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FARM AND GARDEN.

At the late annual meeting of the Western Dairymen at London, Ont., the discussion on Ensilage is reported in the Globe as follows:

In reply to Professor Barnard, Professor Brown said the hay he used was one-third clover and twothirds timothy. Mr. Brown (of Hyde Park) said in preserving ensilage it was most important not to allow the second or acetic, which succeeds the alcoholic fermentation to take place in the silo. Prof. Barnard pointed out the necessity of cutting the fodder very fine, say one-quarter inch long, and thorough pressing down means should also be adopted to allow the air to escape during the pressing and to prevent its entrance subsequently. Prof. Brown said the pressure they applied on the mass in their silo was 1,000 pounds to the square yard. Mr. William Saunders said his idea of ensilage would be to prevent fermentation entirely if possible, and if it began, to restrain it the mass should be pressed firm. The alcoholic fermentation took place first and afterwards the acetic. Mr. Brown (of Hyde Park) said silos were being built in different parts of the country, but the people did not understand the chemical pro-Mr. Saunders did not consider fine cutting essential. Mr. McAdam, of Rome, N. Y., wanted to know if a really good article of butter had ever been produced from ensilage feeding, but no one ventured an affirmative reply. Prof. Brown said for calf-raising, skim milk was estimated at half the value of unskimmed milk. Mr. Curtis, of Syracuse, N. Y., said Prof. Sanborn of the Wisconsin Agricultural College, found that skim milk was worth 25c per 100 lbs, when pork sold at \$4 per hundred. Several speakers bore out Prof. Brown's estimate of the value of skim milk, viz., 50 per cent. of unskimmed. Prof. Barnard said there was a most important element to consider in fostering the creamery industry.

A careful cultivator of flowers rites that she has learned how to so much trouble about plants in breakfast, it saves time. the winter. Since she has begun using separate saucers with her pots, and taken to watering her is not troubled with the flies, and with buttered paper over them, to she thinks the plants do much get hot. Before served lemon juice better watered in this way than by pouring the water on the top.

Twenty-four years ago, says John J. Thomas, we had three or four inches of sand carted on part of a garden, the soil of which was in very small bits, not over an inch too clayey for the successful or convenient raising of garden vegetables. When this sand was well water with a good sprinkling of salt worked in, the whole became an excellent sandy loam, just the soil | well, and fry them in a deep frying- | ing from rheumatism, they tie a peafor agreeable working. The labor of drawing on the sand was con- lard in it. They will cook immedisiderable; but it was done in winter, when there was little else for the ent. man and team to do, and the fine condition of the soil remains as good as at first, and probably will for a century to come.

tends that cattle or horses not found on examination that they are working will thrive as well or better on two meals a day than on three. "For work-horses," it is necessary, but not often. says, "we have found the noon meal important, but it should be of grain or meal with little or no hay, so as to give strength without distending the stomach. Cows will water and then put in a hot oven for eat in an hour enough to last them five or ten minutes. They will turn for the subsequent twelve hours, out as nice and as crisp as when first and after they have had enough it baked. it is not good policy to keep feed constantly before them. In our Northern winters feeding stock is to be baked in a loaf, and should should be the last chore at night have, to make it perfect, a choco ate and the earliest in the morning, to frosting, is made of one cup of divide the day into nearly equal sugar, half a cup of butter, one portions.

or small, should have a dozen or cream of tartar, and the whites of two rhubarb plants.

feeling of langour and feverishness brands thicken more than others. accompanied with loss of appetite. It is commonly called 'spring

in reducing the heat of the body. It sometimes feels good to the hands and face, but taken inwardly it does not appear to "reach the right spot " exactly, and there is a craving for something sour. Many persons resort to alcoholic bitters and medicated drinks of various kinds to "tone up the system," but they are wholly unnecessary, and frequently very injurious; increasing instead of diminishing the heat and thirst, and sometimes laying the foundation of complaints that are of a serious character. I would advise farmers to avoid them, especially at that season of the year. The acid juice of cooked rhubarb is just what is needed, and a small quantity of it taken at each meal will be found exceedingly refresh ing and helpful.

The planting can be done any time whenever the ground can be

In the fall, after the leaves have died down, cover each plant with four to six inches of well-rotted, strong barnyard manure. Rake it off as early the following February as possible, so that the sun may warm the ground and start the plants early.

Bear in mind that the warmer and drier the location the earlier you will have 'pie-plant pie.' Select a spot fully exposed to the sun, and of spring. A half dozen plants set in a proper situation will give more satisfaction than a hundred set in a cold, bleak spot.

years, providing the seed-stalks are kept down. After four years the leaves become so numerous and crowded that the stalks are too small for use, and the plant is said to be 'run out.'

HOUSEHOLD.

For Porridge take one cup of oatmeal, one teaspoonful of salt put in one pint of cold water in a covered vessel, immerse the pail in a kettle of boiling water, and cook one hour. Do not stir it. Cook it the get rid of the little flies that give day before and steam it over for

In Paris a favourite dish is made of sardines carefully skinned and nificance in the record that 'a Boston plants from the bottom by filling | boned, laid on slices of buttered | public school-teacher writes the Board the saucers with boiling water, she | toast, and then put into the oven, is sprinkled over it.

> STEAK AND ONIONS .- If you wish to improve upon the usual method of smothering heefsteak with onions try this: - Cut one quart of onions, long, and as thin as a sharp knife will cut them. Let them lie in cold in it for half an hour. Drain them pan, with a good deal of very hot ately, and be crisp and most excell-

Vermont the way to treat frozen lock is lame, he ties a red rag around eggs: Pour boiling water over its horn, and will declare most positivethem; let it remain until cold. The The American Cultivator con- shells will close up and it will be restored and fit for use Sometimes a second application of the hot water

> STALE BUNS may be made to taste as nicely as when fresh, if they are dipped for a moment or so in cold

cup of sweet milk, one-half teaspoonful of soda, one cup of corn starch, RHUBARB.—Every garden large one cup of flour, one tea-spoonful of three eggs. If this seems thin after When the warm days of spring mixing, add a trifle more flour. It come, every one who works on the is almost impossible to give precise farm is subject to an indescribable directions about flour, as some

Falling of cake while baking is fever." Water palls on the palate owing, not so much to opening the and does not seem to slake the oven-door, as the jar when closing burning thirst nor have much effect | it, which really is the cause.

HEALTH HINTS.

Health Alphabet.

The Ladies' Sanitary Association, of London, gives the fellowing simple rules for keeping health, which we find copied in the Sanitarian:

A-s soon as you are up shake blanket and sheet; B-etter be without shoes than sit with

wat feet: C-hildren, if healthy, are active, not D-amp beds and damp clothes will

both make you ill; E-at slowly and always chew your food

F-reshen the air in the house where you dwell: G-arments must never be made too

H-omes should be healthy, airy and I-f you wish to be well, as you do I've no doubt.

J-ust open the windows before you go K-eep the rooms always tidy and

L-et dust on the furniture never be M-uch illness is caused by the want of

N-ow to open the windows be ever your 0-ld rags and old rubbish should never

be kept; P—eople should see that their floors are well swept;

Q-uick movements in children are healthy and right; R-emember the young cannot thrive without light; S-ee that your cistern is clean to the

well sheltered from the cold winds T-ake care that your dress is all tidy U-se your nose to find if there is a bad

sauce and a thousand times more V-ery sad are the fevers that come in its train;

W-alk as well as you can without feeling fatigue; A plant is good for about four X-erxes could walk full many a

Y-our health is your wealth, which your wisdom must keep; Z-eal will help a good cause, and the good you will reap.

The best three medicines in the world are warmth, abstinence and re-

A correspondent of one of the medical journals says that the application of a strong solution of chromic acid three or four times a day by means of a camel's hair pencil is the best and easiest method of removing warts.

The scourge of disease by diphtheria, and in other malignant forms too often comes into our public schools and elsewhere, but not always, if generally, without cause. So there is special sigof Health that the very short dresses which little girls wear, cause more sick ness than all the badly plumbed school houses in the city, and there is talk of the Society for the Prevention of Cruelty to Children taking up the matter.'

VARIETIES.

Why are fowl the most economical things farmers keep? - Because for every grain of corn they give a peck.

SUPERSTITION. - The natives of India have numberless superstitions in regard to diseases. If they are suffercock's feather around the leg to cure If they have fever, they brand the chest and stomach with a hot iron. Little children are often seen, with wide, deep burns, six or eight inches long, which their parents have made to FROZEN EGGS.—We learn from cure them of disease. If a man's bully that it will cure the lameness, if only it is allowed to remain! When a borse is eating its grain, the keeper spreads a towel over its back to make the grain digest properly, and will insist upon it that the horse will die if the towel is removed.

> A Kettledrum is so called because it is made up of a great deal of noise and very little to eat.

An instance of animal intelligence is related of the baby elephants in the Zoological Gardens at St. Petersburg. Visitors had been accustomed to feed them with cakes and candy, which were CAKE .- A nice white cake, which | thought by the keepers to be poor food for their young stomachs. Therefore a notice was put up, forbidding the practice; but the visitors paid no heed to it, for they liked the fun of seeing the elephants eat the sweets. Then a man was placed to watch, and when any one attempted to feed the animals he would point to the notice and the visitor would hold back his goodies. . The young elephants objected to this, and seeing that the notice had something to do with depriving them of their rights, they tore it down one night and trampled i under toot. The next notice was placed high above their reach.

> No flag will ever fly from the top of the North Pole.

Queen Victoria is the richest woman in the world, and growing richer.

RECUPERATIVE, RESTORATIVE. ALL MEDICAL OBSERVERS are of one opinion in regard to the great value of COD LIVER OIL.

to be the best and most reliable, and (when uncombined with other medicines) when presented in a palatable and digestible form, of all recuperative medicines known, not only in CONSUMPTION but in other WASTING DISEASES, as SCROFULA, DISEASES of the JOINTS, SKIN FRUITTIONS, FMACUATION for SKIN ERUPTIONS, EMACIATION &c., and as .

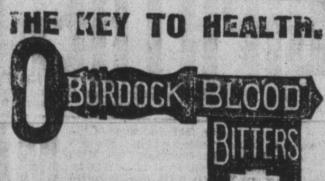
BUDD'S CREAM **EMULSION**

Is the only simple EMULSION in the market. The medical profession use it extensively.

will cure the most obstinate cough. In bronchitis, asth-EMULSION ma, influenza, it acts like a

YOU MAKE NO MISTAKE if you get BUDD'S EMULSION, it is the only one made by

PUTTNER BROS. Sold by all dealers. PRICE 50 CTS. Jan. 16.



Unlocks all the clogged avenues of the Bowels, Kidneys and Liver. carrying larly without weakening the system all the impurities and foul humors of the secretions; at the same time Correcting Acidity of the Stomach, curing Biliousness, Dyspepsia, headaches, Dizziness, Heartburn, Constipation, Dryness of the Skin, Dropsy, Dimness of Vision, Jaundice, Salt Rheum, hrysipelas, 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.

T. EIEMERIN & CO., Proprietors, Toronto Oct. 4.

Rev. Father Wilds' EXPERIENCE.

The Rev. Z. P. Wilds, well-known city missionary in New York, and brother of the late eminent Judge Wilds, of the Massachusetts Supreme Court, writes

"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 a sufferer from a severe catarrh and catarrhal cough; my appetite was poor and my system a good severe catarrh and catarrhal cough; my appetite was poor, and my system a good deal run down. Knowing the value of AVER'S SARSAPARILLA, by observation of many other cases, and from personal use in former years, I began taking it for the above-named disorders. My appetite improved almost from the first dose. After a short time the fever and itching were allayed, 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 SARSAPARILLA, 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. publication may do good. Yours respectfully,

The above instance is but one of the many constantly coming to our notice, which prove the perfect adaptability of AYER'S SARSA-PARILLA to the cure of all diseases arising from impure or impoverished blood, and a weakened vitality.

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.



Feb. 7.

AYER'S CATHARTIC PILLS.

Best Purgative Medicine cure Constipation, Indigestion, Headache, and all Bilious Disorders. Sold everywhere. Always reliable,

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., 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

AGENTS-MISS CAROLINE LAWSON, 87 Barrington Street, Mr. G. STREET, 100 Gerrish Street.

JOHN HUBELEY, Cheapest Place in the city for Dyeing.



GATES' ACADIAN LINIMENT

NERVE OINTMENT CURE RHEUMATISM AND DIPHTHERIA TRURO, February 1st, 1879.

MESSES. C. GATES, SON & Co. : Gentlemen—I came home two weeks ago and found my boy perfectly helpless and crying with pain. I took your Acadian Liniment and Nerve Ointment.

mixed them together and bathed the painful parts, and they killed the pain immmediately. I called in a doctor to see what ailed the child, and he pronounced it inflammatory Rheumatism. I believe that pain cannot stay where they are properly tried. I have seen people who had diphtheria us: Your Acadian Liniment.

in preference to the Doctor's gargle, as it gave them more relief. When the throat is coated, it can be used as it is in the bottle, without being diluted. I believe that every house should have your medicines in them.

Yours truly, JAMES FULTON. Sold everywhere at 25 cts. per bottle. Manufactured only by
C. GATES SON & CO,,
Middleton, N. S.

SAVE THE NATION

Feb. 27.

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 sixes. 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

"CUSTOM TAILORING." H. G Laurilliard,

119 HULLIS STREET. HALIFAX, N. S.

A Agency for New York Fashion For Superintendents and Teachers. FOR MINISTERS. For Scholars.

Paper Hangings WM GOSSIP'S, SERVICE Book & Stationery Warehouse,

NO, 103 CRANVILLE ST., HALIFAX, N. S.

My importations of

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.

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. Jan. 31.

J. B. KINNEY, ARCHITECT.

Designs, Plans and Specifications prepared for all classes of Buildings. Also: Rural Cemeteries surveyed and planned.

Yarmouth, N.S. Oct. 12,

CHRISTIAN MESSENGER Printing Office,

69 & 71 GRANVILLE ST.

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All kinds of

JOB PRINTING

Executed with neatness and despatch BOOKS,

PAMPHLETS,

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BILL-HEADS,

POSTERS

Business Cards

Of all kinds

WEDDING CARDS,

LADIES VISITING CARDS'

TICKETS & LABRIS

At reasonable prices.

To Young Agants Everywhere. If you wish to make a little pocket money during your leisure time, return this notice with 25 cents, or 9 three cent stamps, and we will send you by return of mail, post-paid, a box containing

12 very Useful and Saleable Articles, used by almost everybody. You can sell each of these articles anywhere on sight at 10 cents each. Anybody that uses them once will buy them again. We are selling thousands of them. 6 articles for 15 cents. SEND NOW. Address all letters plainly to

A. W. KINNEY, Yarmouth, Nova-Scotia till March 31. Dec. 19.

NEW GOODS.

HAVE JUST RECEIVED AT 18 GEORGE STREET, 18

A FULL LINE OF OVERCOATINGS. CONSISTING OF

Whitneys, Meltons, Irish, Freize, Astracans, Beavers and Heavy Worsteds. -ALSO-**ENGLISH AND SCOTCH TWEEDS**

All suitable for Fall and Winter, which will be made up in the latest styles at short notice and moderate prices.

A good fit and every satisfaction guaranteed. Ladies' Sacques and Ulsters made to order in the latest styles.

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, Con-

traction 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 Wart 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 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.

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SUPERPHOSPHATE The complete Fertilizer.)

Fertilizers analyzed by Prof. George Lawson of Dalhousie College. Silver and Bronze Medals awarded at

Three grades of GROUND BONE.

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Send for Circular. Agents wanted in unoccupied territory. Dec. 26. 6 mths.