fret at all." "True," said his friend, "and that's the reason I put it off."

Science.

RECIPE FOR PRESERVING MEAT.—As warm weather has come at last, the following by a writer in the N. Y. Times will prove both seasonable and serviceable. There is no good reason why farmers and their families should eat so much salt pork, leaving all the fresh meat to the inhabitants of cities and villages, when the following method will keep meat fresh for weeks even in the warmest weather. I have tried it for several years. As soon as the animal heat is out of the meat, slice it up ready for cooking. Prepare a large jar by scalding it well with hot salt and water. Mix salt and pulverized saltpeter. Cover the bottom of the jar with a sprinkle of salt and pepper. Put down a layer of meat, sprinkle with salt and pepper the same as if it was just going to the table, and continue in this manner until the jar is full. Fold a cloth or towel and wet it in strong salt and water in which a little of the saltpetre is dissolved. Press the cloth closely over the meat and set in a cool place. Be sure and press the cloth in tightly as each layer is removed, and your meat will keep for months. Then drain off all the blood that oozes from it. It will be necessary to change the cloth occasionally or take it off and wash it first in cold water, then scald in salt and water as at first. In this way farmers can have fresh meat all the year round. I have kept beef that was killed the 12th of Feb. till 21st of June. Then I packed a large jar of veal in the same way during the dog days, and it kept six weeks. This one recipe is worth the price of any newspaper in the land.

A CURE FOR SOOTY CHIMNEYS.—A correspondent writes to the Scientific American:—About fifteen years ago, a dwelling was raised one story higher, and a chimney had also to be raised some feet higher; and as the chimney was built up, it was plastered on the inside with salt mortar, to prevent the adhesion of the soot. The result is that the part plastered with salt mortar is white and clean to this day, while the other part get filled with soot up to the very line where the salted part begins, and has to be cleaned each year, the chimney being in almost constant use. The proportions used were one peck of salt, added while tempering, to three pecks of mortar.

CLEANING GLASS.—To wash windows, first wipe off the dust with a dry flannel; then wring a chamois skin nearly dry out of clear water and wipe thoroughly. No farther wiping or burishing is needed, as they are perfectly clear and free from lint. Soap must not be used, as it will injure the skin.

DOMESTIC ECONOMY.

PAN DOWDY.—This is a Yankee dish and was esteemed in the early days of the Republic as a palatable, as well as a substantial one: Make a rich crust; line a deep earthen pot with it; now slice some pie apples quite thin for the layer, strew the apples with molasses and spice, and a teaspoonful of milk; cover with a thin crust and repeat the process. Cover the top with crust and your pan dowdy is made. Bake in a slow oven.

GUMBO SOUP.—Two pounds of beef cut small; half a peck of okras, washed and cut in slices; three onions cut in rings; two carrots grated; six tomatoes cut small; five cloves; salt and pepper; a bunch of chopped parsley; five quarts of cold water. Bring to a boil, skim off all the fat, and set aside to simmer slowly four hours, keeping it closely covered.

SOUP MAIGRE.—Peel and cut in small pieces four white potatoes, three turnips, three onions, and one carrot; put them in a stew-pan with a piece of butter the size of an egg, a quarter of a pound of lean ham, and a bunch of parsley; put them over a hot fire for ten minutes, stirring them often; then add two quarts of hot water, pepper, and salt; boil until the vegetables will mash, then pass it through a cullender, pressing the vegetables through into the broth; put it into the stew-pan again; if not thick enough, add a tablespoonful of flour, give a boil up, and serve with sippets of toast or fried bread.

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