

Agriculture.

SOILS--SAND AND GRAVEL.

Sandy land is more easily and less expensively cultivated than any other, and although very liable to be infested by running weeds, is readily cleared of them.

The great drawback on the profits of cultivation of sandy lands is their great liability to suffer from drought. Crops are, however, upon such, more easily put in and more rapidly grown and ripened, but are usually deficient both in weight of grain and in bulk and strength of straw.

Gravelly soils, which are very similar to the sandy in their general properties, like the latter are formed of various degrees of quality, ranging from the extreme of barrenness to great fertility.

The richer kinds of this land are very valuable, and I suppose there can be found no better or more profitable farms in Canada than in those parts of Norfolk, Oxford, Brant, and Waterloo, which lie upon the gravelly surface formation.

The wheat upon these lands is peculiarly fine in quality, and as they are also especially suitable to the growth of leguminous plants, such as clover, and of turnips, they are invaluable for a course of general husbandry.

Let not the reader, however, think that a gravelly soil is necessarily a good one, even when naturally rich. There is no land so unprofitable and yet so deceptive as that in which clay and gravel lie in alternate strata cropping out in the sides of hills and even of hillocks.

There is yet another class of stony land which is, unlike the alternate strata of clay and gravel, exceedingly fertile. In such the staple is more of clay than of sand, and is intermixed with stone of a calcareous nature.

There is much of this in Wellington, Grey, and Bruce, and these counties are rapidly assuming a most important position in the agricultural world of Canada.

A character, like a kettle, once mended, always wants mending.

Scientific.

THE FRERE FOUNTAIN, BOMBAY; INDIA.

The Scientific American of the 29th ult., has a beautiful engraving on its first page representing this fine work of art recently erected in an eastern British possession.

The engraving is an excellent representation of the Frere Fountain in Bombay, the largest work of its kind in India, lately erected by the municipality of Bombay as a testimony of the esteem in which their late Governor, Sir Bartle Frere, is regarded by that presidency.

The four sitting figures are considerably over life size, and are representations of four of the leading products of India, while that on the top is a representation of Flora.

The execution of this fountain, which has cost about £4,000, exclusive of foundations, large outer basin, water works, lamps, ornamental railing, freight, and fixing, was intrusted to Mr. Forsyth, of London, who was already known for his works in this department of art, and who, with the friendly co-operation of Mr. R. Norman Shaw, architect, has carried it out in a successful manner.

WHAT THE MICROSCOPE REVEALS.—With a MORAL.—Lewenboeck tells us of an insect seen with the microscope, of which twenty-seven millions would only equal a mite.

Insects of various kinds may be seen in the cavities of a grain of sand. Mold is a forest of beautiful trees, with the branches, leaves, and fruit.

Butterflies are fully feathered. Hairs are hollow tubes.

The surface of our bodies is covered with scales like a fish; a single grain of sand would cover one hundred and fifty of these scales, and yet a scale covers five hundred pores.

Each drop of stagnant water contains a world of animated beings, swimming with as much liberty as whales in the sea.

Each leaf has a colony of insects grazing on it, like cows on a meadow. Moral.—Have some care as to the air you breathe, the food you eat, and the water you drink.—Home and Health.

CEMENT FOR METAL AND GLASS.

The following cement will firmly attach any metallic substance to glass or porcelain: Mix two ounces of a thick solution of glue with one ounce of linseed oil varnish, or three fourths of an ounce of Venice turpentine; boil them together, stirring them until they mix as thoroughly as possible.

Medicine stains may be moved from silver spoons by rubbing them with a rag dipped in sulphuric acid, and washing it off with soap-suds.

A character, like a kettle, once mended, always wants mending.

MESSENGER ALMANACK.

AUGUST, 1871.

East Quarter, August 8th, 9m. morning. New Moon, " 16th, 2h. 47m. morning. First Quarter, " 23rd, 7h. 21m. morning. Full Moon, " 30th, 2h. 6m. morning.

Table with columns: Day, Rise, Sets, Moon, High Tide. Rows for days of the month.

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

High water at Pictou and Cape Tormentines, 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 12 hours, and to the remainder add the time of rising next morning.

A. V. P. B.

ARCHIBALD'S VEGETABLE-PAIN BALSAM is an article worthy of patronage and should be found in every house. It is equal if not superior to any other Pain Killer now in use.

The Proprietor has removed to Truro, Colchester Co., N. S., is now extending his business, and will be prepared to furnish his numerous patrons with the above, as well as many other valuable remedies compounded by him.

CHALONER'S ANILINE DYES.

THE proprietor of the celebrated Aniline Dyes in packets wishing to prevent the public from imposition begs to call attention to Messrs Avery & Brown's imitation of Rosine containing only ONE FOURTH THE PROPER QUANTITY to retail at the same price as his, viz. 10 cents.

These Dyes give better satisfaction than any other class, they are in almost all colors. Magenta, Pink, Ponceau, Yellow, Mauve, Violet, Purple, &c., (no black), with directions. The original have the directions printed on colored labels corresponding with the shade of the dye, they are soluble in water. For any further information on the subject, Address—J. CHALONER, Inventor and Proprietor of the Aniline Dyes in packets. Corner King and Germain Street, St. John, N. B. May 10. 3m.

American Organs.

A New and Popular Series of Instruments.

The Manufacturers, desirous of meeting the general desire for organs with all substantial excellences and at a moderate price, have designed and made a series of styles that are in all respects superior to any instruments for similar prices; namely from \$10 to \$100.

Not only are the cases of new and tasteful designs, but every part of the mechanism has been subjected to the most careful scrutiny in order to combine all the elements that can be looked for.

Numbers One, Two and Three are designed for private use. Number Three has a new and exquisite Solo stop, named

THE KALOPHON.

This tone possesses a most fascinating quality, closely resembling the real VOX HUMANA, being delicate and sympathetic, and free from the disagreeable tremor that haunts most of the mis-called VOX HUMANA stops.

Numbers Four and Five will sound especially effective in churches of moderate size.

Number Four has an Octave of Sub-bass, and Number Five both Sub-bass and an Octave Coupler, giving a great increase of power, but with no sacrifice of sweetness.

LARGER AND MORE COSTLY STYLES

are also offered, of which the catalogue of the manufacturers will give information. Send for circular! Address

The Smith American Organ Co. Boston, Mass.

C. E. GATES. AGENT FOR THE PROVINCES. For sale in Halifax by S. SELDEN. May 17.

WRIGHT'S Patent Sectional Spring Bed.

THE Subscribers having been appointed Sole Agents in the Province for the sale of this article, recommend it as being the easiest and most comfortable to rest upon, and together with its durability, and the facility with which it can be taken apart and cleaned, they feel certain that it will be found to be a most convenient article.

May 20. GORDON & KRITH.

EAGAR'S Peruvian Bitters!

Of Peruvian Bark, Sarsaparilla, Dandelion, Wild Cherry, and other valuable remedies.

AN EXCELLENT TONIC, APPETIZER, & STIMULANT.

Cures LIVER COMPLAINT, DYSPEPSIA, ACIDITY of the STOMACH, DEBILITY and PAIN in the BACK, RESTORES the VITAL ENERGIES, when exhausted, braces up both the Nervous and Muscular System, PURIFIES the BLOOD, and Restores the Appetite.

PERUVIAN BITTERS

are not an Alcoholic preparation, but simply a scientific combination of valuable Roots and Barks, which purifies the Blood and restores the waste, thereby bracing up both the Nervous and Muscular Systems, and giving that permanent HEALTH, STRENGTH and VIGOR both of mind and body which nature intended man should possess.

This BITTERS is not sold as a specific for every disease, but in cases of GENERAL DEBILITY and its effects, such as Dyspepsia, Loss of Appetite, Weakness of the small of the Back, Weak Memory, Indisposition for exertion, Sense of Fullness after Eating, &c., caused by anxiety over exertion, mental or bodily, late hours, and excesses of every kind, it has no equal.

Although these BITTERS contain no Alcohol, they will most effectually wean the taste from Stimulants and enable the system to dispense with them at once.

The proprietor, although averse to the practice of puffing any medicine, feels it his duty to give publicity to the following certifications.—Hundreds could be added, but such names as Dr. How, Professor of Chemistry at King's College; Capt. Hardy, R. A.; Mr. Solomon, Lunenburg; and Dudley de Chair, Esq., Halifax, will be sufficient to establish its reputation as a reliable and valuable medicine.

CERTIFICATES:

I have found Mr. Eggar's PERUVIAN BITTERS beneficial to myself and in my family, and have heard of their being used with good effect in another case in Windsor. (Signed) HENRY HOW, D.C.L. King's College, Windsor.

MR. EGGAR,—I have used your PERUVIAN BITTERS in a personal case of Dyspepsia, and have derived the greatest benefit therefrom. (Signed) C. HARDY, Capt. R. A.

LUNENBURG, 28th June, 1869. MR. EGGAR,—I have used your PERUVIAN BITTERS and can highly recommend them, as I have derived great benefit therefrom. (Signed) EDWARD H. SOLOMON, Dy. Surveyor, Co. Lunenburg.

I have tried Mr. Eggar's PERUVIAN BITTERS, and can strongly recommend them. (Signed) DUDLEY DE CHAIR, Halifax, June 3, 1869.

FOR SALE in large bottles at 37 1/2 cts. per bottle, and in one dozen and three dozen boxes. Orders from the country will receive immediate attention. Desires supplied on liberal terms.

TOOTH ACHE.

EAGAR'S ODONTINE ESSENCE

gives instantaneous relief in all cases of Tooth Ache arising from hollow teeth and exposure of the nerve.

Thousands of bottles have been sold and in no case has it failed to give satisfaction. Be sure and obtain Eggar's Odontine Essence; take no other.

The money will be returned if it fails to give relief when used according to directions in cases of tooth ache from exposed nerve.

25 CENTS PER BOTTLE.

If the above article cannot be obtained at the stores near where you live send the price in stamps to the subscriber's address and it will be forwarded immediately. Dealers supplied on liberal terms.

M. F. Eggar, 149 Hollis St. Halifax.

NEW WHOLESALE DRUG STORE, 149 Hollis St., Halifax.

The subscriber is prepared to execute orders for Drugs, Chemicals, Perfumery, Patent Medicines' Pains, Varieties, Oils, Tinct. Articles, and all other articles usually supplied by Drug Houses.

Being agent for first class Surgical Instrument makers in London and Paris, their respective priced lists can be seen at his establishment.

His knowledge of the London, Liverpool and Parisian Markets, enables him to offer goods at very low prices for cash as will be seen by a few quotations below:

Hair Oil, at from... 37 per doz Perfume, " " " " 60 " Black Cup Pomade, " " " " 1 00 " Box Wood top Pomade, " " " " 1 00 " Glycerine & Camphor Roll, " " " " 0 90 " Soaps, " " " " 0 25 "

Prices of any articles will be given with pleasure when required. Should any article purchased at his establishment not prove to be what it is represented, it can be returned at his expense, if not otherwise made satisfactory.

M. F. EGGAR, 149 Hollis St. Halifax.

Feb. 23.

DR. JOSEPH D. DAVIS

WOULD inform the public that after thirty years of study, investigation and practical experimenting concerning that terrible disease

CONSUMPTION,

And the diseases of the anterior and posterior nares, throat, bronchus, lung, heart, liver, kidneys, and uterus, and twenty years spent in investigating, experimenting and proving, with the medicinal and therapeutic properties of the roots, barks, plants and shrubs, indigenous to Massachusetts, Maine, New Brunswick and Nova Scotia,—he has discovered new remedies, and new modes of treatment, for Consumption, not previously known to Medical Science; and with the large number of cases treated, relieved and cured during the past ten years, in Maine, Massachusetts, and in different sections of Nova Scotia, has proved, beyond the shadow of a doubt, that Consumption, very often in its advanced stages, with his medicines and mode of treatment, can be cured.

He has, at great expense, procured from London, Paris, Vienna and the United States, the finest and most delicate instruments to enable him to thoroughly diagnose diseases.

CAPE SABLE ISLAND, N. S., July 15th, 1870.

DR. DAVIS—

Dear Sir—The wisest of men has said that in "a multitude of counselors there is safety." Having been benefited by your medicine, I wish to say it to others who may be suffering from lung disease. Early in 1869 my health began to give way, until such a load of vital tone was experienced that I concluded it was time to try to avert the impending danger or doom; and arranged last autumn for a rest and a visit to my native Province; but on returning found myself no better; I became discouraged, fearing if no help could be obtained that I should have to abandon my work in the ministry. Happily for me, as the sequel proved, you were directed this way last winter; and, upon examination, you said my lungs were in a tubercular condition, and advised me to take medicine; to which I consented, with many misgivings, which, however, were dissipated in the course of four or five months. For the first three months I could not discern much change; but after that began to feel a new vitality permeating my whole system; my work, which for months had been burdensome, became lighter and more agreeable; and now I enjoy a vigorous state of health. If this testimony should induce any who are suffering from lung disease to employ you, with the same success, I do not doubt but they will feel that, under the Divine blessing by which you have been enabled to gather such valuable knowledge from nature's store house, they are your debtor. With earnest prayer that you may succeed in business and become a blessing to many of the afflicted, I remain, with kindest regards,

WM. M. KNOLLIN,

DR. DAVIS has taken rooms at the LOVITT HOUSE, 68 Hollis Street, where he will remain until the 1st July next, and may be consulted daily from 11 a. m., to 6 p. m. March 15.



Superior Pianos,

IN VARIOUS STYLES.

UPRIGHT, OBLIQUE, SQUARE, Etc. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of 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.

WM. FRASER & SONS, June 1. 70 & 72 Barrington St.

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BY S. SELDEN.

Price 8 cents or \$3.00 per 100.

TRY NELSON'S CHEROKEE VERMIFUGE.

THIS valuable Indian combination has been successfully used by physicians, and found to be safe and sure in expelling worms in persons of all ages. Prepared by W. J. NELSON, Bridgewater, N. S.

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