

FARM AND GARDEN.

The seven days test of the Jersey cow, Value 2nd. 6,844, owned in Baltimore, was completed on the 28th ult. The cow was milked at intervals of eight hours, yielding 327 pounds of milk, from which was produced 25 pounds 2 11-12 ounces of butter. The cow was bred in New Jersey, and is pronounced the best butter producing cow in the United States.

HOW TO MAKE COWS GIVE MILK.—A writer in the Southern Farmer says, that his cow gives all the milk that is wanted in a family of eight, and that from it, after taking all that is required for other purposes, 260 pounds of butter were made this year. This is in part his treatment of the cow. If you desire to get a large yield of rich milk give your cows every day water slightly warmed and slightly salted, in which bran has been stirred at the rate of one quart to two gallons of water. You will find, if you have not tried this daily practice, that your cow will give twenty-five per cent. more milk immediately under the effects of it, and she will become so attached to the diet as to refuse to drink clear water unless you add a little salt. But this mess she will drink almost any time and ask for more. The amount of this drink necessary is an ordinary water pail at a time, morning, noon and night.

STAYING QUALITIES OF COWS.—The length of time that a young heifer keeps in milk after her first calf is likely to measure her staying qualities for all after life. For this reason young heifers should have their first calf in the fall. By good care and ensilage food in winter an abundant flow can be established, which can more easily be kept up the next summer. If heifers calve in the spring they are very liable to dry early in the next fall.

In sowing buckwheat, care should be taken not to sow too thickly. Three pecks is enough seed on fair land, and on rich soil a half bushel is better. With plenty of room the plants assume a spreading habit, and the grain is more apt to be plump than where the crop is crowded.

A famous horse breeder of France has reared his stock for twenty years on a diet of parsnips, instead of carrots and oats, with the result of "great vivacity of spirit and sleekness of coat"—conclusive evidence of healthful condition. The yield is about twelve tons per acre.

An exchange says there is from nearly all parts of the country a complaint that the apple crop is a failure. It is becoming a serious question whether the farmers of some sections can longer grow apples to a profit. The answer is that they probably cannot without such attention to manuring and fighting of insect enemies as has heretofore been given only by the professional fruit culturist.

Dr. Sturtevant some time ago stated that grains from the tips of ears of corn produced more sound grain and a larger quantity than those from the centre or butts, and assigned as the reason that the tip kernels had more room to develop and swell into a round form. A correspondent of the Country Gentleman has further tested this explanation by taking grains from any part of the cob where their full development has been permitted.

Do not prune, manure, or cultivate pear trees during the summer. Cultivate and prune early in the spring and apply fertilizers in the fall.

Sheep often go a long time without drinking, especially if in a pretty good pasture, and the dew is heavy so that they can fill up with wet grass in the morning, but when they do want to drink, water is as necessary to their health and comfort as to that of any other animals. Therefore, keep a supply of pure water in the sheep pastures as much as in any other, and if the sheep do not drink from it, give them a little salt once a week. They should have salt as often as once a week under any circumstances.

If corn is fed whole to animals, it is a good plan to soak it in water from twelve to twenty-four hours. This will improve its digestibility, and when the farmer is far from a mill it is an economical substitute for grinding.

OATS.—Oats are better to be cut before they are fully ripe. When left till fully ripe the crop is liable to be shed by a high wind. The straw of the oats is far better for fodder than that of wheat or barley, especially when early cut. Sometimes the oat straw properly harvested has nearly the feeding value of hay.

The causes of sickness among farmers are summarized in a Massachusetts Health Report to the following effect: "1. Overwork and exposure; the women being more frequently overworked. 2. Improper and improperly cooked food. 3. Damp location of dwellings. 4. Want of cleanliness about their houses, especially in reference to drains, privies, cellars, and proximity to barn-yards and hog-pens. 5. Impure drinking water, largely due to the preceding cause. 6. Bedrooms imperfectly ventilated, and on a floor, with the stove, and rather beds. 7. 'Reaction'."

HEALTH HINTS.

WHEN TO BATHE.—A great deal of out-door bathing is being indulged in at this season, and not infrequently to an injurious excess, or under conditions unfavorable to securing the best physical results from the exercise. The subjoined hints from that good medical authority, the London Lancet, may help bathers to avoid some errors in taking their baths, and escape some perils to which the inexperienced are liable to expose themselves: If the water be chilly, or there be a cold wind so that the body may be rapidly cooled at the surface while undressing, it is not safe to bathe. Under such conditions the further chill of impression in cold water will take place at the moment when the reaction consequent upon the chill of exposure by undressing ought to occur, and this second chill will not only delay or altogether prevent the reaction, but convert the bath from a mere stimulant to a depressant, ending in the abstraction of a large amount of animal heat, and congestion of the internal organs and nerve centres. The actual temperature of the water does not affect the question so much as its relative temperature as compared with that of the surrounding air.

The aim must be to avoid two chills; first, from the air, and second from the water, and to make sure that the body is in such condition as to secure a quick reaction on emerging from the water, without relying too much on the possible effect of friction by rubbing. It will be obvious, therefore, that both weather and wind must be carefully considered before bathing is begun, and that the state of the organism as regards fatigue, and the force of the circulation should also be considered, not merely as regards the general habit, but the special condition when a bath is to be taken. These precautions are eminently needful in the case of the young or weakly.

HOUSEHOLD.

PEANUT CANDY.—Peanut candy is made of two cups of molasses, one cup of brown sugar, one tablespoonful of butter, one of vinegar; while it is boiling remove the shells and the brown skin from the peanuts, lay them in buttered pans, and when the candy is done pour it over them. While it is still warm cut it in blocks.

VARIETY JELLY.—A pretty way to vary orange jelly is, after making the jelly in the usual way, to fill the mould half full with the jelly and lay slices of orange in and cover with the rest of the jelly. Pineapple jelly is also very nice with grated pineapple put in in this way.

There must have been some lady tricyclists, for there are tricycle costumes out on the same principle as the riding habit now worn, with space for the raised knee, so that the skirt will not draw up with the necessary movement to propel the machine. These costumes are made of any light-weight wool fabric.

SCIENCE.

AN INEXHAUSTIBLE FISH SUPPLY.—In the opening lecture before the Fisheries Conference, in London, Professor Huxley presented facts substantiating his statement that in fishing districts an acre of sea was more profuse in food production than an acre of land. He said that he had no doubt that there were some fisheries which were inexhaustible. Instancing the salmon rivers, he said it was quite clear that those who would protect the fish must address themselves to man, who was reachable by force of law, and that it not only might be possible, but it was actually practicable to so regulate the action of man with regard to a salmon river that no such process of extirpation should take place. But if we turned to the great sea fisheries, such as cod and herring fisheries, the case was entirely altered. He believed that the cod, herring, pilchard, mackerel, and similar fisheries were inexhaustible, and were entirely beyond the control of man, either to diminish the number of fish or to increase them by cultivation. But there were sea fisheries capable of being cultivated and controlled, in part at least, by man.

In boring an artesian well in the Santa Clara Valley, California, the stump of a redwood tree was met a distance of 281 feet from the ground surface. The point where the tree was struck is 84 feet above tide water, from which it is distant eight miles, and the depth at which the wood was reached is much greater than that of the water in the bay.

Timber should not be cut in early spring, as the wood is then full of sap. Whenever the foliage is greatest, during July or August, is the best time, and the hot weather being favourable for seasoning, timber keeps sound longer.

A factory in Maine uses up in a year a thousand cords of poplar and birch in the manufacture of tooth-picks.

VARIETIES.

A Scotch minister said recently, somewhat sarcastically, of a toper, that he put an enemy in his mouth to steal away his brains, but the enemy, after a thorough and protracted search, returned without anything.

A boy of eight years was asked by his teacher where the zenith was. He replied: "The spot in the heavens directly over one's head." To test his knowledge further, the teacher asked: "Can two persons have the zenith at the same time?" "They can." "How?" "If one stands on the other's head."

A crabbed old bachelor says: "When rain falls, if she gets the bigger half of the umbrella they are lovers; if he takes the bigger half, they are married."

A New England editor, just returned from Niagara Falls, refers to the obliging hackmen of that famous resort as a "mercenary swarm of human mosquitoes."

A little Maine girl writes: "I can harness and unharness a horse; last summer I drove a horse to haul in 20 tons of hay. I can read music and play on the organ, and sew on the sewing machine. I am eleven years old."

Wonder how many Nova Scotia "little girls" can do all this.

What is beauty? Not the show of shapely limbs and features. No. These are but flowers. That have their dated hours To breathe their momentary sweets, then go. 'Tis the stainless soul within That outshines the fairest skin.

"Jacob, is there much difference between sea and saw?" "Yes, the difference between sea and saw is in tense."

A swimming teacher says it is a curious fact that women can float on water more easily than men. This may be because their feet are lighter, although some people will be mean enough to say that the real fact is that constant talking develops her lungs and thus renders her body lighter in the water.

Girls we love for what they are; young men for what they promise to be.

Many a heart would be cheered if it would repeat these lines twice a day:— The seed we sow within the soil to-day The morrow's sun will ripen into grain: The deeds we do within this mortal clay Are steps by which the summit we may gain, To-morrow.

If you don't want evil things said of you, don't do evil things. It is a poor policy to grow feathers for your enemy's arrows.

WANZER Sewing Machine. BEST IN THE WORLD.

Awarded First Prize wherever exhibited.

Used and recommended by the leading DRESSMAKERS, TAILORS and SHOE-MAKERS.

THE WANZER MACHINE for FAMILY SEWING is the easiest running and quietest Sewing Machine made, and has more improvements than any other Sewing Machine.

Price List and Circular sent free on application.

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Branch Office and sub-agents throughout the province. July 18. 1 y.

18 GEORGE STREET, 18 SMITH & CHISHOLM. 1883. SPRING & SUMMER, 1883

GENTS' GARMENTS Of every description made up at short notice and moderate prices. Satisfaction guaranteed or no sale.

New and Fashionable Cloths, Tweeds and Worsteds! A Full Line Carefully Selected. ALSO—LADIES' Sacques & Ulsters Made from the latest patterns and most fashionable designs. June 20.

AYER'S PILLS.

A large proportion of the diseases which cause human suffering result from derangement of the stomach, bowels, and liver. AYER'S CATHARTIC PILLS act directly upon these organs, and are especially designed to cure the diseases caused by their derangement, including Constipation, Indigestion, Dyspepsia, Headache, Dysentery, and a host of other ailments, for all of which they are a safe, sure, prompt, and pleasant remedy. The extensive use of these PILLS by eminent physicians in regular practice, shows unmistakably the estimation in which they are held by the medical profession.

These PILLS are compounded of vegetable substances only, and are absolutely free from calomel or any other injurious ingredient. A Sufferer from Headache writes: "AYER'S PILLS are invaluable to me, and are my constant companion. I have been a sufferer from Headache, and your PILLS are the only thing I could look to for relief. One dose will quickly move my bowels and free my head from pain. They are the most effective and the easiest pills I have ever found. It is a pleasure to me to speak in their praise, and I always do so when occasion offers." W. L. PAGE, of W. L. Page & Bro., Franklin St., Richmond, Va., June 3, 1882.

"I have used AYER'S PILLS in numerous instances as recommended by you, and have never known them to fail to accomplish the desired result. We constantly keep them on hand at our home, and prize them as a pleasant, safe, and reliable family medicine. FOR DYSPEPSIA they are invaluable." J. T. HAYES, Mexia, Texas, June 17, 1882.

The REV. FRANCIS B. HARLOWE, writing from Memphis, Ga., says: "For some years past I have been subject to constipation, from which, in spite of the use of medicines of various kinds, I suffered increasing inconvenience, until some months ago I began taking AYER'S PILLS. They have entirely corrected the obstinate habit, and have vastly improved my general health."

AYER'S CATHARTIC PILLS correct irregularities of the bowels, stimulate the appetite and digestion, and by their prompt and thorough action give tone and vigor to the whole physical economy.

PREPARED BY Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all Druggists.

YOUNG, OLD, AND MIDDLE-AGED. All experience the wonderful beneficial effects of Ayer's Sarsaparilla. Children with Sore Eyes, Sore Ears, or any scrofulous or syphilitic taint, may be made healthy and strong by its use. Sold by all Druggists; \$1, six bottles for \$5. Feb. 7. 1 y.

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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.

AGENT—MISS CAROLINE LAWSON, 123 Barrington Street, opposite St. Paul's Church. JOHN HUBELEY, 566 Upper Water Street, Cheapest Place in the city for Dyeing. Oct. 12.

30 YEARS! Imporant 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, Chills, Colds, Hoarseness, 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 \$60,000—Encourage Home Enterprise.

Prof. C. E. Gates, President; W. J. Gates, Manager; G. O. Gates, Superintendent. Factory TRURO, Warehouses HALIFAX & TRURO, N. S.

FOR SALE.—Pianos, Organs, Music Stools, Sheet Music, Music Books, and all kinds of Musical Instruments. Pianos and Organs fully warranted. "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.

EDITORIAL NOTICE

During Convention and Associations we want to introduce BUDS & BLOSSOMS,

so as to end the seventh year with an enlarged list. "Buds and Blossoms and Family Greetings" as a magazine for church and home must win its way both on account of quality and price.

See what others say! BUDS AND BLOSSOMS is the title of a neat and attractive illustrated religious monthly magazine, published in Halifax, N. S., and edited by Rev. J. F. Avery, pastor of the Third Baptist Church of that city. It is now in its seventh volume, and does credit to both publisher and editor. It is such a periodical as will prove a blessing in any family where it is taken and read.—N. Y. "Watch Tower."

"J. F. AVERY, of Halifax, editor of BUDS & BLOSSOMS, sent us a copy of his magazine. We are very much pleased with it. It is a nearer approach to the English magazines of the same class than anything published here. Its ILLUSTRATIONS are good and its reading matter such as must do good. We wish it success."—"Canadian Baptist."

Fully illustrated, 38 pages, price 75 cents a year, specimen for a 3 ct. stamp. May 30.

\$72 A WEEK. \$12 a day at home easily made. Costly outfit free. Address TRUE & Co., Augusta, Maine Sept. 29, 1880.

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Sunday School Headquarters.

BRITISH AMERICAN BOOK AND TRACT SOCIETY, Depository, 117 Granville St., Halifax, Secretary and Superintendent of Colportage, A. N. ARCHIBALD.

Ample supply of the best and most popular Sunday School Books published. 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 specialty 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 \$10,081 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 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 \$13,632, and made free grants to the value of \$913, as they made \$1,679 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 distributed especially to awaken the impenitent 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 85 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, \$63,250.

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

CARD.

BEING in possession of a valuable remedy for Asthma, Hay Fever, Phthisis, Bronchitis and all difficulty in breathing, I have consented after numerous solicitations to make it known. Any individual so suffering can get valuable information by addressing REV. G. FRED. DAY, Musquodoboit Harbor, N. S. May 9.