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FARM AND GARDEN.

methods to their advantage.

good, healthy chickens.

Feed your soil and it will feed

Till a small farm well rather than a big farm ill.

not a shallow mind. He that is gentle to his beast is

kind to himself. Butter and cheese well made and well sold will butter your bread.

SILOS WITHOUT WALLS .- The following, from an American correspondent of the Country Gentleman, appears to be based on experiments recorded in a French journal:-

Those farmers and feeders who have been deterred from making a trial of ensilage by the labor in building a common earth silo, and the cost of one in masonry, will be glad to learn it has been pretty conclusively demonstrated that good ensilage may be made by simply stacking green foliage on any permanently dry surface, precisely as they would stack hay. But, however, on the essential condition that after being stacked the mass shall be loaded with weight to the extent of from 200 to 300 pounds to the square foot. This is indeed a heavy if not a tremendous load, but it is scarcely more than some writers insist is necessary for a silo in masonry. But it is easy to calculate the measure of load needed, when we know the weight per cubic foot of the material. Thus iron weighs about 440 pounds to the cubic foot; granite, 167; limestone 190; loose earth 93; sand, 110; and the hard woods, dry from 48 to 55 pounds; and lastly water, from 62 to 63. To be sure, when ensilage is prepared in this way there is considerable more waste on the outside than in a silo of masonry. But it has been proved that this waste for manurial purposes is of more value than the same quantity of common farmyard manure. By this discovery it appears ensilage may be made with less risk from the weather than hay can be cured, and there is nothing to hinder going into a clover field in June, and ensilaging the crop, and saving it for a certainty; whereas the curing of clover in the old way, is one of the most uncertain, and at the same time the most laborious work of the whole harvest. And so too, with second crop "rowen" or "altermeth," so difficult to save.

pondent of the New England Far- ing that period, daily fallen upon it, mer says that a New York farmer and when it was taken up the observed that some of his apple authorities had it cut in small pieces trees, that had been dressed with and burned in pans. The ashes unleached wood ashes, bore apples were subjected to the process emwhich kept all winter without rot- ployed with mining dust, and they ting, while the rest of the fruit realized \$2500. This, the carpet rotted badly. His trees were in- alter years of wear, was more precivested with apple tree blight. He ous than when it was new. finally applied wood ashes at the rate of two hundred bushels to the | WELLS AND CHOLERA .- The New acre, to his orchard, and washed York Board of Health condemns the the bodies of the trees with lye. use of water obtained from the The orchard recovered from the artesian wells of the city, maintainblight, and the apples would keep | ing that it is unfit for human use, in an ordinary cellar all winter.

spare milk, which pigs turn into good wells, because the watershed game of her.

pork without the least sacrifice on is 182 miles away, and London has their part; and when a man raises a like advantage. But the water-As an example of what heavy man- his own pork he knows what he has. shed of New York is the city itself uring and clean culture will do, we Beside, pigs if well kept enjoy life. situated right over the wells. The Are unequalted in EXACTING SERVICE. might mention wheat raising in They will always greet you in a chief reason urged for the closing England where the yield has been friendly way as you pass; or, if you of the wells is of course protection increased from twelve bushels to speak first to them, they will answer against disease, and especially twenty-nine. American farmers with grunts of satisfaction, which against cholera. Dr. Edson is cermight imitate some of the English ought to put to shame every whin- tain that in ninety-nine cases out of CARE OF CHICKENS .- Varied food influence and fall over. Continue water used. The judgment of the in all cases, is desirable for young the operation, and he will shut his intelligent gentlemen composing chickens, and this should neither be eyes and go into an ecstasy of de- the Board of Health that the wells neglected nor slighted, if the best light. It is comical enough. If the are really dangerous will justly results are aimed at. Ample sup- owner does not enjoy this the pig carry great weight, especially in plies should be furnished regularly, does, and one has the satisfaction view of the possible advent of and the early feedings should be of feeling that one has added some- cholera here. Those who have exfrequent. They should have milk thing to the general sum of enjoy- pended large sums in sinking wells too, if possible. When the corn- ment in this world. And then when for the supply of their buildings, meal mush is made up, it should it comes time for the pig to die, the Insurance Critic thinks, will natunot be very wet, sloppy, scouring please do not cut his throat while rally be reluctant to yield to these swash. All the sunshine they can he is sensible. This might not hurt | conclusions. But all will admit that have, from early morn to sunset, the pig so awfully, but it would hurt | public health and safety should be warmth in the coops at night and you. Just destroy sensibility first the governing consideration. security from the rats and cats with a piece of lead thrown into the should be afforded. These pro- animal's brain; then you may reflect visions are required in ouder to rear | that his whole life has been a clear | recently said :- "The electric light gain of enjoyment ending with is the light of the future, without healthy pork in your barrel.

ter a few handfuls of common salt | thing. I have now an apparatus by between each layer. The salt, by which I can produce electricity absorbing the humidity of the hay direct from coal, but it is not yet Let him plough deep who hath not only prevents its fermentation perfect. I should have shown it and consequent heating but it also here, only it makes a muss, and beadds a salty taste to the forage, sides it is rather a dangerous exwhich all cattle like; besides, it periment, as it is apt to explode stimulates the appetite and assists digestion, and so preserves them from many diseases.—N. Y. Herald.

SCIENCE.

The practical benefit to be derived by searching for the north pole is doubtful, but scientists hope information so obtained may guide in researches on magnetism and electricity; also teach us more of the history of this planet, give us a better knowledge of ocean currents, and throw light on many other obscure points of geology and physical investigation, though it must be confessed a great many people doubt whether the probable benefits are worth the cost.—Sc. Am.

The first experiment in submarine telephoning will cover a distance of 850 miles, and will be between Halfax, N. S., and Gloucester, Mass, If it proves successful an attempt will be made to telephone across the Atlantic Ocean.

There are several species of fish that have smaller fish within them, thus having to forage for two mouths instead of one. The inner fish belongs to the eel family and are so slippery that they pop down the throat of the fish they are going to board with before it can shut its trap. When once down it is safe. beside being sure of a living.

Wood pavement is to be given up in London, and the old McAdam system restored. The former is said to have not only failed to realize the expected advantages, but has led, according to Prof. Tyndall's report, to serious affections of the eyes and lungs; that is by continual watering, the wood became saturated | bread out of ' flour.' with street filth, and then, under the influence of the hot sun gave forth a pernicious species of dust.

A precious carpet has been destroyed in San Francisco. It had covered the floor of one of the rooms in the mint; and had been used for five years. The dust of the precious silk, but sat-in. ASHES FOR ORCHARDS. -A corres- metals used in the coinage had, dur-

and recommending that all the wells be immediately closed. Dr. Cyrus PLEA FOR THE PIG.-A farmer Edson, of the Board, says he does writing to an American exchange, not believe there is one well in New ter side down. He saye the sense of puts in the following eloquent plea York city that is safe, for the reason for the retention of the pig, as a that the substrata beneath the city source of profit and pleasure on the are contaminated in some degree small farm. There is the offal from by leakages from the sewers and the kitchen, other refuse, and the other drainage. Paris cam have

ing farmer. Scratch one with a a hundred cholera gets into the stick and he will soon get under the human system through the germs in

Edison, when in Philadelphia doubt. Electricity is simply without bound—we can't get to the end To prevent haystacks firing scat- of it. It will be used for everysometimes."

HEALTH HINTS.

Sleepless people—and there are many of them in America-should court the sun. The very worst soporific is laudanum and the very best is sunshine. Therefore it is plain that the poor sleepers should passas many hours of the day in the sunshine and as few in the shade as possible. The injurious effects of shade is very noticable in plants growing in secluded places and ladies who are accustomed to carrying sunshades. The invigorating power of sunlight is infinite; and he whose skin is tawny seldom requires a pill.

Here is the last remedy for sea-sick ress, taken from one of the French papers; " Take no food during at least four hours previously to embarking. An hour before stepping on board drink one or two cups of very strong coffee (without chickory.)

VARIETIES.

"Waiter didn't I tell you to give me a piece of melon off the ice?" "Yaas, sah; you did, sah." ', Well this piece is as warm as a tin roof." "Yaas sah. Dat's cause it's off de ice sah. Day's allus wa'm when dey's off de ice sab.'

In an action to recover the insurance on a vessel which had been wrecked somewhere near the Land's Eud, Sergent (afterward Baron) Channell, who was for the plaintiff, called her 'Ellen,' but others called her the 'Helen;' and the judge inquired which was correct. · My Lord, said Thesiger, 'Helen is the true name. But the 'h' has suffered the same calamity as the vessel itself. It has been lost in the chops of the Channel.'-Notes and Queries.

The young lady who made 700 words out of 'conservatory,' last Autumn, has run away from home. Her mother wanted her to make three loaves of

' I shall find another channel for my article,' wrote the author of a rejected contribution. 'That's right,' was the answer of a courteous country editor. 'The British Channel would be an excellent place for it.'

Chairs should not be covered with

A minister baving preached the same discourse to his people three times, one of his constant hearers said to him after service: * Doctor, the sermon you gave us this morning having had three several readings, I move that it now be passed."

The farmer who has first class farm implements is justified in disliking to lend them. They are never so good after they have been borrowed.

An exchange says: Put a solid silver spoon into a glass can, and hot fruit can be poured into it without any danger of breaking. We state the fact without attempting to give the reason.

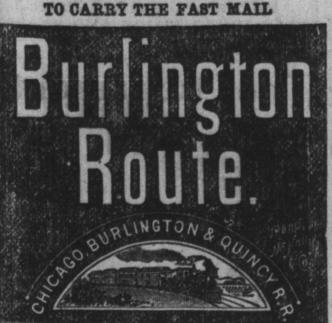
An Illinois philanthropist wishes to benefit the poor by teaching them to eat their bread and butter with the buttaste is most acute on the tongue, and that a very small amount of butter is satisfactory, if put in the obviously right spot.

To call a girl a little dear is making



THE LINE BELECTED BY THE U. S. GOV"

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GOING WEST. ONLY LINE RUNNING TWO THROUGH TRAINS DAILY FROM JHICAGO, PEORIA & ST. LOUIS, Through the Heart of the Continent by way of Pacific Junction or Omaha to

DENVER. or via Kansas City and Atchison to Denver, con-necting in Union Depots at Kansas City, Atchison, Umaha and Denver with through trains for

KANSAS CITY, And all points in the South-West TOURISTS AND HEALTH-SEEKERS should not forget the fact that Round Trip tickets at reduced rates can be purchased via this Great Through Line, to all the Health and Pleasure Resorts of the West and South-West, including the Mountains of COLORADO, the Valley of the

CITY OF MEXICO, and all points in the Mexican Republic. HOME-SEEKERS should also remember that this line leads direct to he heart of the Government and Railroad Lands in Nebraska, Kansas, Texas, Colorado and Washing-It is known as the great THROUGH CAR LINE of America, and is universally admitted to be the Finest Equipped Railroad in the World for all classes of Travel. Through Tickets via this line for sale at all Rail-road Coupon Ticket Offices in the United States and

Vice Pres. and Gen. Manager.
PERCEVAL LOWELL,
Gen. Pass. Ag't Chicago. JNO. Q. A. BEAN, Gen. Eastern Ag't, 317 Broadway, New York, and 306 Washington St., Boston.

April 16.

18 George Street,

Have on hand a full line of

West of England Broadcloths, DOESKINS, DIAGONALS, HAIRLINES

SCOTCH AND ENGLISH Tweed Suitings,

CORDUROYS in Seal-brown, Drab and Huntsman's Color,

SPRING OVERCOATINGS, &C.,

Which they can make up at prices which will defy competition. A perfect fit and every satisfaction guaranteed. May 28.

COLEMAN & CO.

HAVE RECEIVED THEIR FALL AND WINTER STOCK OF

THE LATEST STYLES FROM Lincoln, Bennett & Co., Townend & Co. and Christy, (of London). -ALSO-

SATIN AND FELT HATS

A Large and Personally selected Stock of

FURS

SEAL & ASTRACHAN JACKETS & DOLMANS.

Cashmere Circulars and Dolmans Lined with Squirrel and other kinds of -ALSO-

Fur Collars and Capes, Boa's Trimmings, Muffs, etc. A very cheap lot of SHOULDER CAPES

Buffalo and other Robes, Trunks, Valises, etc., 143 CRANVILLE STREET,

Furs Repaired and Altered. Oct. 22.

McShane Bell Foundry Manufacture those cele-brated Bells & Chimes



for Churches, Tower Clocks, &c., &c. Prices and catalogues sent free. Address. MoShane & Co., Baltimore, Md. 1 y. *

HALIFAX, N. S.

IT IS TRUE!

KIND WORDS. WHAT OTHERS THINK OF BUDS AND BLOSSOMS -The following is from The Christian at Work, a first-class religious weekly, published in New York: " In the City of Halifax, Nova Scotia, is

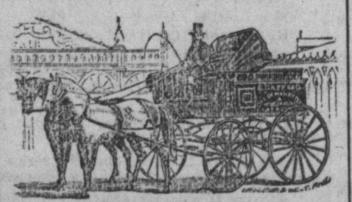
published a monthly magazine called Bups AND BLOSSOMS and edited by J. F. Avery. Each number contains forty pages. plentifully and handsomely illustrated, and at 75 cents a year is certainly one of the cheapest publica-tions extant. But better still, it is one of the best. Its pages are full of the gospel spirit, excellent temperance sketches, missionary intelligence, short stories, household hints and sugges-tions, all entertaining clean and wholesome literature, suitable for the home and family circle, and calculated to promote purity and knowledge among its readers. We do not know what the circulation of this excellent publication may be, but of this we are sure, it ought to be double whatever it is, for it is just the right kind of reading to be put into the hands of young folks; bright, cheery, hopeful and strong, without cant or sickly sentimentality. We hold it as an indisputable truism that when an opportunity offers to promote the circulation of such literature among the young it becomes a religious duty to do so. Send to the publisher for a specimen copy, and you'll find that we have not said one-half the good things we might concerning it."

SPECIAL OFFER!!!

We will send back numbers till the end of 1884 for 50 cents, or for \$1 00 will take new names from date until end of 1885. So confident are we you will like it, we offer it for 25 cents remainder of the year... Send 6 cents for specimen and opinions of the press.

Buds & Blossoms.

REV. J. F. AVERY, Editor, Mizpah Cottage, Kempt Road, Halifax, N. S. Aug. 6.



GATES' Certain Check

Purely Vegetable Compound

Sure and Speedy Reliever of all kinds of Pain and Cramp.

It is certain to check Diarrhoea and Dysentery almost instantly as well as cholera, Cholera Morbus and all kinds of

No family should fail to have a supply of this in the house as it may save life before a physician can be called, beside would recommend to diet for a short time after relief is obtained. For children nothing can be found to equal it— being very pleasant to the taste and giving relief instantly.

TRY ONE BOTTLE. Full directions of Label and Wrapper. Sold everywhere at 25 cts. per bottle. Manufactured by C. GATES SON & CO.,

Middleton, Annap. N. S. See Certificate next month. July 23.

SAVE THE NATION I

For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

RIDGE'S FOOD

INFANTS AND INVALIDS.

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD. Invalids, Nursing Mothers,

and those suffering from Indigestion will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes.

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus materially lessening the expense.

WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridges Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs. April 17

TRURO AND KENTVILLE Marble, Freestone

GRANITE WORKS,

A. J. WALKER, Prince Street, Truro.

A. J. WALKER & Co., Church Street, Kentville. Jan. 9. to Dec. 31.

Nova Scotia Book Bindery, C. & T. PHILLIPS,

Cor er Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Perforaters, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market | Canning. Jan. | 31.

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69 & 71 GRANVILLE ST.,

HALIFAX, N. S. All kinds of

JOB PRINTING

Executed with neatness and despatch BOOKS,

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WEDDING CARDS,

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TICKETS & LABELS

"CUSTOM TAILORING." H. G Laurilliard,

At reasonable prices.

HALIFAX, N. S. * Agency for New York Fashion For Superintendents and Teachers. FOR MINISTERS. For Scholars.

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J. B. KINNEY, ARCHITECT.

Designs, Plans and Specifications pre-pared for all classes of Buildings. Also: Rural Cemeteries surveyed and planned. Yarmouth, N.S.

EAUTIFUL DUDS DLOSSOMS.

Read advertisement elsewhere. Send 6 cents for specimen copy and press testimonials. It will be to your advantage. 5 dollar gold piece still offered.

UNFERMENTED WINE, Prepared for Sacramental and Dietetio

By F. WRIGHT, Maunfacturing Chemist

Kensington High Street, London, W. "This WINE is guaranteed to be the uice of the finest grapes of the Cote d'or, Andalusia, and the Medoc. It is perfectly free from Alcohol, and is guaranteed to be Pure Grape Juice. It has stood the test of 22 years' continuous sale in every climate, and is now used in upwards of 1500 Churches of all denominations. The mode of manufacture is a slight modification of a wellknown ancient practice, and effectually pre serves the grateful flavor and the rich nutri tious qualities unimpaired. It is therefore admirably adapted in cases of debility and fever, in which the stomach is too weak to digest other food. Children suffering from febrile ailments drink it with avidity, even

when all other food has been refused JOHN M. HODGES, ESQ., M. D., F. C.S., Public Analyst for Antrim County and Belfast

"I have chemically examined the bottle of Wright's Unfermented Wine (taken by my son from the stock held by Mr. Wright's Belfast Agent), and find that it is free from alcohol, and contains the constitutents of grape juice. When mixed with water it will prove an agreeable beverage."

FROM REV. JOHN BURWASH, Formerly Professor at Mount Allison, Wesleyan Collège, Sackville, N. B. .

Sackville, May 23rd, 1882. "I have just finished the analysis of the Wine sent. It is necessarily a slow process, some of the steeps taking two days. This Wine contains No ALCOHOL, nor any dele terious ingredient. * * * It can be relied on as wholesome, not having any intoxicating properties. * * *

FOR SALE AT MEDICAL HALL, AMHERST, N. S C. A' BLACK, M. D. Dec. 5.

MANUFACTURED IN TORONTO. A Permanent, sure cure for Diseases, Disorders and Ailments of the Kidneys,

Bladder and Urinary Secretive System, or Attendant Complaints—causing Pain in Small of Back, Sides, etc., producing Urinary Disorders, such as too frequent, Scanty, Difficult, Painful or Copious Mensuration, Inability of Retention and Sedimentary Urine, Dropsical Symptoms, etc., denoting the presence in the system of Diseases common to the Urinary Secretive Organs, known as Gravel, Catarrh of the Bladder and Passages; Bright's Disease, Diabetes, Dropsy, Piles, Nervous Debility, etc., etc.

Pamphlets and Testimonials can be obtained from Druggists free. PRICES-Child's Pad, \$1.50, (cures Bedwetting.) Regular Pad, \$2.00. Special Pad for Chronic Diseases, \$3.00. Sold by

A. B. Cunningham, M. D., Annapolis; William A. Piggott, Granville; Geo. V. Rand, Wolfville; J. B. North, Hantsport; W. H. Stevens, Dartmouth; Chas. F. Cochrane, Kentville; C. E. Borden,