

December. Full Moon, Dec. 1st, 6h. 49m. morning. Last Quarter, 7th, 10h. 0m. afternoon. New Moon, 15th, 2h. 0m. First Quarter, 23rd, 7h. 27m. Full Moon, 30th, 5h. 44m.

Table with columns: Day, SUN, MOON, High Tide. Rows for days 1 to 31.

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

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For Consumption

And all diseases that lead to it; such as COUGHS, NEGLECTED COLDS, BRONCHITIS, PAIN IN THE CHEST, AND ALL DISEASES OF THE LUNGS.

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AGRICULTURE.

The Hen and the Honey Bee. A lazy hen—the story goes—Loquacious, pert, and self conceited, Espied a bee upon a rose, And thus the busy insect greeted:

"Say, what's the use of such as you, (Excuse the freedom of a neighbor,) Who gad about and never do A single act of useful labor?"

"I've marked you well for many a day, In garden blooms and meadow clover; Now here, now there, in wanton play, From morn to night an idle rover."

"While I discreetly bide at home, A faithful wife—the best of mothers, About the fields you idly roam Without the least regard for others."

"While I lay eggs, or hatch them out, You seek the flowers most sweet and fragrant, And, sipping honey, stroll about, At best a good-for-nothing vagrant!"

"Nay," said the bee, "you do me wrong; I'm useful too; perhaps you doubt it, Because—though toiling all day long—I scorn to make a fuss about it?"

"While you, with every egg that cheers Your daily task, must stop and hammer The news in other people's ears, Till they are deafened with the clamor!"

"Come now with me and see my hive, And note how folks may work in quiet. To useful arts much more alive Than you with all your fackling riot!"

From the German, by John G. Saxe.

FALL PLOUGHING AND DRAINAGE.

We are not addicted to writing homilies upon the manner in which the ordinary work of the farm should be performed. Every farmer knows, or should know, how to plough, sow, reap and harvest his crops.

He also ought to have studied the nature of his soil and the proper means to render it most productive. If he has not, no agricultural writer can instruct him, since to profitably instruct, himself must know the location, soil, subsoil and other conditions present, and which are often varying ones, even on the same farm.

A life-long experience in working the soil, however, has taught us that, upon our ordinary prairie soils, and especially upon those inclining to be tenacious in their character, the necessity of fall ploughing, is not only to destroy a vast amount of weeds through the germination of the seeds already ripened, but turning under the trash and stubble, assists to render the soil dryer through mechanical action, and adds to its fertility by the decay of the vegetable matter ploughed under.

Then again, the opening of the dead furrows between the lands assists greatly in allowing the superabundant waters of late autumn and spring to run quickly off, enhancing the earliness of the soil to be worked, sometimes a week or ten days.

If the land be left rough and open to the disintegrating action of the frosts and rains of winter, it then comes out in the spring in the most proper state to receive the seed; and the work carefully done, in nine cases out of ten all tenacious soils will produce better crops of small grain than if left to be ploughed in the spring.

If necessary to be re-ploughed for later crops, this need only be a superficial one, so that instead of the farmer being driven by his work, he drives the work and often has his crops in a fair state of forwardness when his more dilatory neighbors are only thinking of getting ready to work.

The subject of drainage is also one too much neglected. A very little work in the fall, opening furrows and water ways, will result in drainage that will surprise those not accustomed to it.

This should be continued as late in the fall as possible, and, in planting either late or early, no land should be left until the dead furrows and water ways have all properly been attended to, since, if left, these may afterwards be forgotten.—Canada Farmer.

WELL RIPENED CHEESE

has no elasticity when pressed with the finger; it feels as if breaking under the pressure, and the dent remains; it has a salty, oily appearance when worked between the thumb and finger and melts on the tongue like a ripe pear; the cut surface remains soft and oily for a long time, not readily drying up.

Unripe cheese, on the contrary, elastic when pressed, hard or tough when worked between the thumb and finger; soon dries and cracks when exposed to the air; when tasted by the tongue is found deficient in fat and does not dissolve readily.

A man is never better natured than when he has an axe to grind.

SCIENCE.

RED WASH FOR BRICK RESIDENCES.

Travelers visiting Chicago are astonished at the beautiful appearances of the brick buildings in that city, showing so distinctly the lines of white mortar between the bricks.

It has taken years of trial, says the Enquirer, before a mixture could be found that would stand the test of rain and frost. At last the following has given thorough satisfaction: Venetian red and Paris brown, in proportion to suit the taste, are mixed with a quantity of water to make a heavy wash.

With this the walls are well coated. To settle the color to the wall and prevent its washing off by the rain, a wash with diluted muriatic acid (one quarter acid) is given over the painted surface.

The mixture forming the white lines or joints is made of settled white lime, to which is slowly added plaster of Paris, kept stirring until the mixture is past setting; then mix a little fine sand, to keep from cracking, and work into the consistence of glazier's putty.

This putty is then applied to the walls by two men, along a straight edge and with a heading trowel, the distance of the joints having previously been measured. Care should be taken, in applying this putty, to press it strongly against the wall, to prevent any water from creeping between it and the brick.

In winter time we should suppose that the water would freeze, expand, and detach the white joint, thus spoiling the look of the building. But it is important if the treatment above described proves effectual. It is certainly worth trying, for an indestructible, red and white paint on brickwork is very beautiful.—Scientific American.

HATCHING OSTRICHES.

In the Centennial Exhibition, in the Cape of Good Hope section, is the Leviathan Incubator, wherein the huge eggs of the ostrich are hatched. The apparatus consists of a middle steam chamber of metal, which is kept constantly hot by a lamp or furnace beneath.

Below this are drawers in which the eggs are first placed, and these, by means of screws, may be raised until these eggs are brought almost in contact with the warm surface above. In these receptacles the eggs are kept for two weeks at a temperature of 102° Fah.

They are removed and placed in the inner pair of compartments, for another fortnight, at a temperature of 100° Fah. At the end of this period the eggs are carefully extracted, and a small hole is chipped in each shell at the point opposite the chick's head.

They are next replaced and kept in the same compartments for two weeks longer at 98° Fah, when the hatching takes place, and the young birds are placed in the outer upper receptacles, and there remain for two days. The compartments above, have bottoms of lamb's wool.

The egg is about 7 inches in length and the bird in two days is some 13 inches in height. The chick is fed on rice, and when it reaches the age of seven days is worth \$50 in gold. Nearly 20,000 birds, we are informed, have been hatched at the Cape of Good Hope by apparatus of this description. The machine is frequently made of sufficient size to hold 115 eggs at a time.

A THREAD TELEGRAPH.

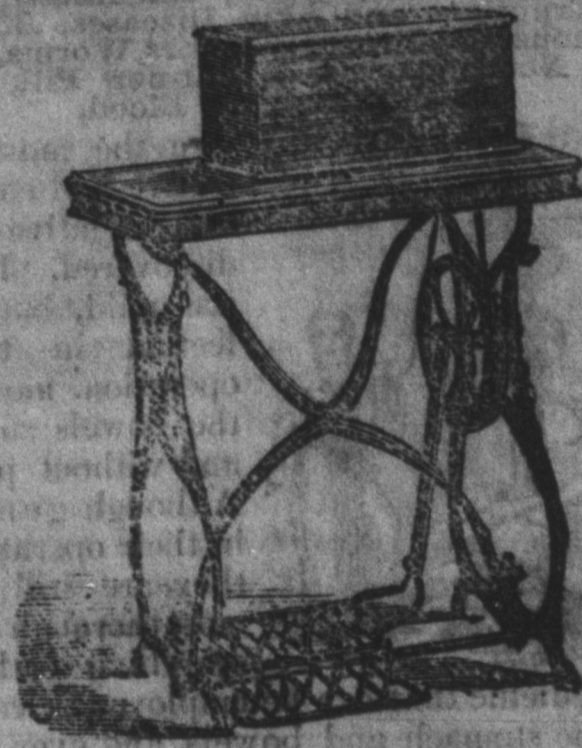
A cheap telegraph, useful for certain purposes, can be made in this way. Take two tinued cylinders say three inches long by one and one-fourth inches in diameter; cover one end with parchment or bladder, forming a drum-head. Pierce the centre with a pin and insert a strong thread, and make a knot to prevent its being withdrawn.

With the other end of the thread (which may be of any length, say one hundred yards or more), do like the with the other cylinder, and the telegraph is complete. By keeping the thread tightly drawn in order that the vibration may be perfect, a person speaking or even whispering in one cylinder can be distinctly heard by another holding the other cylinder to the ear.

Would not such home-made pocket telegraphs be very useful in factories, on farms, in the army and in many other situations too innumerable to mention?—Geo. Quincy Thorndike, in Scientific American.

The Dutch have a way of curing laziness by putting the patient in a cistern and turning on a stream of water which runs in at one side as fast as the man by steady work, can pump it out. There is nothing to do but to pump or die.

THE LIGHT RUNNING ROYAL AGAIN TRIUMPHS.



The following are a list of Prizes taken by the Light Running Royal at this season's Fairs; which proves it to be the people's favourite and the best family Sewing Machine.

GLENGARY—Over the Webster, Osborne and Singer. BELVILLE—Over the Wheeler and Wilson.

UNIONVILLE—Over the Wheeler and Wilson, and others. TILSONBURG—Over all Competitors. WOODSTOCK—Over all Competitors. PARIS—Over Raymond and Singer. NAPANEE—Over Singer, Howe, Wanser, and Osborne.

HARLEY—Over all Competitors for Family work. HARLEY—Over all Competitors for light manufacturing. GUELPH—Over all Competitors for embroidering. CHATHAM—Over all Competitors for Family work.

DRUMBO—Extra Prize for all kinds of work. HAMILTON—Diploma for best display.

For a number of years past Canadian Manufacturers have been in a measure suppressed by the rivalry of their American Cousins, but in the Light Running Royal they have found an equal and a yet fairer.

It is not only the lightest running and best Machine in use, as you see by the above, it has taken the first Prize at all the principal Fairs, and the first Prize at all the Provincial, and Head Office of the Province, Montreal, No. 50, Grande Rue, H. H. HAMILTON, Manager.

It is never out of time but always ready for use.

All the movements are derived from the main shaft which gives to the Machine great strength and durability.

It is so constructed with set screws so as to keep the Machine always in perfect order.

The most perfect Machine in use, running the Machine. Shuttle holds 50 yards of thread. Sew from muslin to thick cloth without changing the tension.

The stitch can be changed without stopping the Machine. Each Machine is furnished with a full set of attachments for hemming, felling, cording, braiding, tucking, quilting and frilling.

Every Machine warranted perfect and kept in repair one year free of charge. Price list and Circular sent free to any person on application. Oil and Needles kept on hand. Machines cleaned and repaired at short notice. Machines kept on hand on purpose to rent by the week or month.

Any person having a second hand Machine on exchange for a Royal, by paying the difference, or will furnish any description of Machine wanted for light or heavy work. For any information wanted concerning Machines, Address, L. O. NELLY, Aylesford, King's Co. Agent for the celebrated.

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A very ingenious invention which can be fitted to any Sewing Machine; which enables the operator to sew by night as well as day. It can be raised or lowered or placed in any position required and can be lighted anywhere wished. It does not soil the work or cannot jar off the table, any party wishing to get one by writing a Postal Card will have one brought to them as soon as possible.

Price with Lamp complete \$2.50.

TESTIMONIALS.

BLACK ROCK, FEB. 4TH, 1876. MR. NELLY, DEAR SIR, I am perfectly delighted with the ROYAL SEWING MACHINE, it is always ready for use and I would not exchange it for any Machine I ever saw.

Yours, MRS. L. SWEET.

This is to certify that I am using one of the ROYAL MACHINES in my family. It does fine work splendid and I make all my Carriage and Sleigh Cushions on it; and it is always ready for use.

Yours, W. B. BENNET, Carriage Maker, SOMMERSSET.

This is to certify that I exchanged a Machine I had with Mr. Nelly a year ago and got a ROYAL, and I have found it just what he recommended it to be, a first class Machine; and I would advise any person that is in want of a Machine to get a ROYAL.

MRS. E. O. READ, TREMONT, Feb. 9th, 1876.

CONSUMPTIVES READ.

VICTORIA, WILMOT, April 7th, 1875. MESSRS. C. GATES & CO.

GENTLEMEN:—This is to certify, that I was troubled with Bronchitis for about 12 years, and tried different preparations which were recommended for it, but got no relief until I used your LIFE OF MAN BITTERS, SYRUP and OINTMENT, and have been troubled but very little in that way since, which is now about three years; I would highly recommend your medicines to all suffering with throat and lung diseases.

Respectfully yours, DAVID FALES, Sworn to, before me, April 9th 1875, at Victoria, Wilmot.

WALLACE PHINNEY, J. P. July 12.

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In its use, this valuable Medicine occupies the most honourable position possible for any remedy to attain. A few years since it was known only to the friends and neighbors and patients of the proprietors, and always sought for by them whenever troubled with Rheumatism, and in this way came to the notice of physicians generally, and through their favorable expression, and the acknowledgment value as a Rheumatic Remedy, the demand for it became so frequent and urgent as to oblige its proprietors to increase their facilities for its manufacture.

Its reputation rapidly extended, and soon orders, letters of enquiry, letters of thanks, and certificates of praise were daily received from all sections of the United States and Canada; and in this way on a basis of its merit alone—unaided by "tricks of the trade" or special efforts—it has risen to its present exalted position. Wherever introduced it has received the most flattering preference in the treatment of all rheumatic complaints.

In this we are really grateful and happy not alone because our medicine is findable ready sale, and is consequently profitable to us, do we say this but because it has opened a new field in medical science, and cure at once what the best medical practitioners have for ages found so difficult even to relieve. We fill a place heretofore unoccupied. We relieve the suffering and minister to God's poor; we restore the laboring to the use of his injured limbs, and save him scores of times its cost in doctor's bills; we carry contentment and gladness into the home of the afflicted, and consequently are remembered by millions of grateful souls.

The proprietor of this medicine has walked the aisles of the Hospitals of London, Eng., for the past twenty years, making rheumatism a speciality, and the prescription from which this remedy is all he ever used in the treatment of this disease.

This medicine is for sale at all the druggists throughout Canada. If it happens that your druggist has not got it in stock, ask him to send for it to

FORSYTH & CO., Halifax, General Agent for N. S., and C. B. Oct. 23.

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