

a dozen at most. Timothy, red top, blue grasses, orchard grass, and clover make the entire list of grasses cultivated on 9 farms out of 10. While there are superior kinds, as a general rule, there are soils and conditions where other grasses would be more profitable, and in permanent pastures they would also increase the amount and quality, and prolong the grazing season.

HOUSEHOLD.

OATMEAL PUDDING.—A wholesome and excellent pudding is made of oatmeal. Mix the oatmeal with a little cold water; then stir it in boiling milk, in the proportion of three tablespoonfuls of oatmeal to one quart of milk; flavour, and let it cool in bowls or moulds, which you have first wet with cold water. Make a sauce to eat with this of cream and sugar, or jelly sauce made thus:—To half a pint of boiling water allow an ounce of sugar and two heaping tablespoonfuls of jelly; a teaspoonful of flour, corn starch, or sago should be dissolved in a little cold water and stirred in. Let this come to a boil and it is ready for the table.

HOW TO COOK AN OLD HEN.—Prof. W. Mattioli Williams gives us in Knowledge his practical experience with elderly poultry as follows: I may mention an experiment that I have made lately. I killed a superannuated hen—more than 6 years old, but otherwise in very good condition. Cooked in the ordinary way she would be uneatably tough. In stead of being thus cooked, she was gently stewed about four hours. I cannot guarantee to the maintenance of the theoretical temperature, having suspicion of some simmering. After this she was left in the water until it cooled, and on the following day was roasted in the usual manner, i.e., in a roasting oven. The result was excellent; as tender as a full grown chicken roasted in the ordinary way, and of quite equal flavor, in spite of the very good broth obtained by the preliminary stewing. This surprised me. I anticipated the softening of the tendons and ligaments; but supposed that the extraction of the juices would have spoiled the flavor. It must have diluted it, and that so much remained was probably due to the fact that an old fowl is more fully flavored than a young chicken. The usual farm house method of cooking old hens is to stew them simply; the rule in the Midlands being one hour in the pot for every year of age. The feature of the above experiment was the supplementary roasting. As the laying season is now coming to an end, old hens will soon be a drug in the market, and those among my readers who have not a hen roost of their own will oblige their poultry-terers by ordering a hen that is warranted to be four years old or upward. If he deals fairly, he will supply a specimen upon which they may repeat my experiment, very cheaply. It offers the double economy of utilizing a nearly waste product and obtaining chicken broth and roast fowl simultaneously.

One of the great advantages of stewing is that it affords a means of obtaining a savory and very wholesome dish at a minimum of cost. A small piece of meat may be stewed with a large quantity of vegetables the juice of the meat savoring the whole. Besides this, it costs far less fuel than roasting. The wife of the French or Swiss landed proprietor, i.e., the peasant, cooks the family dinner with less than a tenth of the expenditure of fuel used in England for the preparation of an inferior meal. A little charcoal under her bain-marie does it all. The economy of time corresponds to the economy of fuel for the mixture of viands required for the stew once put in, the pot is left to itself until dinner time, or at most an occasional stirring of fresh charcoal into the embers is all that is demanded.

It is said that eggs stored in dry ashes simply will keep perfectly for many months, and even in one instance have kept in good condition for an entire year. The only precaution seems to be that the eggs must not touch each other.

Watermelons make good vinegar.

SCIENCE.

A LOCKPORT N. S. INVENTOR.—The following description of an 'Oil Extractor,' patented by Mr. Freeman Payzant, of Lockport, Nova Scotia, in the New York Scientific American, in which journal it is accompanied by an illustrative engraving: A simple and efficient device for extracting oil from fish, liver or blubber, and which can be used on board vessels or on shore, has been recently patented by Mr. F. Payzant, of Lockport, Nova Scotia. A cylindrical furnace is provided with a grate below which is an ash pit. Air is admitted to the fire by a pipe entering the furnace below the grate and having its upper end, which is above the top of the furnace, provided with an adjustable hood for catching the air. The furnace is surrounded by a water jacket which can be filled by means of a funnel. The furnace is moved about by the aid of handles attached to it. It is placed upright in a tank, vat or tub containing the liver or blubber, and is held in place by suitable arms. To use the extractor the jacket is filled with water, and fire is started in the furnace. The heated water forces the oil from the liver or blubber and it rises to the surface, the livers sinking to the bottom of the vessel. The oil is then skimmed off, or removed by dippers, or is drawn off by means of a suitable faucet. The jacket must be kept full of water, as the direct heat from the fire will not extract the oil.

A GIGANTIC ORGAN.—The largest organ probably ever constructed was lately completed at Ludwigsburg. It is destined for the cathedral church at Riga. There are in it 7,000 pipes, 124 stops, with pedals, etc., proportionately numerous. A very complete "swell" arrangement allows the increase and diminution of sound to be effected with singular perfection and delicacy of effects. The filling of the pipes could not be carried out by organ blowers, but is effected by machinery worked by a gas engine of 4 horse power. This organ is 20 meters high, 11 broad, and 10 deep (about 65 ft., 36 ft., and 33 ft. respectively). The largest wooden pipe is 10 meters (32 ft.) high and its cubic contents are 70-6 cubic ft; while by a curious contrast the smallest pipe is made only a centimeter and a half high, and is attached to the greatest one.

THE town of Butler, Pa., uses natural gas for illumination and for fuel. The whole town is supplied by one well.

Salt, if applied immediately will, surely prevent ink stains.

VARIETIES.

A man whose best works are always trampled under foot,—a carpet manufacturer.

Pray more and worry less.—D. L. Moody.

An English bride, Miss Jessel, has had a wonderful wedding cake. On top, done in sugar, was a representation of the meeting of Rebekah and Abraham's servant at the well, the grouping modelled after Vernet's celebrated picture. The cake was four feet high, and weighed 227 pounds. The cover or top lifted off, so that the cake could be cut.

Together they were looking over the paper. "O my, how funny," said she. "What is it?" he asked. "Why, here's an advertisement that says, 'No reasonable offer refused.' 'What's so odd about that?' 'Nothing, nothing,' she replied, trying to blush, 'only those are exactly my sentiments.'

A Baltimore judge has just decided that a man is liable under a law of Maryland for slanderous words uttered by his wife, and a Mr. Scholes, of that city, has had to pay \$105 because Mrs. Scholes had said unkind things of a Mrs. Mache.

'How do you know when a cyclone is coming?' asked a stranger of a western man. 'Oh, we get wind of them,' was the answer.

Many a woman who does not know even the multiplication table can 'figure in society.'—Yonkers Statesman.

'Emily R. Miner is my heir,' is the entire will of a Pennsylvania who didn't want any legal gibberish in his papers.

thrown back, and her eyes 'pierced the upper air like one in a dream.' At her first word there was a profound hush. She spoke in deep tones, though not loud, which reached every ear in the house. Here are some of the words she said, and they will serve to show how powerful and original a character was this full blooded African woman, and how justified her fame was:—

'Dat man ober dar say dat wimin need to be helped into carriages, and lifted ober ditches, and to hab de bes' place eberywhar. Nobody eber helps me into carriages, or ober mud-puddles or gibbs me any bes' place!' And, raising herself to her full height and her voice to a pitch like rolling thunder, she asked, 'And ain't I a woman? Look at my arm!' (and she bared her right arm to the shoulder, showing her tremendous muscular power.) 'I have plowed and planted, and gathered into barns, and no man could head me. And ain't I a woman? I could work as much and eat as much as a man—when I could get it, and bear the lash as well! And ain't I a woman? I have borne thirteen children, and seen 'em mos' all sold off to slavery, and when I cried out with my mother's grief, none but Jesus, heard me. And ain't I a woman?'

'Den dey talks 'bout dis ting in de head—what dis dey call it?' (Intellect, whispered some one near.) 'Dat's it honey. What's dat got to do wid wimin's righ's or nigger's righ's? If my cup won't hold but a pint, and yourn holds a quart, wouldn't ye be mean not to let me have my little half measure full? Den dat little man in black dar,—he says women can't have as much rights as men, because Christ wa'n't a woman! Whar did your Christ come from? Rolling thunder could not have stilled that crowd as did those deep, wonderful tones, as she stood there with outstretched arms and eyes of fire. Raising her voice still louder, she repeated: 'Whar did your Christ come from? From God and a woman! Man had nothin' to do wid him!'

FARM AND GARDEN.

The Dominion Exhibition was held in Halifax in the year 1881. In 1885 it may be reasonably hoped that it will be again accorded to this Province, if sufficient effort is made to prepare for it. Let us hope that the City Council of Halifax, or some other public body, profiting by the lessons of the past, will catch old Father Time by his forelock, and not leave us to run after his bald head as we had to do on the previous occasion.

With regard to our Provincial Exhibitions, it might be well to consider, this winter, whether some system could not be devised whereby the several Maritime Provinces might unite their forces, so as to hold a Maritime Provincial Exhibition every year instead of separate Provincial Exhibitions at longer intervals. The United Exhibition might be held in rotation in Prince Edward Island, New Brunswick and Nova Scotia. Thus once every three years there could be a Maritime Exhibition in each Province, and the District Exhibitions could go on as at present. One essential feature of Maritime Exhibitions would be that the Rules and Prize List would be drawn up and carried out under direction of representatives from every Province, and another that all arrangements should be made in time to give distant exhibitors as good opportunity to prepare as residents in the locality.—N. S. Journal of Agriculture.

The milking capacity of the goat has been so highly developed in France that the yield sometimes reaches the astonishing amount of seven quarts a day.

A toad is one of the best 'insecticides' one can have in his garden. These expert and capacious creatures are considered so valuable in England that there is a steady market for them at \$15 to \$20 per hundred, for use in gardens and on farms. The chief source of supply for the London market is Austria.

The Ohio Farmer says:—Farmers should study grass more. Ascertain what species grow naturally on the farm and study their character. Observe which stands drought best, which prefers a dry or wet soil, which stock like best and which they thrive on best. There is no doubt that we lose much every year by neglecting to cultivate those grasses naturally adapted to our soils. Over 200 species are cultivated in England, while we confine ourselves to



GATES' INVIGORATING SYRUP. This preparation is well known throughout the country as the best family medicine before the public, and should be kept in every household. For coughs and colds, a little night and morning will soon break them up. For dyspepsia it gives immediate relief. For irregularities of the bowels nothing can be found to excel, as it causes no gripping nor pain. For asthma and palpitation of the heart one swallow gives instant relief. Sick headache, stomach and pin worms yield at once. It is in fact an invigorator of the whole system, whereby a regular of the late circulation is maintained. It has been well tested already and will do all that we say it will do. Price only 50 cents. Sold everywhere. Sept. 26.

THE KEY TO HEALTH. BURDOCK BLOOD BITTERS. Unlocks all the clogged avenues of the bowels, kidneys and liver, carrying off gradually without weakening the system, all the impurities and foul humors of the secretions; at the same time Correcting Acidity of the Stomach, curing Bileusness, Dyspepsia, Headaches, Dizziness, Heartburn, Constipation, Dryness of the Skin, Dropsy, Dimness of Vision, Jaundice, Salt Rheum, Gout, Rheumatism, Scrofula, Fluttering of the Heart, Nervousness and General Debility; all these and many other similar Complaints yield to the happy influence of BURDOCK BLOOD BITTERS. Sample Bottles 10c; Regular size \$1. For sale by all dealers. Wm. J. Gossip, Proprietors, Toronto Oct. 4. year

Rev. Father Wilds' EXPERIENCE. The Rev. F. P. Wilds, well-known city missionary in New York, and brother of the late eminent Judge Wilds, of the Massachusetts Supreme Court, writes as follows: "78 E. 54th St., New York, May 16, 1882. MESSRS. J. C. AYER & Co., Gentlemen: Last winter I was troubled with a most uncomfortable itching—humor affecting more especially my limbs, which itched so intolerably at night, and burned so intensely, that I could scarcely bear any clothing over them. I was also afflicted with a severe catarrh and catarrhal cough; my appetite was poor, and my system a good deal run down. Knowing the value of AYER'S SASSAPARILLA, by observation of many other cases, and from personal use in former years, I began taking it for the above-mentioned disorders. My appetite improved almost from the first dose. After a short time the fever and itching were always, and all signs of irritation of the skin disappeared. My catarrh and cough were also cured by the same means, and my general health greatly improved, until it is now excellent. I feel a hundred per cent stronger, and I attribute these results to the use of the SASSAPARILLA, which I recommend with all confidence as the best blood medicine ever devised. I took it in small doses three times a day, and used, in all, less than two bottles. I place these facts at your service, hoping their publication may do good. Yours respectfully, Z. P. Wilds."

Ayer's Sarsaparilla cleanses, enriches, and strengthens the blood, stimulates the action of the stomach and bowels, and thereby enables the system to resist and overcome the attacks of all Scrofulous Diseases, Eruptions of the Skin, Rheumatism, Catarrh, General Debility, and all disorders resulting from poor or corrupted blood and a low state of the system. PREPARED BY Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all Druggists; price \$1, six bottles for \$5.

AYER'S CATHARTIC PILLS. Best Purgative Medicine euro Constipation, Indigestion, Headache, and all Bilious Disorders. Sold everywhere. Always reliable. Feb. 7. 1y.

HALIFAX STEAM DYE WORKS, 566 Upper Water Street, (Opposite H. M. Naval Yard) Established 1871. JOHN HUBELEY, Proprietor.

COATS, Pants, Vests, Shawls, Sacques, Dresses, Clouds, Curtains, Table Cloths, Cashmere Shawls, &c., Cleaned and Dyed to look like new. Silk Ribbons, Scarves, Crapes Shawls, Satin Neckties, &c., Dyed all Colours. FEATHERS DYED AND CURLED. Gents Garments cleaned and pressed, Goods damaged by fire or water, faded or soiled, Coats Dyed to look like new. Mourning Dyed at the shortest notice. Gents Garments and Ladies Dresses, all wool, Dyed and Pressed whole, without ripping. AGENTS—MISS CAROLINE LAWSON, 87 Barrington Street, MR. G. STREET, 100 Gerrish Street. JOHN HUBELEY, 566 Upper Water Street, Cheapest Place in the city for Dyeing, Oct. 12.

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Important trial of THIRTY YEARS decided, and a jury of half a million people have given their verdict that MINARD'S LINIMENT!

Is the best inflammation allayer and Pain destroyer in the world. 500 Medical men endorse and use it in their practice, and believe it is well worthy the name, KING OF PAIN!

\$100 will be paid for a case it will not cure or help of the following Diseases: Diphtheria and Rheumatism; Scalds, Chilblains, Galls, Bolls, Sprains, Lumbago, Bronchitis, Burns, Toothache, Broken Breasts, Sore Nipples, Felons, Stings, Frost Bites, Bruises, old Sores, Wounds, Earache, Pain in the Side or Back, Contraction of the Muscles. There is nothing like it when taken internally for Cramps, Colic, Croup, Colds, Coughs, Pleurisy, Hoarseness, and Sore Throat. It is perfectly harmless, and can be given according to directions without any injury whatever.

A Positive Cure for Corns and Warts, And will produce a fine growth of Hair on bald heads in cases where the Hair has fallen from disease, as thousands of testimonials will prove. A trial will convince the most sceptical that the above is true. Send us for testimonials of distinguished men who have used.

MINARD'S LINIMENT And now have a beautiful crop of Hair; and hundreds who have used it are willing to swear that by the use of Minard's Liniment they have obtained a new growth of Hair. W. J. NELSON & Co., Proprietors, Bridgewater, N. S. Wholesale agents—Forsyth, Sutcliffe & Co., and Brown & Webb, Halifax. Feb. 14.

Paper Hangings AT WM GOSSIP'S, UNITED SERVICE Book & Stationery Warehouse, NO. 103 GRANVILLE ST., HALIFAX, N. S. My importations of

ROOM PAPER

This season are very attractive. They are in time to escape the additional protective duty imposed by the Dominion Government, and will be sold at correspondingly low rates.

SOLD WHOLESALE by the bale of four or five hundred rolls, about twenty patterns in a bale, from 6 cts. a roll and upward. Send to William Gossip, No. 103 Granville Street, Also just received, a large assortment of Artists' Materials, Oil and Water Colours, &c. Drawing Paper, Canvases, Brushes, &c., &c. March 22.

1872 MUSIC CARD, 1883

The Gates' Organ and Piano Company, (Limited) Capital \$40,000—Encourage Home Enterprise.

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"SUDDS" Famed 190 page Organ Instructor only \$2.50. "New 300 page Piano Instructor only \$3.50 and \$2.00.

The Musical Journal published monthly by the Company, (120 pages New Music). Price only 60 cents per annum. Jan. 31.

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HALF PRICE—Books of Religious Tract Society, London; STRONGEST BINDING, SUPERIOR TYPE Sold both through the Depository and the Society's Colporteurs in lots to suit the Schools.

50 Volumes for from \$6.00 to \$8.00 The Committee have been selecting from the leading Publishing Houses of Great Britain and America for 15 years the choicest S. S. publications, and have made a speciality of Libraries, Periodicals, Lesson Helps, Cards, etc.

PELOUBET'S SELECT NOTES ON INTERNATIONAL S. S. LESSONS, postpaid \$1.25. HACKETT'S COMMENTARY ON ACTS, edited by Dr. Hovey, of Newton, postpaid, \$2.

People's Home Mission Agency. The Society has been in operation 15 years. Colporteurs to the number of 102 have been employed, who have distributed Bibles and good books worth \$141,236 by sale, and books and tracts valued at \$10,061 by grant. Total grants by the Society, including those from Depot, more than \$16,000 worth. Time served by the Colporteurs equals that of one man for 142 years. Labrador, Newfoundland, Cape Breton, P. E. Island, Nova Scotia, New Brunswick, and a portion of Quebec have been explored. There have been found 1,525 families without God's Word; 2,682 families with no other religious book; and 2,545 families who habitually neglect attending any place of worship. The 26 Colporteurs employed in 1882 performed labor equal to that of one man for 12 1/2 years; found 205 Protestant families without Bibles, 279 with no other religious books, and 873 families who never enter the House of God. They sold books worth \$13,832, and made free grants to the value of \$913, as they made 31,879 family visits, and held 625 religious meetings.

The books circulated are sound and good, teaching the RUIN of man by the fall, REGENERATION by the Holy Spirit, and REDEMPTION through our Lord and Saviour Jesus Christ. They are eminently designed to spread abroad Divine truth, and they are accepted by those that in every place call upon the name of the Lord. They give no uncertain sound upon the essential doctrines of the Cross: Justification through the blood of the Redeemer, holiness through the sanctification of the Spirit, and complete redemption through God's grace alone. Books and tracts designed especially to awaken the impatient and point to Jesus are imported in great numbers. Almost 10,000 "Come to Jesus" were distributed last year.

The prayers of all God's people are earnestly requested for the Spirit's power to accompany the reading of the books and the evangelistic efforts of the Colporteurs. A copy of the last Annual Report, giving much interesting information and copious extracts from the Colporteurs' reports, will be sent on application to the Secretary.

American Baptist Publication Society.

As advertised last year, we continue to order the publications of the above Society upon which we allow a discount of FIFTEEN per cent, excepting periodicals, from the catalogue prices. As compared with the issues of the British houses these books are expensive. Catalogues will be supplied upon application, and those ordering can decide for themselves.

The Psalmist, published in the United States for 55 cents, we continue to sell for 75 cents. From our Depot and through Colporteurs about 5,000 Psalmists have been already sold.

Donations to Dec. 31st, 1882, in aid of Colportage, \$40,127; amount paid by Society to Dec. 31st, 1882, for Colportage, \$68,250.

Patronize the Depository and thus aid Colportage, to which all accruing profits are applicable. Jan. 31. 1y.

THE GEM PHOTOGRAPH ALBUM.

Each album is in a handsome binding, and on the front cover is a hand painting of a bunch of flowers. Nothing is more appropriate as a gift or more pleasing to possess than a photograph album. How pleasant to look at the faces of friends and acquaintances, bringing up pleasant memories of those who are perhaps far away, or may have long since departed. In order to meet the increasing demand for these goods, we have imported a large stock, and offer them at the following low prices. Price, 10 cts; 3 for 25 cts; 12 for 75 cts. Sent by mail, post-paid. Agents wanted for visiting cards, books, and novelties. 12 fine samples and outfit for 8c. stamp. Return this slip and address

A. W. KINNEY, Yarmouth, N. S. Oct. 3. till Dec. 25.