

Agriculture.

WHEN TO TRANSPLANT TREES.

There is no doubt, that, all things being equal, the spring is decidedly the best season in which to do the work. But the frost may remain in the ground till the middle of April.

Before planting see to it that the ground is in good order, thoroughly pulverized by plowing, cross-plowing, and sub-soiling, until every part of it, to a depth of 18 inches, is well disturbed.

Oxen vs. Horses for Farm Work.—Suppose we take a glance at the comparative cost of oxen and horses. As a general thing, a yoke of cattle can be had for about the same money as a good farm horse.

Then why are not oxen more generally used, if they are so much superior to horses? I suppose it is because people are governed in that particular as with almost everything else in the world, by appearances.

When a horse gets old and worn out, he is fit only to be "traded off," or if not traded off he is pensioner at the barn door of the kind-hearted farmer, and finally a feast for the buzzards.

HOW TO MAKE HENS LAY.—There are many hens kept through the winter which are not worth their feed, because they are cilled and half sick from being forced to live on food not suited to their needs, or are too old for use.

Winter is the hardest season, for they require more attention at that time; but if suitable food is given, and the location of their house is sunny and comfortable, one can safely count on as many eggs in December, January, and February, as in the summer months.

Beef's liver, lights and heart, if chopped fine, are also highly relished, and meat bones with small fragments attached are desirable food, and oil cake is as good as anything else.

from the kitchen and dining-room. At noon time the whole mess is boiled up and thickened with corn or oat meal, or wheat screenings, and it is given every day to the hens; the results are seen in plenty of fresh eggs all winter, and our breakfasts are rendered delicious by their aid.

Green food, such as cabbage heads, &c., is also very much relished, and farmers should always remember to give the refuse cabbage leaves to the hens rather than to the hogs.

Boxes of coal ashes, wood ashes, and sand or gravel, are also useful articles of furniture in every henery; and air-slacked lime—a shovelful every few days—is a dainty to the hens.

It has been ascertained by a German naturalist that that ovary of a hen contains about six hundred embryo eggs. The first year not much more than twenty are matured; the second year, one hundred and twenty; the third one hundred and thirty-five; the fourth, one hundred and fourteen; and for the next four years the number decreases twenty each year, and by the ninth year she lays only ten eggs.

Scientific.

IRRITABILITY OF THE FROG'S HEART.

Taken all in all, the batrachians are marvelous beings. Besides being obliged to pump air down into their own lungs, which explains why the gular membrane underneath the under jaw is so elastic, acting on the volume of inhaled air in the cavity of the mouth on the mechanical principle of bellows they catch game with the point of the tongue, drink through the spongy texture of the skin on the back, and live months in succession concealed in the mud bed of a pool without respiring; and yet the systole and diastole, or in plainer words the contraction and expansion of the heart, is not suspended.

THE SCRIBER BEES respectfully intimates to his Friends, and Public generally, that having fitted up his Establishment with the Latest and most Improved Machinery.

BOOTS AND SHOES, Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by any goods offered in this market, whether Domestic, English or American.

WHOLESALE BUYERS Will find our Terms Liberal, and we assure them that their interests will receive our best attention.

QUANTITY OF FOOD TO EAT.—People often ask us "What is the proper quantity of food?" This depends very much on what the food is, and who the person is, and what his pursuits are.

venture the assertion that if each man of good constitution and health could begin at twenty-one, having been properly fed at that time, he might live to be seventy or seventy-five years of age and not need the aid of a doctor at all. We believe that nine out of ten could do so. But just how a person should live to avoid entirely all causes of disease, no man, perhaps, is wise enough to prescribe.

Joyful news for the Afflicted.

GATES' Life of Man Bitters.

Mr. Caleb Gates—Dear Sir—I feel entirely well of pain in my side and have raised no more blood and matter since taking two bottles of your medicine. I have tested it in my family with a like result; my wife, one of my sons and myself have all been cured of severe affections of the lungs and stomach by its use after every other medicine had failed.

This is to certify that I was for a considerable length of time seriously affected with indigestion accompanied by a severe pain in the chest and side. After trying different medicines without experiencing any permanent relief was induced by your Agent to try his medicine, and after using three bottles of Bitters and Syrup, I was entirely cured.

CALEDONIA, Oct. 5th, 1870.

This is to certify that O. Wheelock of Nictaux Annapolis in the County of Annapolis and Province of Nova Scotia has been afflicted with Liver Complaint and a complicated disease two years.

NOVA SCOTIA Boot & Shoe Factory 22 & 28 GEORGE STREET.

THE SCRIBER BEES respectfully intimates to his Friends, and Public generally, that having fitted up his Establishment with the Latest and most Improved Machinery.

BOOTS AND SHOES, Which for VARIETY, QUALITY, STYLE, FINISH AND CHEAPNESS cannot be excelled by any goods offered in this market, whether Domestic, English or American.

WHOLESALE BUYERS Will find our Terms Liberal, and we assure them that their interests will receive our best attention.

GEORGE S. YATES. Halifax, N. S., April 24, 1871.

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. Price 8 cents or \$6.00 per 100.

HALIFAX, N. S. FEBRUARY 5, 1873.

MESSENGER—HALIFAX. FEBRUARY 1873.

First Quarter, Feb. 4, 5h. 51m. morning. Full Moon, " 12h. 7m. morning. Last Quarter, " 20th, 8h. 9m. morning. New Moon, " 28th, 11h. 8m. afternoon.

Table with columns: Day, SUN, MOON, High Tides, Low Tides. Rows for days of the month.

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

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.

WINDSOR & ANNAPOLIS RAILWAY. CONDENSED TIME TABLE. DECEMBER, 1872.

Table with columns: STATIONS, Exp, Pass, Ps. Rows for Halifax, Bedford, Windsor, Hantsport, Kentville, etc.

ST. JOHN TO HALIFAX.

Table with columns: STATIONS, Exp, Pass, Pass. Rows for St. John by Steamer, Annapolis, Bridgetown, etc.

N. B.—The Express Trains run on Monday, Wednesday, and Saturday only.

Through Tickets at reduced fares by above routes to all parts in the United States and Canada may be obtained at the Ticket Office.

WHOLESALE BUYERS Will find our Terms Liberal, and we assure them that their interests will receive our best attention.

GEORGE S. YATES. Halifax, N. S., April 24, 1871.

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. Price 8 cents or \$6.00 per 100.

MARGESON'S CALCULIFUGE.

This valuable Medicine is now before the public. Sure cure for the Gravel, Stone in the Bladder, and all diseases of the Kidney; in some cases it has cured the Dropsy—the worst or weakest case may use it; perfectly vegetable and in almost all cases it is a sure remedy.

Sold wholesale by Avery Brown & Co R. C. MARGESON & CO, Halifax.

Halifax, December 5th, 1872.

Dear Sir:—Having been afflicted with Gravel and finding that the doctors could do nothing for me, I was induced to buy your medicine called Calculifuge. I am happy to say after the second trial I was perfectly cured.

Yours, with regard, J. B. SMITHERS.

Dear Sir,—I feel constrained to make you my acknowledgments for benefit received, as follows: My horse was suffering from suppression of the urinary organs and was, in consequence, suffering considerable pain; I was recommended to try your Calculifuge; I procured it and gave a strong dose, and a happy cure.

Yours, with regard, J. B. SMITHERS.

PARKS COTTON WARP.

WHITE, BLUE, RED, ORANGE & GREEN. Nos. 5s to 10s.

WARRANTED to be full length and weight, STRONGER and BETTER in every respect than any other English or American Warp.

FOR SALE BY ALL DEALERS. WM. PARKS & SON. New Brunswick Cotton Mills, St. John, N. B.

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. Silk Hats made to order by Conformer Measure, without extra charge. EVERETT BROTHERS, 100 Granville St., May 3.

British American Book and Tract Depository.

65 GRANVILLE ST., HALIFAX, N. S. Constantly on hand a good supply of Standard Religious, Theological and S. S. Books, Illustrated Papers, Reward Cards, Tracts, &c.

The following are offered at about one-third less than the publishing prices in London, in order to extend their circulation as widely as possible.

Table with columns: Title, Price, Postage. Rows for Personal Religion, Consider it, God's Way of Peace, etc.

Orders to be sent to A. McBEAN, Secy. July 31.

AGENTS WANTED \$150 per month. To sell the TINKER, the most useful Household article ever invented.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms—Two Dollars a year, when paid in advance; if payment is delayed over three months \$2.25 when over six months \$2.50.

ADVERTISING at usual rates. STEPHEN SELDEN, Proprietor. Office No. 71 GRANVILLE STREET, HALIFAX, N. S.

PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms.

Magistrates Blanks always on hand.

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

Agent for the NEW YORK FASHION PLATES. 231 HOLLIS STREET, HALIFAX, N. S. May 17, 1873.