# The Messenger Almanac.

FEBRUARY.							
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SUN.	n.	MOON.			h Tid		

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. A Westport, 2 hours 54 minutes A Yarmouth, 2 hours 20 minutes

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.

#### BAPTIST CHURCH REQUISITES.

Articles and Covenant \$1.00 per 190. Church Record and Register \$2. and \$3 Alphabetical List of Members 40 cents

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#### THE HOUSEHOLD

CHEAP PAINT FOR FARM BUILDINGS. -The following is a very cheap and excellent paint for farm buildings, forming a hard surface, and, as its hardness increases by time, it is far more durable than paint: Take freshly-burned unslacked lime and reduce it to powder. To one peck or one bushel of this add a small quantity of fine white sand or fine coal ashes, and twice as much fresh wood ashes, all these being To feed must be one that has been sifted through a fine sieve. They well-bred, that inherits a large capacity should then be thoroughly mixed to- for consumption, digestion, and assimilagether while dry. Afterward mix tion of food. It is useless to attempt as will make the whole thin enough to an increased ration over an ordinary work freely with a painter's brush. one, the well-bred steer assimilates a This will make a paint of light gray stone color, nearly white. To make it | increase than an average steer, and the fawn or drab add yellow ochre and poorer steer's capacity for assimilation Indian red; if drab is desired add burnt is so low that it will not give a favoramber, Indian red and a little black; able response to a heavy ration. if dark stone color, add lampblack, or if brown stone, then add Spanish brown. All these colors should, of course, be first mixed in oil and then added. This paint is very much cheaper than common oil paint. It is equally well suited to wood, brick or stone. It is better to apply it in two coats-the first thin, the second thick .- F. H. Journal.

LUNCH BEEF .- For a family of four: Use about a pound of thinly-shaved beef; if the beef is very salt, pour over it some boiling water and let it stand a few minutes, then drain off the water; have a frying-pan well buttered and browned, add the beef, cook a few moments, and add, just before taking from the fire, two well-beaten eggs mix them through the beef, cook just long enough so that the eggs are not overdone. This makes a very nice breakfast or lunch dish.

LEMON BUTTER.—One pound o sugar, a large lemon grated, using al but the seeds, one egg, a piece of butter the size of a cherry. Mix well. Soon as the mixture comes to the boiling point it is done.

TO BOIL POTATOES .- Select the potatoes so that they will be nearly of a size; do not put them into the pot until the water boils. When done, pour off the water and remove the cover until the steam is gone. Then scatter in half a teaspoonful of salt, and cover the pot with a towel. Watery potatoes will thus come out mealy.

CIDER VINEGAR may be made in this way. After the cider is fermented draw it off into a keg, and take its cost, as a manure. strips of straw paper, dipped either into West India molasses or maple syrup, put them into a keg of cider, and set them in a warm place near a stove or chimney, where it will not freeze, and pure vinegar. Straw paper, saturated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD. appearance of that article, only a little firmer in consistency, and rather thicker in texture.

MINIATURE OAKS.—If an acorn be suspended by a piece of cord within half an inch of the surface of some now much larger than formerly, thus water contained in a glass, and be permitted so to remain without disturbance for a few months, it will burst, send a root into the water, and shoot upwards a straight tapering stem, with beautiful little green leaves. In this way a young oak tree may be produced on the mantleshelf of a room, and become an interesting object. The chestnut will also grow thus, and probably other nut-bearing trees. The water and how to obtain them. Pamphlet of should be often changed when the plant has appeared.

> physician's great reliance in bringing from the bite. - Amador Ledger. through typhoid patients, or those in too low a state to be nourished by solid food. It is a mistake to scrimp the milk pitcher. Take more milk and buy mutton suet warmed in a pipkin until less meat. Look to your milkman, in a liquid state. Then rub some of have large-sized, well-filled milk pitch- it lightly over the edges of the sole ers on the table each meal, and you will also have sound flesh and save doctors' the wet, and not in the least prevent bills.

#### AGRICULTURE.

STOCK FEEDING -Working in harmony with law is working to the best advantage. As farmers, we are sadly out of harmony with the best methods of stock management, thus coming greatly short of obtaining the possible effective value of our foods. Feeding is not as yet a developed science, but a very hopefully developing one.

THE STEER,

them with as much common linseed oil to feed any other for profits. When fed very much heavier percentage of this

A large animal will make more growth on a pound of food than one of a smaller breed. A large beast presents less radiating surface in proportion to weight, than a small one; thus, in case of the latter, more food is required, particularly in winter, to maintain the animal

The animal should be early matured If a steer is sold when four and one half years of age, weighing 1,600 pounds, then his average weight for his lifetime would have been not far from 800 pounds. Such an 800 pound steer will consume 14 pounds of hay a day as maintenance fodder, making no growth. Now the steer has consumed 14 pounds a day for 41 years—how many steers require six years to weigh 1,600 pounds !- simply to run the machine. It is the hay given over this amount daily that makes the growth. Growing the steer to 1,600 pounds at 2½ years, will save maintenance fodder for two years; or, in round numbers, for two winters, or 360 days, we shall save 24 tons of hay, as well as two years' pasturing. But again, a young animal will make more gain on a pound of food than an older one, thus making a double gain. Moreover, an animal when small, will make very much more gain than an animal nearly matured.

FOR MANURE.

In feeding, one prime object—the fact that steers are simply manure manufactories—is lost sight of. The is the manure value of the food?" It not unfrequently happens that a nitrogenous food is nearly, or quite worth

COMBINATION OF FOODS. Chemistry has blundered around tive value of the foods, as it has on other questions in agriculture. But cal investigators, pointing to an immense saving of food values. In careful weighmade in feeding mixed rations, and that it is not enough that these mixtures from every State. Address: be indiscriminately made. In general terms, nitrogenous foods should be mixed with carbonaceous; or bran, peas, cotton- seed, oil-cake, blood, meat and clover should be given in connection with coarse foods, like straw, corn fodder and swale hay. Happily it is the first-named foods that are rich manure-makers, and. in using them, we accomplish two important purposes .-Rural New Yorker.

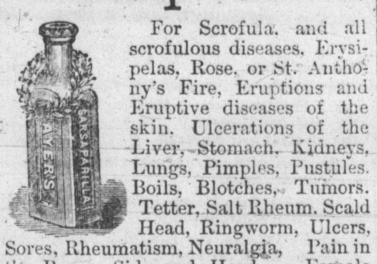
#### SCIENCE.

COAL OIL AS A PAIN-KILLER .-The efficacy of coal oil as a pain-killer is not generally known, nevertheless it HEALTHFULNESS OF MILK.—If any has curative properties to a remarkable one who wishes to grow fleshy, a pint degree. This was illustrated by an of milk, taken before retiring at night, incident which happened at the Taliswill soon cover the scrawniest bones. mine a few days ago. On Sunday Although now-a days we see a good afternoon a man named John Jones was many fleshy females, there are many sitting in the hoisting works, when a lean and lank ones who sigh for the large black spider, of the venomous fashionable measure of plumpness, and species, bit him on the side. It caused who would be vastly improved in health great pain, and the resourses of the and appearance, could their figures be workmen were taxed to suggest means rounded with good, solid flesh. In to relieve the sufferer. At length Mr. cases of fever and summer complaint, Green the engineer, got some coal oil milk is now given with excellent re- and applied to the affected part, when sults. The idea that milk is "fever- the pain ceased almost instantly, and ish" has exploded, and it is now the no trouble has since been experienced

> To make boots and shoes proof against snow water, take a little beeswax and where the stitches are, which will repel the blacking from having the usual effect.

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WILL ARRIVE :-At 9.16. a. m. - Accommodation from Truro. At 1.56 p. m., - Express from Quebec and

from St. John. At 8.30 p. m.—Express from St. John, and Dec. 3, 1879.



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Winter Arrangement. Commencing 4th Dec. 1879.

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Miles.	GOING	WEST.	Express Mon., Wed.	and Saturday only.	0 0	and Friday only.	Dass & Frot Daily	rass, or right comit.
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130	Annapolis.	Arrive	1	45	1 4	20		

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Miles.	GOING	EAST.	Pass, and Freight	Daily.	Pers. and Freight Tuesday. Thursday and Friday only.	Evarose Mon. Wed.	and Saturday only.
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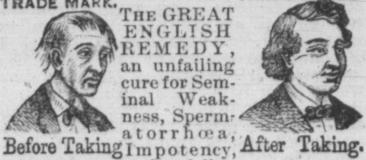
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