

Agriculture.

Injured trees that have had their branches broken by winds or storms should have the wounded surface smoothly pared and then covered with a coating of shellac-varnish or melted grafting-wax, to prevent the water penetrating and causing decay.

BITUMINOUS COAL ASHES.—When mixed with soil, sweepings of potato-cellar, soda, etc., and used as an absorbent of the waste water of the house, make an excellent dressing on clay soil, for potatoes or grass; and while it increases the growth of grass on warm or slaty soil, the aftergrowth is more affected by the droughts of the latter part of summer than on land not thus treated.

“Porte Crayon” writes to the Horticulturist that a flock of ducks and chickens following the plough or spade, in the spring and fall, will certainly thin out the most dangerous subterranean enemies of the horticulturist, and all the rest must depend on persistent hand-to-hand fighting.

CARE OF FRUIT TREES.—Look through the heads of the trees and see if there are any cocoons or excrescences on the branches; if so, take them off and burn them at once, or the warm sunshine will soon produce in them living insects, to prey upon the tender foliage as it expands and check the growth and productiveness of the trees.

HOUSE PLANTS ought to be stimulated gently once or twice a week. Rain water, so refreshing to summer flowers, always contains ammonia, which also abounds in all liquid manures.

WORMS IN FLOWER POTS may be destroyed by stopping up the holes in the pots with corks and watering with lime-water until it stands on the surface. The lime-water may remain for an hour; then, on removing the cork, it will pass off.

FEEDING OF SHEEP.—An experiment made in England shows that one hundred sheep fed under shelter on twenty pounds of Swedish turnips each per day, at the end of a few weeks had gained three-pounds each more than another hundred which were fed twenty pounds of the same kind of turnips each, but in the open air or field.

PREVENTING IRON GARDEN TOOLS FROM RUSTING.—It is said that if iron garden tools are laid for a few minutes into a solution of soda, they will be protected from rusting for a long time, even if exposed continuously to a moist atmosphere.

Scientific.

MEASUREMENT OF TIME.—The National Baptist says that Professor Morton in his lecture on electricity, delivered recently in the Philadelphia Academy of Music, illustrated how inexact most persons are in their estimates of duration.

RULES FOR SLEEPING.—1. Go to bed when you are sleepy. Do not undertake to force wakefulness when attention fails and the brain fluids its blood running sluggishly.

2. Go to bed when you are tired. One may be fatigued without being drowsy, and may wish for the freedom and relaxation of a couch, and it is only a sin against nature to sit up in such a condition.

3. Late evening suppers should be shunned.

4. No intoxicating drinks before going to bed.

5. Amusements which try the brain and excite the nervous system unduly are not good before going to bed.

6. To get sufficient sleep in the night, go to bed early enough to get all the rest that the system needs.

7. There should at least be a regular hour for rising in the morning.

8. Do not, however, fix the hour for rising too early.

9. Do not work before breakfast.

10. Do not take much exercise before breakfast.—Herald of Health.

The supply of India-rubber to the world is considered inexhaustible. Trees endure tapping for twenty years, and grow in dense groves which show no signs whatever of being thinned out by what has been done to them hitherto.

TRAINING GIRLS.—Training girls for household duties ought to be considered as necessary as instruction in reading, writing and arithmetic, and quite as universal. We are in our houses more than half of our existence, and it is the household surroundings, which affect most largely the happiness or misery of domestic life.

It may be safe to say, that not one girl in ten in our large towns and cities enters into married life who has learned to bake a loaf of bread, to purchase a roast, to dust a painting, to sweep a carpet, or to cut, and fit, and make her own dress.

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HALIFAX, N. S., MAY 1, 1872.

MESSENGER ALMANACK.

MAY, 1872. New Moon, May 7th, 9h. 4m. morning. First Quarter, " 15th, 11h. 51m. morning. Full Moon, " 22nd, 6h. 54m. afternoon. Last Quarter, " 29th, 9h. 58m. morning.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Rows list days from 1st to 31st with corresponding times and tide heights.

THE TIDES.—The column of the Moon's Southings gives the time of high water at Pictou, St. John's, 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 30 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 12 hours, and to the remainder add the time of rising next morning.

Hats and Caps. WE have now on hand a full Stock of all kinds, including the

NEWEST STYLES, to which we invite the attention of our friends, both at Wholesale and Retail. Our prices are as low as any in the city.

May 3. N. G. LAURILLIARD, TAILOR, GENTLEMEN'S DRESS MATERIALS, AND Furnishing Goods constantly on hand

Agent for the NEW YORK FASHION PLATES. 331 HOLLIS STREET, HALIFAX, N. S.

Superior Pianos, IN VARIOUS STYLES UPRIGHT, OBLIQUE, SQUARE, &c. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate.

THE "SILVER TONGUE." A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y. The above are offered to a discriminating public at moderate prices.

W.M. FRASER & SONS, June 1. 70 & 72 Barrington St.

PULMONARY BALSAM. USED AND RECOMMENDED BY THE MOST EMINENT PHYSICIANS IN NEW ENGLAND FOR THE LAST 45 YEARS. "NOTHING BETTER." CUTLER BROS. & CO., BOSTON.

WANTED IMMEDIATELY. 200 Active Intelligent canvassing Agents three or four in each County of the Maritime Provinces, business honorable respectable, and lucrative.

ROGERS & BLACK, Amherst, N. S. Amherst, Feb. 15, 1872. Feb. 21. 3m.

WINDSOR AND ANNAPOLIS RAILWAY.

TIME TABLE No. 10. COMMENCING 1st JANY, 1872.

Table with columns for Stations, Down Trains, and Up Trains. Lists stations like Halifax, Four Mile House, Bedford, Rocky Lake, Wind Junction, etc., with departure and arrival times.

St. John, N. B. (by Steamer).

St. John, N. B. (by Steamer). A table listing stations and times for the St. John, N.B. steamer route.

Trains Nos. 1 and 6 will be run as on steam arrangements, now in progress, are complete, and will stop when flagged for Passengers for the steamer from all Stations.

Trains Nos. 2 and 5 carry Local Freight between Kentville and Halifax, and intermediate Stations.

Trains No. 3, and 4 carry Local Freight between Kentville and Annapolis, and intermediate Stations, and Through Freight to Halifax.

VERNON SMITH, Manager. Halifax, 1st January, 1872. Jan. 10.

COTTON WARP. THE COTTON WARP, Manufactured at the NEW BRUNSWICK COTTON MILLS.

W.M. PARKS & SON. N. B.—Cotton Mills, St. John, N. B., Aug. 8, 1871. Jan. 3. 1yr.

TO Parents and Sabbath School Teachers. JUST PUBLISHED. SECOND EDITION—REVISED. A SCRIPTURE CATECHISM, for the Family, the Bible Class, and the Sabbath School, BY S. SELDEN.

AGRICULTURAL IMPLEMENTS.

The perfection of Mowers.

The Meadow King Mower introduced into Nova Scotia last season, by James P. Dodge, is the most perfect Mower ever invented, it will Mow where every other kind has been clogged, the Knives will run in any position, either horizontal or perpendicular.

Middleton, Annapolis Co. April 13. 3 m.

99 GRANVILLE STREET. 99. PER S. S. "NORTH AMERICAN." Black Velveteens, BLACK MANTLE VELVETS, Black Silks, BLACK MALTESE LACES, Black Crapes, BLACK VELVET RIBBONS, Black Coburgs, BLACK PARAMATTAS. A new and beautiful make of BLACK QUADRUPLE CRAPE, By steamers to arrive in a few days, we shall have a large part of our Spring Stock.

GATES' LIFE OF MAN BITTERS, FROM THE Roots and Plants of Nova Scotia,

formerly manufactured by Mrs. Gates, of Wilmot. Who was pronounced incurable of Liver Complaint and Dropsy by many skillful physicians, when procuring several receipts from an eminent French physician, she was entirely cured; and afterwards cured hundreds of cases for which at first there seemed to be no hope.

In cases of lung disease, the No. 1 Bitters must be taken with No. 1 Syrup, except in weak cases and young children, when No. 2 Syrup and No. 1 Bitters must be used. Those suffering from Lung diseases, should not fail to use in addition to the above, Gates' Vegetable Plaster applied between the shoulders and to the throat and chest with Nerve Ointment.

For pains and Rheumatism in any part of the body, No. 1 Syrup, and Gates' Nerve Ointment and Aoidian Liniment mixed together applied to the painful parts.

This is to certify that I, Matthew Skirton, was under the doctor's hands for some time, with a disease called the dropsy, and suffered all but death; and after giving up all hopes, was recommended to go to Mrs. Gates. In about two weeks after taking her medicine I was able to go to work as usual.

This is to certify that J. C. Wheelock, of Nictaux, Annapolis County, have been afflicted with liver complaint and complicated diseases for two years,—I have tried different Physicians and medicines of various kinds, but found little or no relief until I applied to Mr. Caleb Gates for his medicine, and after using it I soon found the diseases had to yield under his treatment.

AGENTS.—George V. Rand, Wolfville. John Webb, Windsor. J. E. Newcomb, Hantsport. J. L. Cogswell, Kentville. Sheffield & Wickwire, Canning.

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