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FARM AND GARDEN.

How to deal with the Potato

several counties of the Province. Its history and habits have been much written about during the last ten years. Here we give briefly the remedies that may be at once applied on the appearance of the Beetle on the Potato vines.

such as a milk pail, coal scuttle, or widemouthed kettle or pot, and, walking along the drills, strike the potato vines with a shingle, lath or other light flat stick, holding the vessel so that the beetles will fall into it. When a sufficient quantity has been collected, boiling water or kerosene can be poured into the vessel. Should some crawl up the sides, a tap of the stick will cause them to fall back.

2. Dust Paris Green (to be obtained at the Drug Store) over the potato vines while the dew is on them. Paris Green is an arsenical poison, should be handled with care, and kept away from children, careless servants, and domestic animals.

3. A better mode of using the Paris Green is to put it into water, - one or two teaspoontuls to a pail of water. Stir occasionally, and sprinkle the potato vines by means of a whisk or small broom. The advantages of this method are that less of the poison is required," and it can be applied in the heat of the day as well as in morning and evening. 4. London Purple may be used instead of Paris Green .- Journal of Agriculture.

The reports on the crops of Nova Scotia given in the last Journal of Ag riculture show that the appearance for apples-is not favorable-in many places only half a crop may be expected. Potatoes promise well in all parts of the province. Hay and oats are good. Of wheat there is less sown than last year, but what there is looks well. Corn for ensilage is promising. The experiments in the way of silos have been highly satisfactory.

JUDGING A HORSE.—In judging a

OLD CATTLE NOT PROFITABLE .than deteriorate, by lapse of time. will be required to replace old cows joint retained its free motion. and old horses; besides, the returns from animals past their prime are always much less, while their cost of keeping is often greater than in the case of young stock.

CUTTING AND CURING CLOVER .-If " Hay Caps" are used this will part which is exposed to the weather. not be necessary. When ready for housing or stacking, if the cocks do not seem sufficiently cured, they may of thirteen years longer than men. be opened out slightly, but it should have no long exposure to sun so as to become dry and brittle. The sweating process, which it goes through in the cock will prevent in cured clover is a valuable forage

should be frequently dipped in car- minute quantities, not to exceed in 161 hours, stopping for breakfast and

five or six days old take them off it is injurious, not only hardening the cow, and feed them, lightly at the fibers of the meat, but arresting first; when ten or twelve days old, digestion and irritating the walls put a handful of wheat bran in the of the stomach. Some pieces of We regret to find that the much pail. As they grow older, add to meat were placed in a vial of artifidreaded Potato Beetle has appeared in their feed. yet there is more danger | cially prepared gastric juice after of hurting by feeding too much than they had been soaked a few hours in not enough. When two months wine, brine, etc.; the piece soaked old turn them to grass. When in wine dissolved, or was digested, brought to the barn in the fall, feed at once, followed by the piece soaked with two parts of wheat bran and in vinegar, while a piece soaked in 1. Take a deep fin or iron vessel, one part of Indian meal, about one brine, and one left untouched, requart per head daily. In the spring quired a long time before an imperthey come out like two-year-olds. fect digestion took place. Never feed sour milk, nor buttermilk, though new milk is not objectiorable. - Cor. New England Presbyterian Synod has passed the Homestead.

> An Itlinois farmer employs ants to rid his potato patch of bugs. This fighting fire with fire. He carries old pieces of wood in which ants have made their home to the field and leaves them to do their work. Last year says correspondent of the New York Herald the ants domiciled in two fence posts, cleared the beetles off a quarter of an acre patch, and the number of beetles

Instead of producing fruits and vegetables at a higher cost than the ruling prices in the market, a resort commonly expected of theorists in agriculture, Amberst College is able to sell them profitably at figures that defy competition. The farmers of the region claim that the college has no right to do this especially when they have been paying taxes yearly to meet the interest on yourself in deep water you will sink the bonds ever since the college was

SALT IN THE MANURE HEAP. - WE have found a little salt sprinkled on manure heap one of the best applications both for summer and winter. In warm weather it attracts moisture and keeps the manure from fire-fanging or burning from excessive fermentation, In winter it keeps the heap from freezing solid and at any season it makes the manure more soluble.

SCIENCE.

In North Carolina a white delicate horse he should always be made to girl had her hand completely severed stand still. Defects in the limbs or from the arm by an axe. The phyfeet that would be unnoticed while sician, not being in a condition to in motion will be plainly seen by amputate the arm above the wrist his care to rest weak or diseased replaced the hand, secured it with muscles when standing. If perfectly | silver stitches and adhesive plaster, sound he will stand firmly on all his and having bound both arm and legs, the feet flat on the ground and hand to a broad splint, ordered them without moving. If one heel is to be kept warm with hot flannel raised disease of the mavicular bone | cloth. The third day pulsation or at least tenderness, is probable. could be plainly felt in the hand, which had also changed its colour. Says the physician in charge: "I re-So far as possible the farmer should moved the sutures on the fourteenth keep around him young stock, the day, and afterwards she carried the value of which will increase, rather | hand in a sling, and is now-three months after the accident—able to If he does not do this more of his extend the fingers and grasp with apparent profits than he is aware of nearly the usual strength." The

PREPARING SHINGLES .- Shingle are said to last much longer and are prevented from warping in dry weather, thus causing a leaky root if they are covered with a whitewash made by adding slaked quicklime Clover for hay should be cut when to a moderately strong brine; some fairly in full bloom, and as soon as would add sand or whiting to the the first heads begin to turn brown. whitewash, but the advantage of If allowed to stand longer the stock | doing so is doudtful. If the white becomes woody and the lower leaves | colour is objected to for the roof, dry and fall off. As soon as fairly any painter can give instructions for wilted it should be placed in the cock | changing to any tint desired, from and wholly cured in this way. Spe- a flaming red to a delicate stone cial care should be taken in build- colour. Some prepare their shingles ing the cocks, making them compact by dipping them in the wash before and in the tops well rounded and laying, but this entails extra labour, pressed down, as clover will not and is but little, if any better, as all shed rain so well as ordinary hay. that is needed is to protect that

In France women live an average

HEALTH HINTS.

SEASONING AND DIGESTION .- An interesting report was read at the a great measure the after sweating last meeting of the Academie des cold. in the mow or stack. When so Sciences describing some experiments with salt and other seasonings farm house, not merely as a disin- announced by what pleases the taste. fectant, but as a wash for wounds Salt in particular stimulates the and sores. For any purpose it appetite, excites the secretion of should be diluted with water. Its the gastric juice and aids in its straw hat has been wet and the stiffpower to destroy fungus growths formation, as the chlorhydric acid ness has departed, rub a little white of makes carbolic acids invaluable in into which it changes in the stomach pruning orchards of pear, plum, or is one of the principal ingredients peach, where blight or other disease of the gastric juice. These results is suspected. The pruning shears only follow when the salt is in five or ten grains to one-half kilo-

How to RAISE CALVES .- When gram of meat; above this amount

Sound ADVICE.—The Reformed following; "All officers of churches are advised to leave off the evil habit of using tobacco, as their bad example renders it difficult and discouraging to prevent its use by the youth. All members are admonished to abstain on the ground that it defiles the body, is a useless waste of money, and often renders a man offensive to his neighbours. Its manufacture and sale are prohibited.

AN EXPERIENCED SWIMMER'S AD-VICE TO THE INEXPERIENCED .- W. H. Pottinger. Hamilton, writes to the Globe thus :- "I have been a swimmer for a considerable number of years, so that I must know something about floating, and the way to do it is thus:-When you find first a few feet down, but if you do not struggle you will come quickly to the surface again, which on reaching immediately draw a full breath, throw your head back, and this will have the effect of placing you in a recumbent position on the surface of the water. Now, this is a most critical time for those who don't know what to do next. Extend your arms at once on a level with your shoulders, palms of hands downwards, fingers close together, so that the water cannot penetrate them, and begin gently paddling the water with the movement of the hands from the wrist only. Extend your legs quietly and slowly in a line with your body. If you raise your arms or your legs above the surface of the water you will sink, but if you have the presence of mind not to do so, or struggle about you will never sink, so long as you keep paddling gently, without exertion, with your hands, and so you may float on until you are picked up or until you are numbed by cold."

HOUSEHOLD.

PEAS COOKED IN ENGLISH STYLE -Boil the peas in plenty of water and as fast as possible, with salt to taste, and a small bunch of mint. Do not cover the saucepan. . When done remove the mint, strain the peas, give them one toss in a saucepan with a piece of butter the size of an egg; add pepper and salt, and

PEAS IN AMERICAN STYLE .- Only enough water is used to boil them tender. When dry, add rich milk and plenty of butter, set them on the back of the stove to simmer ten or fifteen minutes, which brings this dressing to a creamy consistency. Season with salt and pepper.

OATMEAL DRINK .- Mix one-half pound of oatmeal with five gallons of cold water, boil it for half an hour and strain it through a rather coarse gravy strainer; add brown sugar to taste, while hot. It is very much improved by the addition of onehalf ounce of critic acid or one ounce of tartaric acid. The thinly cut rind of two or three lemons or oranges may be boiled in it, or a still cheaper flavouring is to add, before boiling, a bit of cinnamon stick or a few cloves. To be served TO DRS. BENNET AND LEWIS,

ORANGES COLD .- Frozen oranges crop—especially valuable for milch- in regard to their effect upon the for desert of a July day are deliciprocess of digestion, which may be ous. Remove the peel and slice summed up as follows: Seasonings the oranges; to each pound of CARBOLIC ACID.—A bottle of car- are absolutely necessary to digestion, oranges add three-quarters of a bolic acid should be kept in every and the exact amount necessary is pound of sugar add one-half-pint of water, and freeze.

> To STIFFEN A STRAW HAT,-If a egg mixed with cold water over it put it on with a flannel cloth.

Mr. and Mrs. Mason, of Liverpool,

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 profes-

These PILLS are compounded of vegetable substances only, and are absolutely free from calomel or any other injurious ingredient.

A Sufferer from Headache writes: "AVER'S PILLS are invaluable to me, and "Aver's Pills are invaluable to me, and are my constant companion. I have been a severe 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 physic 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 numberless 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 Atlanta, 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 costive 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.

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

Feb. 7.

HONOR TO WHOM HONOR IS DUE.

HOLMAN PAD COMPANY, } Halifax, N. S. WALLACE BRIDGE, Cumberland Co., 17th February, 1882.

GENTLEMEN,—I have much pleasure in informing you of the benefit I have received from wearing one of your Pads. I was induced by a friend, last December, to give one a trial. Since then my health has improved so much that I have gained twenty-two pounds in weight. Under these circumstances, I feel that I am obligated, not only to you but to every person suffering as I did before I commenced to wear your Pad, to endeavor, as far as I possibly can, to help to place such a remedy within the reach of every suf-Yours truly,

LAWRENCE MCKIN, Postmaster. Advice free. Pads of all descriptions sent free by mail on receipt of price.

HERRING COVE, April 8, 1882. HOLMAN PAD COMPANY, 119 Hollis St.,

DEAR SIRS, - My wife has been ill for about THREE years, and attended by the best physicians without receiving the least benefit therefrom; but since wearing your Pads, she is QUITE WELL. With deepest gratitude and with the view of benefiting others.

I remain. Yours obediently. JOHN KEATING. April 19.

HALIFAX STEAM DYE WORKS, The Musical Journal published monthly 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., Cleansed and Dyed to look like new, Silk Ribbons, Scarves, Crape Shawls, Satan Neckties, &c., Dyed all Colours.

FEATHERS DYED AND CURLED. Gents Garments cleansed 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 AGENT-MISS CAROLINE LAWSON, 123 Barrington Street, opposite St. Paul's

JOHN HUBELEY. Cheapest Place in the city for Dyeing. Oct. 12.

119 HOLLIS ST., HALIFAX.

DEAR SIRS:—"I desire to express my feelings of profound gratitude to you who have helped me so much by the use and application of your wonderful medicine known as your Absorptive Pads and Plasters. I was sick about two years, and spent a large sum of money with Physicians but received very little benefit until I tried your Absorptive treatment. When I commenced using it this summer I could scarcely walk across the floor, and now I scarcely walk across the floor, and now I can walk a mile at a time, and attend to household duties much better than I could before and feel only too glad to recommend this truly great treatment to any person or persons who may be afflicted as I was. You are at liberty to make any disposition of this note you may deem proper.

MRS. R. HIBBARD. Hebron, Yarmouth. This treatment can be applied effectively without interview where full particulars of case are sent by letter.

30 YEARS!

Imporrant 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

KING OF PAIN!

\$ \$100 will be paid for a case it will not cure or help of the following Diseases: Diptheria and Rheumatism' Scalds, Chilblains, Galls, Boils, 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 Corus 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 to 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 will ing 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.

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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.

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

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so as to end the seventh year with an "Buds and Blossoms and Family Greet-

ings" as a magazine for church and home must win its way both on account of quality and price. See what others say! BUDS AND BLOSSONS 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 vol., 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 BUD's & 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 ILLUSTRA-Tions are good and its reading matter such as must do good. We wish it success."—"Canadian Baptist."

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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, SU-PERIOR 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 INTERNA-TIONAL 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 \$141,286 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 Col porteurs 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 tamilies without God's Word; 2,582 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 I24 years; found 205 Protestant families without Bibles, 279 with no other religious books, and 373 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 31,679 family visits, and held 625 religious

The books circulated are sound and good, teaching the RUIN of manby the fall, REGEN-ERATION 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 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,

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

CARD.

PEING in possession of a valuable Asthma, Bay Fever. Philbisic, Bron-chitis

and all difficulty in breathing, I have consented after numerous solicitations to make it known. Any individual so suffering can get valuable information

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