

Agriculture.

ONION CULTURE.

There is a peculiarity in the cultivation of this crop that is the reverse of nearly every crop raised, and that is the succession of crops on the same field, which proves exceedingly beneficial, while with most others it is directly the reverse, prejudicial; so that while most crops prefer a healthy rotation, the successive croppings of the onion is beneficial, in that from the continual cultivation of the same field much labour is saved, if care is taken for the first few years to eradicate every foul plant, so that none shall be allowed to seed upon the field to furnish plants for the succeeding year. In the selection of a field for the cultivation of this crop the soil should be a light sandy one, so situated as to be thoroughly drained, and capable of becoming dry at the earliest possible time after the frost leaves the ground. When a new piece of ground is selected, the result not unfrequently proves a partial failure, notwithstanding great care and pains may have been taken in the cultivation.

The failure usually consists in an excessive stock growth at the expense of bottoming, so that a beginner need not be discouraged even though the first one or two efforts do not prove successful or remunerative. In no case should a field be taken for the growth of this crop that has not previously been under thorough cultivation and become well pulverized, and also in a high state of fertility. It is also very desirable, though not absolutely necessary, that the manuring and principal ploughing be done in the autumn, just previous to the freezing of the ground, since thereby the manure becomes more evenly distributed in the soil, and not only that, but being so loosened and more exposed, to the action of the frost, is more easily cultivated in the early spring. The manure used is not so essential, if it is well pulverized; some prefer horse manure, others that from the hog yard, and still others any that is well decomposed. The ploughing in the spring need not necessarily be very deep if the same was thoroughly done in the fall, since the onion is a root that grows and flourishes best on the surface. As soon as the frost leaves the ground, if previously manured, it should be lightly ploughed, say from three to four inches deep, and then thoroughly scarified, so that it shall be evenly and thoroughly pulverized; a great auxiliary to manure of whatever kind, and which appears to assist in the bottoming, is a good supply of ashes; in fact good crops have been grown from soil in good condition fertilized by ashes alone. If ashes are used, they should be strewn upon the surface after being smoothed, and then thoroughly raked in, at which time the surface should be raked smoothly. If ashes are not used after the surface is scarified, guano, superphosphate, or some other commercial fertilizer, should be evenly distributed upon the surface and raked in as before. When thus prepared, the field is ready for the seed.

After sowing, nothing further remains to be done until the little plant has made its appearance above ground, and then should commence the labour of destroying all weeds as fast as they make their appearance. Clean cultivation is absolutely necessary, as the growth of the onion is greatly retarded by the infringement of any foul and unnecessary growth of weeds.—*Canadian Farmer.*

DOSING HORSES.—Drenching a horse with fluid medicines, even if the doses are of an indifferent nature, like milk and molasses, is always very dangerous; but is extremely so, first, when the drench consists of substances,—for instance, oil or grease,—to which horses have a natural aversion; secondly, when the sick horse is suffering with a disease which is attended with fast breathing, like pneumonia, colic, etc.; and thirdly, when the fluid, as is often the case, is poured down in a forcible manner, for in such cases it frequently happens that a part of the fluid enters the larynx and goes down the windpipe into the lungs, and causes there an inflammation, which frequently becomes fatal.—*"Veterinarian," in Chicago Tribune.*

For mildew on rose bushes, dissolve a pound of soft-soap in a gallon of rain-water, and sprinkle the upper and under surface of the foliage with this solution.

MILKING IN SILENCE.

At the Farmers' Club in West Cornwall, Connecticut (U.S.) a farmer said that no talking should be allowed while milking was going on. He said he discharged one of his servants who persisted in talking during milking time and that in three days the increase of milk was equal to the man's weekly wages. We fear an increase to such an extent must have been due to other causes besides the one assigned. If the enlarged yield followed solely from the dismissal of the man, we suspect his presence affected the supply of milk in some way apart from his loquacity. We have frequently found a change of servants prove beneficial. It may be that talking prevents hens from laying also. We know we have often experienced a vast increase in the number of eggs brought into the house after the removal of a too officious individual from our employ. Besides, our cows have sometimes improved in produce by the same means, but we generally attributed it to cleaner milking by fresh and more industrious hands. It is, however, well known that cows are peculiarly sensitive to sights and sounds during the time they are milked. Unless they are at perfect ease they will not give their milk freely. They should be daily milked under the same conditions. Cows that are fed at milking time require their usual meal, or they become restless or dissatisfied, and put a stop to their bounty. Many of them will only allow some special favorite to milk them. In those parts of the country where women are solely employed to milk, we frequently find one or two tuneful lasses singing at their work, and many cows become so pleased with the rustic harmony as to show evident signs of their approval of the loud sweet voice, by giving their milk only by being sung to. Everything that distracts the attention of the cow and ruffles her placidity, should be avoided when she is called upon to yield her milk. Her nervous system should not be excited by strange noises, unwelcome objects or rough treatment, or the effect will be apparent in a diminished supply in the milk pail. It would no doubt be good advice, on the whole, to tell those who milk that they should hold their tongues and keep their tempers. The Connecticut farmer appears to have sufficient reason indeed to say, that speech is silver, but silence is golden.—*London Milk Journal.*

FRUIT CULTURE.—The *Country Gentleman* sums up a few leading points in fruit culture in the following comprehensive remarks:

1. Instead of 'triumphing up' trees according to the old fashion, to make them long-legged and long-rimmed, trim them down, so as to make them even, snug and symmetrical.
2. Instead of manuring heavily in a small circle, and at the foot of the tree spread the manure, if needed at all, broadcast over the whole surface.
3. Instead of spading a small circle about the stem, cultivate the whole surface broadcast.
4. Prefer a well pulverized, clean surface in an orchard, with a moderately rich soil, to heavy manuring, and a surface covered with a hard crust and weeds or grass.
5. Remember it is better to set out ten trees with all the necessary care to make them live and flourish than to set out a hundred trees and have them all die from carelessness.
6. Remember that tobacco is a poison, and will kill insects rapidly if properly applied to them, and is one of the best drugs for freeing trees rapidly of small vermin; and is better used in this way than to make men repulsive and diseased."

FRESH FRUITS.—Very few fruits, however well grown and however perfectly ripened, are so good if eaten instantly upon being gathered, as they are when kept in a cool, dark place for twenty-four hours or more. Strawberries plucked when the sun shines fiercely are simply unfit to eat, for they are warm; ditto peaches, and all else. To obtain the full, true, delicious flavor of a strawberry or peach, gather the fruit one day in advance, and shut it up closely in the fruit room, and it will then be fit for the dessert and a credit to the cultivator. A second-class fruit, prepared by this course of procedure, will actually surpass a first-class fruit, eaten freshly gathered. Yet the current notion is that soft fruits cannot be eaten too fresh, and the keeping of them deteriorates their flavor.

MESSENGER ALMANACK.

NOVEMBER, 1871.

Last Quarter, Nov. 5th, 8h. 41m. morning.
New Moon, " 12th, 0h. 54m. afternoon.
Full Quarter, " 19th, 4h. 32m. morning.
First Moon, " 26th, 4h. 39m. afternoon.

Day	SUN.	MOON.	High Tide
Wk.	Rise	Set	at Halifax
1 W.	6 41	4 47	7 48
2 Th.	6 42	4 45	8 37
3 F.	6 44	4 44	9 32
4 Sa.	6 45	4 42	10 32
5 Su.	6 46	4 41	11 32
6 M.	6 48	4 40	mor.
7 Tu.	6 49	4 38	0 42
8 W.	6 51	4 37	1 59
9 Th.	6 52	4 35	3 0
10 F.	6 54	4 34	4 11
11 Sa.	6 55	4 34	5 26
12 Su.	6 56	4 33	6 44
13 M.	6 57	4 32	8 4
14 Tu.	6 59	4 30	9 22
15 W.	7 0	4 29	10 34
16 Th.	7 2	4 28	11 36
17 F.	7 3	4 27	12 45
18 Sa.	7 4	4 26	1 50
19 Su.	7 5	4 25	2 40
20 M.	7 7	4 25	3 25
21 Tu.	7 8	4 24	4 7
22 W.	7 10	4 23	5 16
23 Th.	7 11	4 22	6 8
24 F.	7 12	4 21	7 3
25 Sa.	7 14	4 21	8 5
26 Su.	7 15	4 21	10 12
27 M.	7 16	4 20	11 15
28 Tu.	7 18	4 19	12 16
29 W.	7 19	4 19	1 14
30 Th.	7 20	4 19	2 18

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 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. At Westport, 2 hours 51 minutes later. At Yarmouth, 2 hours 20 minutes later.

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. Also, Archibald's Cough Mixture for Coughs, Colds, and all Lung Diseases.

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. Sold by all the principal Dealers and Druggists in the Provinces.
Oct. 21. 1 yr.

DITSON & CO'S STANDARD OPERAS.

Ernani, Faust, Lucia, Lucrezia, Martha, Norma, Sonnambula, Traviata, Trovatore, Marriage of Figaro, Fidelio, Fra Diavolo and Don Giovanni.

Handsomely printed, unabridged, superior to all other editions in fullness, containing all the foreign and English words, and all the music, including that of the recitatives, they are yet sold for the low price of ONE DOLLAR EACH, and will be sent to any address, post free, for the above price. Finely bound in Boards for \$3.00 each.

OLIVER DITSON & CO., Boston.
C. H. DITSON & CO., New York.
Oct. 25. luc.

EDWARD NALDER, (Late of Birmingham, England.) ELECTRO-PLATER, GILDER, &c.

All kinds of work Plated & Gilt.
OFFICE—BARRINGTON STREET,
One door south of "Right Market,"
HALIFAX, N. S.
Sep. 6. 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 instrument's of similar price; namely from \$1.00 to \$200. 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.

The 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 found 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. H. GATES.
AGENT FOR THE PROVINCE.
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 a 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!

COMPOUND 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.
Particular attention is called to the fact that the

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 BITTER 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 or the smart 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 certificates. Hundreds could be added, but such names as Dr. How, Professor of Chemistry at King's College; Capt. Dudley de Chair, Esq., Halifax; and Dudley de Chair, Esq., Halifax, will be sufficient to establish its reputation as a reliable and valuable medicine.

CERTIFICATES:

I have found Mr. Eagar'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. EAGAR.—I have used YOUR PERUVIAN BITTERS in a personal case of Dyspepsia, and have derived the greatest benefit therefrom.
(Signed) C. HANDY,
Capt. R. A.

LUNENBURG, 23th June, 1869.

MR. EAGAR.—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. Eagar's PERUVIAN BITTERS, and can strongly recommend them.
Signed DUDLEY DE CHAIR,
Halifax, June 3, 1869.

FOR SALE in large bottles at 37½ cts. per bottle, and in one dozen and three dozen boxes. Orders from the country will receive immediate attention. Dealers Supplied on liberal terms.

TOOTHACHE.

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 Eagar'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 toothache 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. Eagar,
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, Varnishes, Oils, Toilet Articles, and all other articles usually supplied by Drug Houses.

Being a gent 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...\$0 37 per doz
Perfume,	" " " 0 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. EAGAR,
149 Hollis St.
Halifax.
Feb. 23.

CHEAP FARMS! FREE HOMES!
ON THE LINE OF THE
UNION PACIFIC RAILROAD.

A LAND GRANT OF
12,000,000 ACRES
OF THE
Best Farming and Mineral Lands in America.

3,000,000 Acres of Choice Farming and Grazing Lands on the line of the road, in the STATE OF NEBRASKA, IN THE GREAT PLATTE VALLEY.
NOW FOR SALE, for cash or long credit. These lands are in a mild and healthy climate, and for grain growing and stock-raising, unsurpassed by any in the United States.

Prices range from \$2 to \$10 per Acre.
Homesteads for Actual Settlers.

2,500,000 Acres of Government Land between Omaha and North Platte, open for entry as HOMESTEAD ONLY.
Persons of Foreign Birth are entitled to the BENEFIT OF THE HOMESTEAD LAW on declaring their intention to become citizens of the United States, and may avail themselves of this provision IMMEDIATELY AFTER THEIR ARRIVAL.
Send for the new edition of descriptive pamphlet, with new maps, mailed free everywhere.
Address
O. F. DAVIS,
Land Commissioner U. P. R. Co.
OMAHA, NEB.

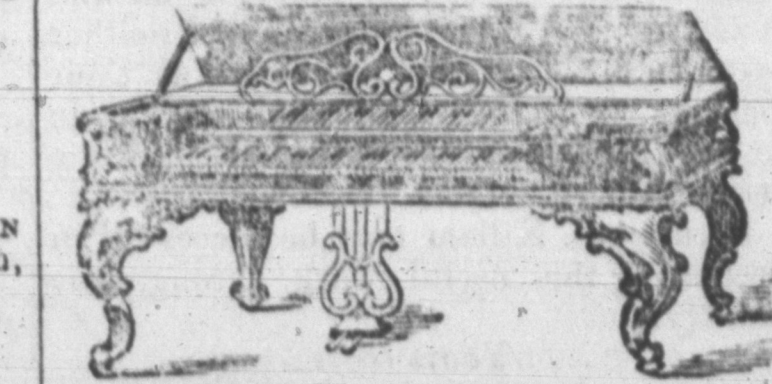
New Grocery Store.

Z. A. HUBLEY & CO.,
NO. 168 RYLE STREET,
(Opposite J. NORTHRUP'S.)

DEALER IN
Country Produce,
FLOUR, TEA, SUGAR, and GENERAL GROCERIES,
WHOLESALE AND RETAIL.

N. B.—People from the Country sending their orders to us, will gain four per cent on their Groceries, by our profits being small.
Aug. 9th. 3m.*

CH SUBSCRIBERS TO PETER'S MUSICAL MONTHLY get all the latest and best Music at one and two cents a piece. Every number contains from \$4 to \$5 worth of new Music; and it can be had for 30 cents. The July and August numbers contain Thirty Pieces of Music, (72 pages, sheet-music size,) and will be mailed for 50 cents. Address J. L. PETERS, 599 Broadway, New York.
Aug. 9th, 3m.



Superior Pianos,

IN VARIOUS STYLES
UPRIGHT, OBLIQUE, SQUARE, &c.

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.
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.

TRY NELSON'S CHEROKEE VERMIFUGE.

THIS valuable Indian combination has been successfully used by physicians, and found to be safe and sure in eradicating worms in persons of all ages. Prepared by
W. J. NELSON,
Bridgewater, N. S.
Sold everywhere.
Sept. 14. 1y. ees 3mths.

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. Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

ADVERTIZING at usual rates.
STEPHEN SELDEN, Proprietor.
OFFICE No. 59 GRANVILLE STREET,
HALIFAX, N. S.

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

Magistrates Blanks always on hand.