The Weekly Monitor and Western Annapolis Sentinel, Bridgetown, N. S., May 20, 1914



Protecting a Big City Against Impure Milk

(By W. A. Craick.)

4

All travellers who propose to enter Canada, either by ocean liner at any Atlantic or Pacific port or by train at some point on the international boundary, are subjected to a careful scrutiny by certain government of-If they are found to be unfirin la malthy, deformed, destitute or in any way undesirable, they are turned back and admission to the Dominion refused them. In other words, an effort is made to prevent the health and morals of the people of Canada from being contaminated by the entry of men, women and children who in the opinion of the immigration agents, are dangerous by reason of shysical or moral disease.

In much the same way the larger cities of Canada are striving to keep out a number of even more dangerous and insidious enemies that are menacing the well-being of their inhabitants. These are not human foes but those microbes and germs, inthe naked eye, which are forever seeking to gain a foothold in the human body. Just as the main of travel are carefully arteries tion officers, so many of the chanmels by which disease germs might gain access into the homes of the people are being watched day and might by those skilled detectives of ployed for the purpose.

of the most in

milk adulterated in this way, now only about four per cent is affected, and with vigorous methods in operation even this small proportion is being gradually reduced. Also the percentage of water found in the watored milk is under ten per cent, so that the evil is not nearly so serious as it was. Put more picturesquely, the quantity of water sold as milk has been reduced from 8,000 quarts per day to the modest total of four hundred quarts, which means a great saving to the people. By these various means the education of the farmer in cleanliness and quality of supply, the protection of the milk in transit, the sterilization

years. Instead of having half the

of cans and bottles and the exclusion of all impure and adulterated milk, the standard of the milk supply has been very noticeably raised. Also

date of examination, name of farmer fect on the public health, for statissupplying the milk, etc. If, however, tics show that the death rate from the discs are dirty, the entire con- forty-five per 100,000 in 1910 to thirtyphoid fever has been reduced from tents of the can tested are don- teen per 100,000 in 1912. While this And cows no longer hurry home, demned and destroyed, one of the would not be entirely due to the im- However sweet a yoice cries 'Come.'

discs is inserted in an envelope and proved quality of the milk supply attached to the can; a red label is sened the danger of infection. yet pure milk has undoubtedly lesalso fastened to it warning the ship- So one sees that the work of the per to take care, and it is sent back officials, who are watching this par- Who now in such a passion is, to the owner. The other disc is filed ticular route through which disease

Plans

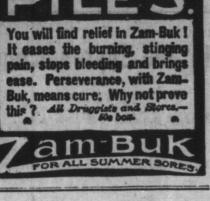
away for future reference in the dewithout its utility and that their partment of health. efforts towards the exclusion of these Sing sweeter songs than I may It is wonderful what an improve- enemies to health are deserving of

ment there has been since the dirt every commendation. test was started. Largely through ignorance and carelessness farmers C'ieese Factory and Creamery and dairymen allowed conditions in and around their stables to become very bad. With dirty floors and

stalls, what wonder that the cattle The Dairy and Cold Storage Combecame dirty themselves and some missioner has, for many years, fur- And court the oak trees one by one. of the filth went into the milk pails? nished plans and specifications for

As soon as the empty cans with the cheese factory and creamery buildwarning labels and the telltale discs ings. Accordingly, a large number of began to come back to the farms and factories in different parts of the the careless dairymen began to see country, that have been built accordthat the city authorities were in ing to these plans, are now in sucearnest, there was a general cleaning cessful operation. The plans and ranch has led to inquiries being made up. Some of them even went to the specifications provided were prepared from outside the Island as to the extent of scrubbing the floors and to meet varying needs and conditions crop of young foxes this year, and walls of the stables and giving their With the passing of time, not only the mortality as compared with oth r. cows a regular Saturday night bath. have a great many plans been pre- years. Dr. Pethick, Dominion Vet-Supplementing the dirt test in the pared, but improvements have been erinary Inspector or his assistant has city itself, the health department introduced in accordance with the visited a great number of ranches guarded by the Dominion immigra- has been sending out inspectors, who progress in the industry.

have been visiting the dairy farms In order to meet the demand for industry, to the eastern section of whence the milk supply of the city is correct information on this subject, Queens County, a district including obtained. These men are trained there has been issued a Bulletin 41 of seventy-five per cent of the ranches veterinarians and they examine the the Dairy and Cold Storage series, a in the island. On being interviewed cows as well as the stables, con- full treatment of the subject, in by the Dominion Government Pubthe health department, who are em- demning any animals that are dis- which seven different plans are dealt licity Agent for Prince Edward Island eased and giving good advice to the with. In these various capacities, J. E. B. McCready, Dr. Pethick



EARLY SPRING (By W. H. Davies.)

on a card, with full particulars of the campaign has had a marked ef- How sweet this morning air in spring:

> When tender is the grass, and wet! see some little leaves have not Outgrown their curly childhood yet

Here, Nature seen on every side, While that fine bird the skylark sings;

He flies by it, and not his wings; germs may enter the home, is not And many a blackbird, thrush, and sparrow

borrow.

These watery swamps and thickets wild Called Nature's slums-to me are

more Than any courts where fountains

play; And men-at-arms guard every door; For I would sit down here alone,

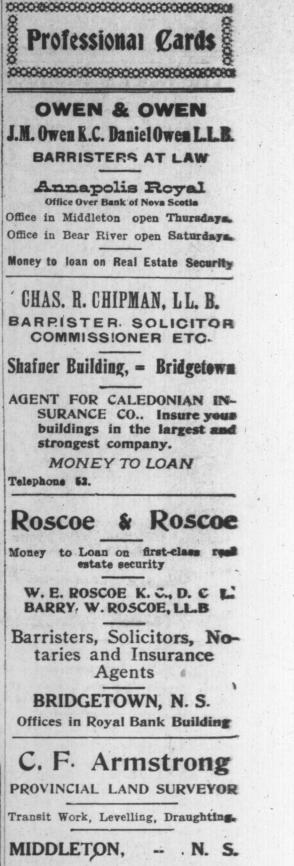
MORTALITY AMONG FOXES LOWER THAN LAST YEAR

Charlottetown, P. E. I., April 23. -The loss of foxes in the Dalton from Alberton, the birthplace of the

son is lower than last and there is was last year.



We have secured the Agency for the celebrated WHITE SEW. ING MACHINES. This is without question the most up to date whine on the market, having many features not found in othe



Dr. F. S. Anderson

DENTAL SURGEON

Graduate of the University Maryland

Hours: 8 to 5.

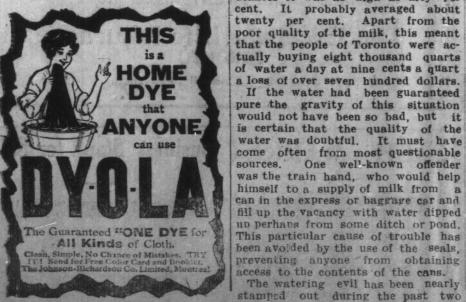
Office: Queen Street, Bridgetown

Page 3

nels that needs to be guarded with the utmost vigilance is the milk supply. Next to the water supply, it is perhaps the most likely agency through which the dread typhoid bacillus may be conveyed into the human system. Impure milk has been at the root of many outbreaks of disease and has caused the death of thousands of young children. In taking steps to improve the quality of the milk supplied to the cities and To do this quite an ingenious scheme to prevent the entrance of disease germs into the homes of the people a noble work.

stupendous task to secure the purity reach the the farm where they are to an impossible undertaking. But the shipped in the milk would be pretty tion. know when their particular cans that is necessary is a bottle of ster- and destructive habit of excess." would come under the test.

The health department men, theresome train or on some farmer's cart. and take out a sample of the milk washes it about and pours it back and it declines henceforth to share FRED E. BATH, Local Agent Bridgetown for inspection. The first thing they into the bottle. The water is then this responsibility. do is to put if through the dirt test, taken back to the health department An instrument has been invented for and examined. It it is still sterile, this purpose. It consists of a metal milk can was properly sterilized; but cylinder with a rubber tube and bulb if the water showed any traces of attached to one end. The cylinder life, the deduction is that the can holds exactly one pint of milk. At was imperfectly sterilized, and steps the opposite end of the cylinder there sending out the can to time. is inserted a disc of absorbent cotton In addition to the dirt test, which about three-quarters of an inch determines the presence of extraneous in diameter and a quarter of an inch matter in the milk itself and the thick. The milk to be tested is put the cans clean, other tests are made into the cylinder, the disc of cotton to arrive at the amount of butter fat is inserted, and then the milk is contained in the milk and to ascerforced through it by means of pressare supplied by squeezing the bulb. The result of this operation is to from any particular farm falls below collect on the disc all the solid mat- | the requirements, efforts are immebur that was contained in the milk, diately made to bring about an im-If the milk was free from dirt the dairyman brings his product up to disc would come out almost pure the mark, his milk is shut out and he white, but if it contained dirt the is prohibited from selling it in the the would be dark-colored, some- city. times in bad cases almost black. Usually two tests are made and two greatest evils suffered in Toronto discs are examined. If they show but was from watered milk. Only two slight traces of dirt one disc may be destroyed, while the other is pasted



.

so that he may secure the methods of construction, building best quality of milk from his herd, materials, etc., have been taken up. no epidemic or serious sickness affect-But no matter if every drop of milk This publication, which was pre- ing foxes existing in the districts. that was poured into the big milk pared by Geo. H. Barr and J. G. As happens every year losses of some cans that one so often sees on the Bouchard, embraces eighty-two pages and contains many sketches. Anticiabsolutely pure, it would not remain pating a considerable demand for excess of that of previous seasons so long if the cans themselves were this bulletin a large number of cop- and there is every prospect of a infected. The work of the health de- ies have been printed. Applications larger crop of pups in proportion to partment must, therefore, be extend- for it should be sent to the Publica- the number of breeders than there ed and steps taken to see that the tions Branch, Department of Agricul-

milk cans are kept clean and pure. ture, Ottawa.

DOOM OF THE LIQUOR TRAFFIC. has been devised. To begin with, the cans, after they civic health departments are doing are emptied at the dairies in the The Chicago Record Herald has an-

city, must be sterilized. This pro- nounced its determination to print The story of the way in which the cess, when properly carried out, kills no more liquor advertising. It will city of Toronto grappled with the every germ that may possibly adhere milk problem and radically improved to the inside of the can. The covers are then put on and sealed, so that eliminate this class of advertising the service makes interesting read- no one, unless it be some authorized entirely from its columns. The Hering. At first it might seem like a official, can open them until they ald says: "The Record-Herald goes be filled. As soon as they are filled into many thousands of homes. In of the 125,000 quarts of milk that are the farmer seals them up again and virtually all of these homes there is consumed in the big city every day, ships them off to the city. In this an abiding sense of the need of proand of course if every quart had to way the purity of the milk is assured tection against the abuses of the be examined separately it would be so far as infection from the cans liquor traffic, especially for the themselves is concerned. Obviously the weak spot in the young. In a constantly increasing officers went on the principle that if chain is imperfect sterilizing. There degree there is abstention from the they examined a quart here one day are plenty of people unprincipled use of liquor for the sake of the there another day, the farmers who enough to try to avoid this regula-shipped in the milk would be pretty tion. To detect such breaches of firm the first indulgence the young the law, as well as to test the effic- from the first indulgence, the young sure to keep their shipments up to the law, as well as to test the enter and unformed character may unconthe standard, for they would not simple scheme has been devised. All sciously drift into an uncontrolled

self with such a bottle and sallies Noting then that the liquor adverforth. He encounters a load of empty tising does not disc iminate between fore swoop down on some load of cans on its way to the railway sta- its use and its abuse, the Recordcans that are on their way to the tion and, by virtue of his powers, Herald contends that the responsicity, either in the express car of breaks the seal on one of the cans bility for, the advocacy of such use DALY and takes off the cover. Emptying his bottle of water into the can, he should rest with the family physician

then it may be concluded that the

are at once taken to bring the dairy the kind. steps which have been taken to keep tain whether or not bacteria are present. A certain standard is required, and when the milk coming in provement. Eventually, unless a

Prior to the commencement of the campaign for pure milk one of the years back nearly half the milk sold cover within the city was watered. The amount of water varied. In some instances it was as high as fifty per cent. It probably averaged about twenty per cent. Apart from the poor quality of the milk, this meant that the people of Toronto were ac-tually buying eight thousand quarts of water a day at nine cents a quart **Of The Colts**

Alarah and the state

It's cheaper to raise colls than to buy horses. But it's costly if you lose the colts. Keep a bottle of Kendall's Spayin Cure handy. For thirty-five years has proved it the safe, reliable remedy for spavin, splint, curb, ring-

MINARD'S LINIMENT Lumberman's Friend

FRESH EVERY DAY Beef, Lamb, Chicken **Our PRESSED BEEF, HEAD**

CHEESE and MINCE MEAT Cannot be excelled in town

Connel Bros. Phone orders promptly attended to. PHONE 67

FIRE **NSURANCE** Insure your buildings in the OLD RELIABLE "NORTHERN" Established 1836 CORBETT, Provincial Agents

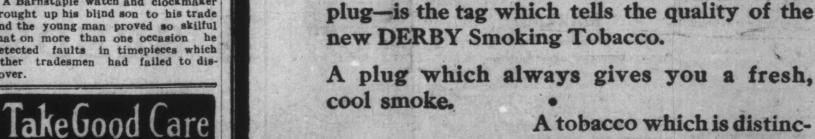
HALIFAX, N. S. May 14, 1923-1v

BLIND WATCHMAKERS

Blind people-those who have been born blind-are, as is well known, exceedingly clever with their fingers, but it is not often that we hear of a watchmaker who was born blind. And yet there have been instances of

A famous blind watchmaker lived at Holbeach, in Lincolnshire. His name was Rippin, and although completely blind, he could take to pieces and put together again watches of most delicate construction with the greatest ease, and in quicker time than most watchmakers who have the advantage of good eyesight. On occasion some of the tiny wheels screws used in his trade were and stolen from him, but the thief was captured with the property on his person, and Rippin identified them by his delicate sense of touch.

A Barnstaple watch and clockmaker brought up his blind son to his trade and the young man proved so skilful that on more than one occasion he detected faults in timepieces which other tradesmen had failed to dis-



High Grade Machines.

In order to eliminate the selling expense incurred by sending out salesmen and collectors, we have decided to organize a CLUB OF FIFTY, thus making it possible to give you an especially low price, consistent with quality, by selling the machine direct from our store, either for cash or in easy monthly payments. We will accept mail orders from responsible parties in any part of the Province. These machines are made Rotary and Vibrator Styles. The very latest expression of modern sewing machine construction is our "Sit-Strate allowing the operator to sit in a perfectly upright position.

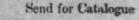


Plumber and TInsmith Furnace work a specialty. Job work promptly attended to Phone 56-4 Bridgetown, N. S

Now is the Time to Plan for the Summer

We will not give a summer vacation this year as a number of students from long distances would be inconvenienced thereby.

Then, our summers are so deliciously cool that St. John is a harbor of refuge ouring the hot season, and study just as pleasant as at any other time. Students can therefore enter at any time.





New Silverware and Jewelry

I have just opened a new stock of the

bone, bony growths and lameness from many causes.

Kendall's Spavin Cure

sold by druggists everywhere at SI a ttle, 6 bottles for \$5. Get a free copy of r book "A Treatise on the Horse" at your uggist's or write us. 85 Dr. B. J. KENDALL CO., Enosburg Falls, Vt-



and the advance of the property of the second of the second

A tobacco which is distinc-

tively mild, yet satisfying

in the pipe. 10c-all dealers.

PLUG TOBACCO

The red, white and blue jockey cap-on every

above, and for BEAUTY and UTILITY I must say they are the best yet. The line includes.—New Casseroles, Bread Trays, Butter Coolers, Cake Plates, etc in silverware' with the usual assortment of flatware, also Watches, Lockets, Chains, Rings and many other lovely examples of the modern jeweler's art. Call and see what you can do here before placing orders elsewhere. Ross. A Bishop

Lockett Block

The state of the second state of the