

SHOULD PAY FOR MILK ACCORDING TO QUALITY

Was the Opinion Expressed by Prof. Publow and Other Speakers at the Annual Meeting of the Belleville District Held in the City Hall Yesterday Afternoon—Attendance Was Disappointing but Excellent Addresses Were Delivered

It almost begins to look as if the people of the Belleville district were losing interest in the welfare of their greatest industry. At the annual meeting of the dairyman of Belleville district held in the city hall yesterday afternoon less than twenty individuals, all told, but in appearance, although as Mr. Parley, the chairman, stated the meeting had been advertised by poster and in both city papers, and had been announced at the various factory meetings. The program was a valuable one for anyone interested in the dairy business, and particularly to that numerous class of farmers and cheesemakers who are looking after the producing end of the industry. The addresses of Prof. Publow and Inspectors Howie and Lowery summarizing as they did the reports of the latest ideas and results of careful scientific investigations should not have been missed by those whose interests these trained experimenters have at heart.

MR. HOWIE'S REPORT
Mr. Willet Parley, director of the Eastern Ontario Dairyman's association, presided. After a few introductory remarks he called upon Mr. Hugh Howie, inspector for Belleville section to present his annual report. Mr. Howie said in part:

I can assure you I take pleasure in presenting you my 12th annual report as Dairy Inspector and Sanitary Inspector for the past season. And I am pleased to say, never in the history of this great industry, was there such a promising outlook. Fancy well cured cheese in our foreign markets has a price far above second grade cheese which is evidence that quality not quantity is the growing demand. When the financial standpoint is considered we wonder why it is that there is a second grade manufacturer.

My honest opinion is that we have a large number of patrons and cheesemakers who have made great improvements in their cheese making. Then on the other hand there is a number of patrons and a few cheesemakers who are making a mistake. Some cheesemakers accept milk of poor quality knowing it is utterly impossible to manufacture cheese of fancy quality from such milk.

Often cheese are put upon the market in a green state, sometimes one or two days old, and in a few instances, from the press-room to the box-room.

Under my supervision I had 33 cheese factories and one creamery which received the product of milk and cream from 15,710 patrons. The milk received for cheese making purpose was the product of 13,024 cows being delivered by 1376 patrons which gave an average per cent. of 3.54 fat average lbs. milk per cow 2,830 being 640 lbs. less than last year. Still this may be very materially changed as I have not received reports from several factories the past season. The loss of fat in the whey was 22 being .01 less than last year. This may be due to several causes, milk on the whole was of better quality and more skill was used with the majority of makers.

I tested over 2,000 samples of milk for adulteration and I am pleased to say only on one occasion did I question a sample.

The majority of factories I found fully well equipped for cheese making purposes, except that I saw no lactometer testing instruments. Proper hot water was often deficient and the percentage of fat in the milk was not properly controlled. The temperature of their curing rooms have made slight gains. Only about 22% of the factories in my group have proper curing rooms about 60° F. but no heating or improved rooms. The hot water have no control over the heated room.

Only 3 factories properly pasteurize the whey, the per cent. of acid in the pasteurized whey was 34 where in ordinary or unpasteurized whey was found to be 75 to 80 and half per cent.

In one instance whey is partially de-livered from keg pens where whey is never properly cleaned, to patrons in milk cans surely this is the last stage of such delivery.

The majority of factories were kept in sanitary conditions, but there is a wide open chance for a few makers to be more cleanly a long thin line and especially their own personal appearance.

These several factories I gave 287 visits, being 29 all-day visits the balance, half-day visits to one and two hours call.

90 patrons for the express purpose of assisting them in the improvement of their milk.

In every case where I found cheese of poor quality I made examinations to locate the trouble and in the majority of cases the fault was attributed to the producer of the raw material, but in a few instances the maker had to shoulder the trouble. It is a well known fact that cheese buyers are required to be firm when inspecting cheese. Many times their opinion is questioned upon their goods arriving at Montreal or other shipping ports.

Defects in the cheese are due many times to undesirable bacteria which may have been introduced through improper handling of milk, impure water, poor rennet, factories not kept as cleanly as they should be, and careless not proper, handling the raw material. I trust and hope 1915 output will be put upon the market in an improved condition.

INSPECTOR LOWERY
Inspector J. A. Lowery, of Frank-

ford, in an interesting report, gave details of the results of cow-testing among the patrons of six different cheese factories. The report was an eye-opening to many farmers in regard to the quality of the different individual cows in their herds. He found very wide variations in the production of cows in the same herds both in quantity and quality, the cows being of the same age and receiving the same food and attention. For instance in one herd where he tested two six-year-olds the one produced 6680 lbs. milk during the lactation period and containing 236 lbs. butter fat, the other produced only 4960 lbs. milk and 150 lbs. fat.

Mr. Lowery said there had been a great deal of weeding out of unprofitable animals wherever these tests had been conducted.

Any factory making up the milk of one hundred cows could have season tests for the various herds introduced. The government would send a man without expense to the factory to do the testing if the cheesemaker were not competent to do the work himself.

Mr. Lowery was implicitly of the opinion that milk should be paid for according to the butter fat content and not according to the present pooling system.

PROF. PUBLOW
Prof. G. C. Publow of the Kingston Dairy school showed from a chart the following results of careful and repeated tests and analysis of equal amounts of different qualities of milk made up into cheese and sold to dealers at Kingston for a uniform price of 14 1/2 cts. a pound:

Lot I.	
Lbs. Milk	325
P. C. Fat	3.2
P. C. Casein	3.2
Lbs. Cheese per lb. fat	2.8
Lbs. Milk per lb. cheese	11.60
Cheese sold at 14 1/2 cts. lb.	\$4.06
Lot II.	
Lbs. Milk	325
P. C. Fat	3.2
P. C. Casein	3.2
Lbs. Cheese per lb. fat	2.49
Lbs. Milk per lb. cheese	12.9
Cheese sold at 14 1/2 cts. lb.	\$4.93

Lot III.	
Lbs. Milk	325
P. C. Fat	3.2
P. C. Casein	3.0
Lbs. Cheese per lb. fat	2.46
Lbs. Milk per lb. cheese	13.12
Cheese sold at 14 1/2 cts. lb.	\$5.30

Prof. Publow then spoke of the increasing necessity for careful attention to the milk and seeing that it comes to the factory with a low bacterial content and temperature. He expressed the opinion that the custom of milking the cows in badly ventilated stables was responsible for much of the trouble as compared with a few years ago when outdoor milking was almost the universal practice.

Brief addresses were also delivered by Messrs. Howison, T. H. Thompson, and Mark Sprague.

FOXBORO.

PUBLIC SCHOOL REPORT

Sr Fourth — Eleanor Johnston, A. Bronson, Mabel Bailey, Helen Davis, Harry McDonnell.

Jr Fourth — Marjorie Ketcheson, G. Tucker, George Oliver, C. Burd.

Sr Third — James Loney, Anita Bamber, Lillie Burd, Robert Seeley, Fred Warner.

JUNIOR ROOM

Sr Second — Mabel Snider, Tom Wannamaker, Claude Bird, Marguerite Smith, Charlie Seeley, Ralph Loney, M. Hamblin, Frank Seeley, Orey Seeley, Mary Long.

Jr Second — Jean Longwell, Burleigh Johnston, Harold Stewart, Geraldine Longwell, Harold Longwell, M. Prentice, Jack Lake, Raymond Loney, John Irvine, Katie Hammond.

Sr First — Ruth Eggleton, Rex Chisholm, Russell Pittman, Mabel Ketcheson, Earl Bamber, Garnet Sloan, Evelyn Sloan, Vera Sloan.

Jr First — George Faulkner, Ruth Empton, Grace Pittman, Marion Longwell, Mildred Lloyd, Bernice Wannamaker.

Sr Primer — Garnet Jubly, Jack Davis, Walter Prentice, M. Wickett, Robert Warner.

Jr Primer — Arthur Wilson, John Stewart, McLaren Longwell, Alton Bamber, Lucas VanAllen, Oakley Gough, Kathleen Snider, Ethel Sloan.

E. M. Adams
W. C. Peters
—Teachers

H. George Not Guilty

Herbert George, the well-known merchant, was found not guilty by the petit jury today, and was given his liberty immediately. The trial began yesterday morning in charges of theft of clothing from Mr. D. Phillips' store and of conspiracy. The jury retired at noon to-day, and after two hours returned the verdict of "not guilty."

DIED.

SMITH—At Belleville, on Friday, Dec. 11, 1914, Richard Smith, aged 55 years.

COL. PONTON'S ADDRESS AT PETERBORO

Lieut.-Col. Ponton, of Belleville, who himself has a son at Salisbury Plain with the first Canadian contingent, says the Peterboro Examiner, delivered a stirring address and made a powerful appeal for co-operation in raising \$50,000 for the Patriotic Fund. The boys of the 15th and 57th Regiments were in the same battalion, sleeping behind the same outposts and guarded by the same sentries. There could be no doubt, because of the number of men offered, of Peterborough's patriotism.

"But," said Col. Ponton, "translate your patriotism into philanthropy and action and give, give, give!" Continuing the speaker gave the German statement more particularly the present Chancellor, an eloquent grueler for their failure to observe the treaty with Belgium. Germany had pledged her faith to the world to recognize the neutrality of Belgium; she was then to be seen ruthlessly sent their sister's legions into the heart of that country "Belgium" was the answer to all the subtle intellectual justifications that German advocates advanced.

The men in the trenches were fighting loyally, courageously, with bravery and determination, but they were also fighting at the white heat of explanation for the unthinkable atrocities that had been committed by the members of the German army in Belgium. Here Col. Ponton dwelt effectively on several specific instances of German cruelty to the women, men and little children of Belgium. With irresistible pathos he described the result of the mutilation of little Belgian girls, and evoked the sympathy of the entire audience in this regard. He characterized the soldiers of the allies as avengers for all the barbarities that had been practiced.

"Put yourself into a cheque this week and you will have become an empire builder, just as much as though you fought on the battle field" was the speaker's advice.

Some had said that the Patriotic Fund was too large, that the \$50,000 would not be needed. The audience must remember that not all of the 30,000 boys would return to Canada; that some of them, their friends and families had said goodbye in the last time. There was the future to look forward to. Then, too, more contingents were to leave the shores of Canada, and a good substantial surplus in the bank to the credit of the Patriotic Fund was a surety that their care of. This would enable men and encourage them to come forward and offer themselves for active overseas service.

In conclusion the speaker made a touching appeal to the audience. He spoke of the fact that the women of Peterborough had led this part of the country in the great part women were taking in fighting the Empire's battles. Into the ranks of the front-line fighting women the loving thoughts of their dear ones at home for the brave boys on the battle-field.

"But remember," said the speaker, "that 3,000 miles away the thoughts of our boys will turn of to their home. Let us not betray the trust that they have placed in us. Let us see that there is always a roof over the heads of the soldiers' little ones and always bread on the table."

ANNUAL BANQUET OF THE B. S. E.

Last Tuesday evening the B.S.E. Club held their annual banquet in the Sunday School rooms of Bridge St. Church. The banquet which they prepared and served themselves thanks to their experience at their camp last summer was a success in every way.

Shortly after seven o'clock the boys, about sixty in number, the Rev. Osborne and the Judges of the evening, sat down to the tables which were decorated with the class colors of red, white and black. The "cookies" started bringing in the good things and then the feast began. We will draw a curtain over the scene for about three-quarters of an hour, when Dr. McNeil called for order and everybody except those who were too full for utterance, sang some lively songs.

After this came the event of the evening, namely, a debate which took the form of a mock parliament under Dr. Holton as premier and W. Osborne as leader of the opposition. The government side brought forward many weighty arguments in favor of their resolve. "That in the terms of peace the integrity of the German Empire in Europe be maintained." These were ably answered by the Opposition. The Judges, Mr. Ross, Judge Berwick, Deacon and Dr. Crawford retired but whether under the spell of Wendell Osborne's oratory or Douglas Holton's masterful summing up of the Government's arguments, they were unable to come to a decision so the matter will have to come before the House at a later date. After both united in singing "God Save the King" the house adjourned.

Epworth League Concert

The junior Epworth League Concert in Bridge street Sunday school room, last evening was well attended and most successful. The league had been drilled by Miss Bradley, deaconess, and Miss Macaulay and showed excellent drill of all kinds, a chime drill, flag drill, and so forth. Two numbers were given by the Y.M.C.A. boys. During the evening, Deacon and Dr. Crawford were given by Miss Wallace, Miss Vanderwater, and Miss Jean McIntosh.

MILITARY NEWS OF THIS DISTRICT

Lieut.-Col. E. W. Rathbun has been appointed to command the Sixth Brigade of Field Artillery for overseas service with the second Canadian Contingent. This brigade is composed of the 21st Battery, Montreal; the 22nd Battery, Kingston; the 23rd Battery, Fredericton; and the 24th Battery, Halifax and the headquarters will be in Montreal.

Lieut.-Col. Rathbun has been in command of the Ninth Brigade, consisting of the 5th, 8th and 27th Batteries since 1912 with headquarters at Gananoque. Lieut.-Col. Rathbun is a capable, energetic, hard-working officer, and his promotion has been well earned.

A provisional school is being held under the management of the officers of the 21st Battalion for the qualifying of officers for subaltern, captain and field officer's certificates. A number of officers from this district are and attached to the battalion temporarily for the purpose of taking this course. Classes are held in the Armouries each week evening and lectures are delivered by Col. Carlton, R.M.C.; Major Lamson, R.M.C.; Major Bennett, Capt. Hemming, Sergeant Gilbert and Serg.-Major Edwards, Masketry Instructor.

Lieut.-Col. Hughes has received applications from three men in this district who wish to join the 21st Battalion and who will, if permitted, bring motor cycles with them. An outfit allowance of \$100 has been authorized for officers of the active militia (non-permanent) called out for service. In Canada after they have been at least three months on duty. An officer, who, after having received the above allowance is selected for overseas service, may be paid the difference between this \$100 and the \$150 already authorized for officers selected for service overseas.

LADIES' RIFLE PRACTICE

The above club held their weekly shoot at the armouries Thursday afternoon. The following scores were made:

Mrs. E. Wheatley	93
Miss Merrington	93
Miss Campbell	90
Miss McCarthy	85
Miss Hurley	85
Miss Falkner	85
Miss K. McDonnell	85
Miss Andrews	84
Miss L. Walton	84
Miss McCuaig	84
Miss V. McLean	82
Miss Mason	81
Miss A. Lazer	80
Mrs. Platt	80
Mrs. Sneyd	78
Mrs. Douch	75
Miss S. Walton	68
Miss Rathbun	69
Miss J. McLean	51

Recreation Club.

Business at the Match Factory is booming. As all work and no play makes Jack a dull boy, the employees have formed a recreation club. Mr. R. J. Hickson, superintendent of the factory, has been elected manager of the organization, had a number of the young men at his house the other evening, when Wilbert Smith was elected secretary. "Billy" Houie, our star hockey player, has been elected captain of their hockey team.

Successful Xmas Sale

St. Andrew's Ladies' Aid Society conducted a most successful Xmas sale in the basement of St. Andrew's church Thursday afternoon and evening. The receipts were much more than were expected.

AUCTION SALE.

Auction sale of farm stock implements, harness, tools, etc., and property of John W. Reed, Lot 8, 6th concession to Thurston township 1-2 mile east of Foxboro, on Wednesday, Dec. 16th at 11 o'clock a.m. No reserve. Ira Simmons auctioneer.

NOTICE TO CREDITORS.

IN THE MATTER OF THE ESTATE OF SIDNEY L. SHARPE, late of the Township of Godwin in the County of Hastings, Farmer, deceased.

NOTICE IS HEREBY GIVEN pursuant to the revised statutes of Ontario 1914, Chapter 21, section 56, that all creditors and others having claims against or an interest in the estate of the said Sidney L. Sharpe who died on or about the 20th day of November 1914, are required on or before the 5th day of January 1915, to send by post prepaid or to deliver to W. H. L. Sherry, Esq., of the chambers of the said Sidney L. Sharpe in the County of Hastings, solicitor for Charles Jane Caverly the Trustee and Executor of the last Will and Testament of the said deceased, their Christian names, addresses and descriptions, the full particulars of their claims, the statement of their accounts and the nature of the security, if any, held by them.

ALL CREDITORS TAKE NOTICE that after said last mentioned date the said Executor will proceed to distribute the assets of the deceased among the parties entitled thereto, having regard to the claims of which she shall then have notice, and that the said Executor will not be liable for the said assets or any part thereof to any persons or persons of whose claims notice shall not have been received by her at the time of such distribution.

DATED at Belleville this 8th day of December, 1914.
W. H. L. SHERRY,
Solicitor for Charles Jane Caverly, the above named Executor.

At Wallbridge & Clarke's
Crosse & Blackwell's English Plum Puddings. 35, 65, 95 & 1.95
Tom Smith's Christmas Crackers. 25, 35, 45, 75 & 1.10
Finest Quality New Figs. Layers 1b, 2b, & 3b. Boxes 15 Locomox Box 200 Figs. Boxes 20, 50, 100 and 1.10
Table Raisins. 20, 35, 50, & 40c lb.
Christmas Fruits & Supplies of all kinds from the leading markets of the world. All Fresh Goods of the Purest and Finest Quality at Prices to Meet your Ideas of Economy
Fine Havana Cigars. Direct Importations
English Tobaccos English & Egyptian Cigarettes. 10, 20, & 40c
The man who smokes will appreciate a selection from Wallbridge & Clarke's large stock of well-stored cigars. Case prices.
New Goods at Wallbridge & Clarke's
Finest Sugar-cured Hams & Bacon Chilli Cream Cheese, Pimento Cheese, Home-made, New Prunes, New Apples, Buckwheat Flour, Peas and Butter, Whole Ox Tongues, &c. &c.

Xmas Suggestions

We believe that a nice Club Bag or Suit Case would be appreciated, being useful and ornamental and capable of lasting for time immortal.

Every person appreciates a nice club bag, so does your brother or sister.

TRY OURS
Service and Quality
Motto



Club Bags, leather lined, \$3.50 to \$13.00. Suit Cases 75c to \$13.00. Attractive Window Display

A.W. Vermilyea & Son

THE STORE OF QUALITY & SERVICE

Keep in Mind

That The Up-Town Liquor Store is here for your convenience, catering to your wishes and supplying you with whatever your wish in the way of High Grade Liquors.

W. A. ROUBOURN
Phone 86, Orders delivered promptly to any part of the city. Box 103.

FURS

Large Alaska Sable Pillow Muffs \$17 up
Large Persian Lamb Pillow Muffs \$22 up
HAVE YOUR FURS Repaired and Remade by
J. T. Delaney
286 1/2 Front St. Phone 797
Over Blackburn's Jewellery Store
N.B.—Open Every Evening till 10 o'clock

FURS

Make Practical Christmas Gifts
Let us give you some suggestions:
Black Lynx Wolf Sets from \$35.00 up
Natural Wolf Sets from \$30.00 up
Siberian Black Fox Sets from \$15.00 up

G. T. Woodley
See Our Window

We Have

a very large stock of
Mill Feeds
and it will pay you to get our prices before buying elsewhere

Try Robin Hood Flour

HANLEY - NETTERVILLE CO.
320 Front Street

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Automobile storage and care
Automobile repairing
Automobile Supplies
Bicycle repairing
Motor Cycle repairing
Gas Engine work
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Electrical supplies
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Machine work
Storage battery care and charge
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Call and see us whether you do business or not.

At The Garage
Greenleaf & Son
288 Pinnacle Street

DRY CLEANED AND PRESSED

Send your suits to be
New Method
Telephone 794
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Anticipating Your Oyster Supper

We would be glad to furnish you with the Oysters Ours are the solid meat, coast sealed kind. You don't have to pay for any water—water is cheap, you can put that in yourselves. These oysters have the "tang of the sea."

70c a Quart.
35c a Pint.
Special price in quantities.

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NIGHT PHONE 176—DAY 201
All kinds of Cut Flowers and Plants in Season.
Wedding and Funeral Designs a specialty. Shipped to all parts.
Front Street opposite Geen's Drug Store

Distinctive Millinery Models at

Miss Campbell's
Our showing of French and New York copies and original creations is truly fascinating and creating an air of favorable comment from the smartest women in town.
Hats Reasonably Priced
Miss M. Campbell
Front Street

Start Right Now and Feed DR. HFSS' Poultry Panacea

and get the EGGS while prices are high.
35c & 85c Packages

Waters' Drug Store

A. H. BRUEIN

REPAIRING, UPHOLSTERING, REFINISHING
Full line of Tapestries, Silks and Leatherette Coverings
Phone 735
238 1-2 Front St., over Blackburn's Jewelry Store

At the New Scantlebury Art Store

Not the Old
Picture Framing For Christmas
New mouldings, new ideas, prompt and perfect workmanship at lowest prices.
Wall Papers
December sale of wall papers, assortment large—in fact the choicest lines of Wall Paper ever displayed in Belleville.
Fountain Pens
We have secured the agency for the celebrated Swan Fountain Pen acknowledged the world over, by experts, the last though in fountain pens—each pen guaranteed for 5 years.
Mr. Scantlebury's close intimacy with fountain pen trade and makers, gives the inside information that secures you against any trouble—he knows pens, repairs pens, guarantees every pen he sells for 5 years, will exchange pens if not the right fit.

Do you need a New Range?

Sold on easy payments
New Empress and Sovereign Ranges, Oak Heaters, Sewing Machines and Kitchen Cabinets

THE NATIONAL MFG. CO.
238 Front St., W. K. Ferguson, Mgr.

Thermos

The Beautiful, Useful and Inexpensive
Christmas Gifts
This week is THERMOS week at our store. We are showing the largest complete display of THERMOS BOTTLES, CARRIERS, and KITS ever shown in the city.
Pleased to have you call and inspect these goods.
Make your selection and with a small deposit. We will put any article aside for you until Christmas.

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WATERS' DRUG STORE

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