

Agriculture, &c.,

SUGAR-BEET CONTRASTED WITH MANGOLD.

Sugar-beet is being extensively cultivated in Great Britain as food for stock, and for this purpose it is fast coming into competition with mangold. A Correspondent of the Agricultural Gazette says that, as a rule, the sugar-beet does not grow as large as the mangold, and therefore to ensure the same weight per acre more must be grown. To make this plain, he presumes that in an ordinary crop of large mangold there will be from sixty to eighty roots to the perch. Now, in sugar-beets there should be about two hundred roots to the same area. This increase of the individual roots will compensate for their lightness, and the gross yield of the sugar-beet will probably be as great as that of mangold. Already they are running each other pretty close in the Lavenham district. The heaviest crop of sugar-beet this year weighed in the gross thirty-one tons per acre. The best crop of mangolds weighed in the gross thirty-one tons per acre. The best crop of mangolds weighed one ton less, or thirty tons per acre. Weighed without tops the mangolds reached twenty four tons per acre, and the sugar-beets twenty one and a half tons. The number of mangolds per perch was one hundred; of sugar-beets, two hundred.

These facts and figures point a lesson and indicate the direction improvement should take in regard to sugar-beet. Many a one who remembers the first crop of mangolds, with their uncouth roots and coarse large leaves, and contrasts them with the fine stock and small leaves of the most approved sorts of to-day, will see, at a glance, that the same course of selection and crossing, if needful, must be pursued with the sugar-beet. Among the crops now there are great differences in regard to top and habit. These have been noted by the growers, and most of them are saving their own seed from what they consider the best samples. It is probable that in a few years there will be model crops of sugar-beet, with little, if any, greater development of top than among the best mangolds. Once this is accomplished, the roots may go even closer together, and as, bulk for bulk, they weigh heavier than common mangold, it follows that by-and-by we shall have as heavy, or even heavier, crops of the sugar-beet per acre.—Canada Farmer.

A CHEAP GRUBKILLER.—Dissolve a coffee-cup full of salt in hot water, then put into a common sized watering pan, and fill up with cold water. Just give each plant a gentle switch over with this mixture, and they will disappear in a moment, and the salt and water will nourish the plants wonderfully. All greens are fond of salt and water. Some people would be afraid of killing their cauliflowers; but it must be borne in mind that the salt and water will not penetrate the leaves. It runs off to the roots, killing every caterpillar in its way.—Gardener's Magazine.

INFLUENCE OF RAILROADS ON THE HATCHING OF EGGS.—A peculiar effect of the proximity of railroads on the hatching of eggs has been mentioned in various papers. It has been found that there are scarcely any chickens raised in poultry yards which are situated in the immediate neighbourhood of the rails of a much frequented railroad. This fact is supposed to result from the earthquake-like trembling shaking the soil caused by passing trains, which exert an unfavourable influence on the eggs.—Ex.

A case of hydrophobia in a cow is reported in the Farmer (Scottish) of February 2nd. During the past few months, it is stated, many cases of the kind have occurred in the same neighbourhood (Alcomden, near Hebden Bridge) among pigs, cows, and horses, as well as among dogs and cats, and several instances of the disease in the human subject are also reported.

VARNISH FOR COARSE WORK.—A cheap but good varnish for coarse work can be made in the following manner: Take of raw linseed oil 30 pounds, litharge 1 pound, and white vitriol half a pound; boil them together until the water is all evaporated. This is very durable, and costs but little trouble to make.

It is said that many farmers in England intend to grow oats largely in place of wheat during the coming season, in consequence of the low price of the latter cereal.

MESSENGER ALMANACK.

May, 1870.

Table with columns for Day, M, Wk., Rises, Sets, Moon, High Tide. Rows for 1st Quarter, Full Moon, Last Quarter, New Moon, and days of the month.

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

High water at Pictou and Cape Tormentine 2 hours and 30 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 44 minutes later, and at St. John's, Newfoundland, 1 hour 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.

LIFE IN A PILL BOX.

EXTRAORDINARY EFFECTS FROM MAGGIEL'S ANTI-BILIOUS PILLS.

ONE PILL IN A DOSE. ONE PILL IN A DOSE. ONE PILL IN A DOSE.

WHAT ONE HUNDRED LETTERS

a-day say from patients all over the habitable globe: Dr. Maggiel, your pill had rid me of all biliousness. No more noxious doses for me in five or ten pill taken at one time. One of your pills cured me. Thanks, Doctor. My headache has left me. Send another box to keep in the house. After suffering torture from bilious colic, two of your pills cured me, and I have no return of the malady. Our doctors treated me for Chronic Constipation, as they called it, and at last said I was incurable. Your Maggiel's Pills cured me. I had no appetite; Maggiel's Pills gave me a hearty one. Your pills are marvellous. I send for another box, and keep them in the house. Dr. Maggiel has cured my headache that was chronic. I gave half one of your pills to my babe for cholera morbus. The dear young thing got well in a day. My nausea of a morning is now cured. Your box of Maggiel's Pills cured me of noises in the head. I rubbed some Salve behind my ears and the noise left. Send me two boxes—I want one for a poor family. I enclose a dollar—your price is twenty five cents but the Medicine to me is worth a dollar. Send me five boxes of your pills. Let me have three boxes of your Salve and Pills by return mail.

FOR ALL DISEASES OF THE KIDNEYS RETENTION OF URINE &c.

MAGGIEL'S PILLS! Are a perfect cure. One will satisfy anyone.

FOR FEMALE DISEASES.

Nervous Prostration, Weakness, General Lassitude and Want of Appetite, MAGGIEL'S PILLS Will be found an effectual remedy.

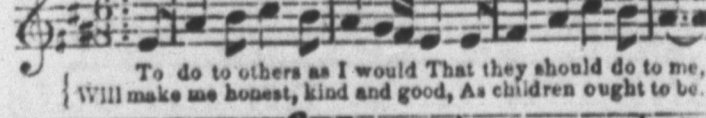
MAGGIEL'S PILLS AND SALVE

Are almost universal in their effects, and a cure can be almost guaranteed.

Each Box Contains Twelve Pills—One Pill in a Dose.

COUNTERFEITS!—Buy no Maggiel Pills or Salve with a little pamphlet inside the box. They are bogus. The genuine have the name of J. Haydock on the box, with the name of J. Maggiel, M.D. The genuine have the Pill surrounded with white powder. Sold by all respectable dealers in medicine throughout the United States and Canada, at TWENTY-FIVE CENTS A BOX OR POT. All orders for the United States must be addressed to J. HAYDOCK, No. 11, Pine Street, New York. Patients can write freely about their complaints and a reply will be returned by the following mail. Write for Maggiel's Treatment of diseases. AVERY & BROWN, HALIFAX, General Agents. May 27.

NEW MUSIC BOOKS.



To do to others as I would That they should do to me, Will make us honest, kind and good, As children ought to be.

I know I should not steal nor use The smallest thing I see, Which I should never like to lose If it belonged to me.

The above beautiful melody is from "THE UNION CHIMES," a new and superior collection of Hymns and Tunes of 150 pages designed for the Sabbath School, Prayer Meeting, and the Social Circle, by G. W. Linton. Price, \$2.25 per doz. Single copy, 25 cents.

THE VOCALIST. Containing 315 Tunes, Anthems, and Chants. Also 17 Chapters on music, with questions and answers: Articulation, Versification, Pronunciation, Time, Accent, Chanting, and the use of the Tuning Fork, by G. W. Linton. Price, \$3 per dozen. Single copy, 75 cents.

LINTON'S INDUCTIVE METHOD; OR, Musical Analysis and Teacher's Manual. Containing a complete course of lessons in Vocal Music, with Black-board Exercises, Questions and Answers, and Instructions to the Teacher. By G. W. Linton, formerly Professor of Music in Caswell Seminary. Price, 50 cents per copy.

The above books may be obtained at the "CHRISTIAN MESSENGER" OFFICE, 59 GRANVILLE STREET, HALIFAX. April 1.

Ayer's Hair Vigor, For restoring Gray Hair to its natural Vitality and Color



A dressing which is at once agreeable, healthy, and effectual for preserving the hair. Faded or gray hair is soon restored to its original color with the gloss and freshness of youth. Thin hair is thickened, falling hair checked, and baldness often, though not always, cured by its use. Nothing can restore the hair where the follicles are destroyed, or the glands atrophied and decayed. But such as remain can be saved for usefulness by this application. Instead of fouling the hair with a pasty sediment, it will keep it clean and vigorous. Its occasional use will prevent the hair from turning gray or falling off, and consequently prevent baldness. Free from those deleterious substances which make some preparations dangerous and injurious to the hair, the Vigor can only benefit but not harm it. It wanted merely for a

HAIR DRESSING,

nothing else can be found so desirable. Containing neither oil nor dye, it does not soil white cambric, and yet lasts long on the hair, giving it a rich glossy lustre and a grateful perfume.

Prepared by Dr. J. C. Ayer & Co., PRACTICAL AND ANALYTICAL CHEMISTS, LOWELL, MASS. PRICE \$1.00.

THE PROVINCIAL MELODIST,

A NEW COLLECTION OF 202 Hymns and 82 Tunes, suitable for Sabbath Schools, Prayer Meetings and the Social Circle. Price 20 cents each, or \$2.00 per dozen. "CHRISTIAN MESSENGER" OFFICE, 59 GRANVILLE STREET, HALIFAX. Aug 12

WRIGHT'S

Patent Sectional Spring Bed!

THE Subscribers having been appointed Sole Agent 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

LADIES, (representing all associations, classes and ages)

Clergymen, Lawyers, Editors, Physicians, Merchants, Vocalists, and indeed representatives from all orders, and from every business pursuit, have been benefitted or cured by FELLOW'S COMPOUND SYRUP OF HYPOPHOSPHITES. Amongst the diseases overcome by the use of this remedy, are the following:—Chronic Constipation, Chronic Asthma, Chronic Consumption, Chronic Laryngitis, Nervous Debility, Chronic Dyspepsia, Chronic Bronchitis, Chronic Paralysis, Chronic Diarrhea, Melancholy.

Debility resulting from typhoid and other low fevers, Diphtheritic Prostration, Hysteria, Hypochondria, Amenorrhoea, Chlorosis, Anaemia, Leucorrhoea, Nervous Excitability, Mercurius, or Wasting of the Muscles, Aphonia, or Loss of Voice, Amaurosis, or Loss of Vision, Chorea, or St. Vitus' Dance, Sluggishness of the Liver, Interrupted and Feeble Action of the Heart, Suffocating Feelings caused by mucous obstructions of the Lungs and Air Passages leading thereto, and Debility from various causes, many of which appeared hopeless. For sale by Apothecaries at \$1.50 per Bottle, or \$10.00 per Dozen. Oct. 28.

REMARKABLE SUCCESS!!

The New Standard and Popular Work for Cabinet Organs and Melodeons!

CLARK'S NEW METHOD.

FOR REED ORGANS, THE BEST TEACHERS AND PLAYERS ARE USING IT.

Price \$2.50. Sent postpaid on receipt of price. OLIVER DITSON & CO., 277 Washington St., Boston. CHAS. H. DITSON & CO., 711 Broadway, New York. April 20.

FOR SALE.

A Farm containing 300 acres consisting of 40 or 50 acres of land, partly upland, and partly intervalle cleared and in a good state of cultivation. About twenty acres of intervalle and first-rate alder ground to clear situate on the banks of Stewiacke River, with a good Brook running through the intervalle, about ten rods from the House. The rest of the land is good wood land with a fine chance improvements.

There is good Dwelling House, a large Outhouse, a very large Barn 60 feet long, and in prime order. A never failing well inside the House, and a thriving Orchard consisting of Apple and Plum trees near the House, pleasantly situated. The terms of sale made easy. For further particulars apply to

JAS. E. SCOTT, Brookfield, Colchester Co. This is a splendid chance for an industrious man. The property is situated in the thriving settlement of Middle Stewiacke, 9 miles from Brookfield Railway Station. April 6.

The GOLDEN ROBIN may be had at the "Messenger" Office 59 Granville St. Halifax.

Fancy Cabinet Ware.

COMPRISING: CENTRE, CARD and TEPY TABLES, LADIES WORK TABLES & WRITING DESKS, PLAIN and ORNAMENTAL WHATNOTS, DRAWING ROOM ESCRITOIRES, MUSIC STANDS, BLACKETS, &c. Besides a large assortment of HALL, DINING DRAWING and BEDROOM FURNITURE, IRON BEDSTADS and BEDDING, CANE SEAT CHAIRS, &c., all of which the subscribers ask the favour of an inspection. McEWAN & CO., UPHOLSTERERS, 20 Barrington Street.

Just Published.

A SELECTION OF HYMNS AND SPIRITUAL SONGS, FOR USE IN Public Worship AND SOCIAL MEETINGS. Price 12 1/2 cents; or if sent by mail 4 cents additional per copy. \$10.00 per 100 copies. S. SELDEN, 59 GRANVILLE STREET, Halifax, N. S.

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.

PREMIUM VENETIAN BLINDS.

W. FRASER & SON

HAVING been appointed by the manufacturer of the above celebrated Blinds, sole Agents for Nova Scotia, the public are respectfully invited to call at their Ware Rooms 70 & 72 Barrington Street, Halifax, and examine Samples of different Styles and prices. They are the best and most durable, article in use for Bay Windows, Drawing Rooms, Dining Rooms, Halls, Conservatories, Public Buildings, &c. These Blinds are of different widths of slat, and trimmed with Worsted or Silk, with plain or carved cornice, to suit the taste of purchasers. Oct. 30.

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, five cents per quarter, for prepayment of postage.

RATES OF ADVERTIZING,

(PAYMENT IN ADVANCE.)

Table with columns for 1 wk, 1 mth, 3 mth, 6 mth, 1 yr. and rows for 1 square (1 1/4 inches) and 1 column.

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.