

# Field Day at Experimental Farm

## Excursion of Farmers Proves a Great Success, and Will Likely Become an Annual Affair

The Field Day at the Experimental Farm, in Fredericton, on the 23rd inst., under the auspices of the Farmers and Dairywomen's Association and backed by the local Government, was a pronounced success, and is likely to be an annual affair hereafter.

The attendance was larger than expected, and there must have been more than 1000 people on the grounds. The management of the Experimental Farm had promised to serve dinner to all who came and, although the demand was far greater than they had calculated upon, the promise was loyally kept, and Supt. W. W. Hubbard and his able assistants deserve great praise.

The forenoon and early part of the afternoon was taken up by inspection of the different features of interest on the 200 acres under cultivation, including the magnificent barns, stables, poultry houses, etc. There is a large orchard, containing 185 different varieties of apple trees which are being tested to discover the ones best suited to this country, and also vegetable and flower gardens, each in the care of an expert.

From about 1:30 p. m. to nearly 4 o'clock, lectures were given on several subjects.

President Geo. E. Fisher of the Farmers and Dairywomen's Association presided, welcomed the visitors and gave them the freedom of the grounds, after urging them to become members of the Association during the coming year.

Supt. W. W. Hubbard spoke of the work of the farm. It contains about 200 acres, extending from the St. John river back to the C. P. R. track at Dock Station, all within the limits of the City of Fredericton. Of this about 200 acres had already been cleared and cultivated, and another hundred acres is ready for breaking up. The climate here is fairly average, also soil, and these with central location, brought the farm here. This is not a model farm, but one in which trial is being made of different methods. There are twenty four acres of orchards; one hundred and fifteen kinds of potatoes being raised, many plots of grain, vegetables, etc., in which results are noticed and carefully tabulated.

J. H. Grisdale, director of Experimental farms in Canada, was the next speaker. Although not a native of New Brunswick, he had visited every part of it, and considered the province one of the best live stock districts in Canada, but the people did not take advantage of their opportunities as they should. The basis of prosperity is the agricultural industry. Therefore, the experimental farm was established here. It is just in its beginning. They intend to make it the best in New Brunswick. Possibilities of increasing crop production are enormous. These fields are better today because of better cultivation and better methods. This farm is experimental, not demonstrative or model, but there are many things worth noticing. Some of the crops are very poor, because they are seeking methods to avoid. Side by side are extra good crops. The war has hindered full experiments with live stock. Yet some of the cows here have cleared sixty dollars a year—others, which will be dropped—have not done so well. It is not necessary to start with pure bred

stock. Use pure bred males and thus keep on improving. Where hay, clover, oats and turnips grow so well, we should go more and more into stock raising. Our conditions are as good as in Britain. All our soil needs is a little more attention from the farmer who owns it. Breeds are needed in the province. A course in agricultural college will bring great results. He should visit to the experimental farm would become an annual affair. There would be no lack in the commissariat next year.

E. S. Archibald, Dominion Field Husbandman, gave a demonstration in live stock, using the stock on the farm as illustrations. He thought the organized markets of the province were in bad shape. The consumers can appreciate quality in beef. It is up to the organized farmers to get, by municipal abattoirs, if necessary, the best for their effort. There were pure breeds on this farm—Holstein, Shorthorn and Ayrshire. Choose the dairy breed best suited to your land and stick to it. Using pure bred bull willson produce a breed as good as pure bred. Stock will become uniform. Organize in districts or clubs, and boom the breed. Disorganization causes loss of money. If you want steers rather than dairy cattle choose shorthorns and stick to them. Well bred shorthorn stock brings more money for beef. Good grade Ayrshire and Holstein steers sold at 7 1/2 cts. pound, against 9 1/2 for the shorthorn. If our producers would appreciate the difference between meats, it would be better.

Shorthorns were being treated as dairy cattle, but they were better for beef. If you value milk primarily for meat, do not fatten them till after two or three years old. A three-year-old Shorthorn cow on the farm has produced three thousand pounds of milk so far this year. She made 7600 with her first calf. Possible to have a meaty Shorthorn a good milker, but they never get up high as dairy cattle. The four year old shown was the mestier type, showing that shorthorns soon run to hesh. If you value milk primarily stick to the dairy breeds. Good dairy Shorthorns cost too much for the average farmer to buy.

Holsteins are leaner, narrower in build, with room for big udder, tests well planted, better for milk. The best Holstein record is 150 pounds—15 gallons—a single day, made by a relative of the cow shown. Holstein is a specialized dairy bred. Will continue popular if properly handled. When a breed is popular, beware of buying anything with a pedigree, but buy only the best of the pure bred stock. Breeding counts. Like begets like. The Ayrshire is probably the breed most popular and most generally useful throughout the province. Ayrshires originated in the poor pastures of Scotland where cattle must travel for their food. The Ayrshire is a low set, long, deep-bodied cow, with splendid middle and udder. Should have a long level bottomed udder well carried up behind. One drawback was short tests—this defect was being overcome. Select good tested cows only. This cow (Pansy) has produced over 10,000 pounds milk during the year. The next, a heifer with second calf, has short tests—this they hope to correct in her offspring, or would get rid of her. A grade Holstein cow was shown. In one case a grade cow produced 2500 more pounds of milk than a mongrel cow. The particular grade shown produced last year over 6,000 pounds. The next example was a poor grade Ayrshire, showing what a dairy cow should not be, yet she gave over 1,000 pounds more milk a year than the fair Holstein grade just previously shown. You can't tell from a cow's looks what she will give. The only way a dairyman can tell the value of his cow is to keep milk records. Persistence in milking gives the cow her value. A man who does not keep tabs on his cows will make no money. Quite possible to make good profit from good dairy cows.

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## PALE, WEAK GIRLS

### Grow Into Weak Despondent Women—How to Overcome The Trouble

Healthy Girlhood is the only path to healthy womanhood. The passing from girlhood to womanhood lays a new tax upon the blood. It is the overtaxing of the blood that makes growing girls suffer from headaches and backaches, from paleness and weakness and weariness, from languor, despondency and constant ill health. Unhealthy girlhood is bound to lead to unhealthy womanhood and a life of misery. Nothing but the blood building qualities of Dr. Williams' Pink Pills can save a girl when she undertakes the trials and tasks of womanhood. That is the time when nature makes new demands upon the blood supply. Dr. Williams' Pink Pills actually make new, rich blood to meet these new demands. In this simple, scientific way Dr. Williams' Pink Pills give growing girls new health, and makes their dawning womanhood bright and attractive. Miss A. Sternberg, Halleybury Road, New Liskeard, Ont., says: "I have much reason to be grateful to Dr. Williams' Pink Pills as they restored me to health. If, indeed, they did not save my life. In 1914 I began to feel run down, and the doctor who was called in said that mine was a bad case of anaemia, I lost flesh, always felt tired, and I got so nervous that I could scarcely hold a cup to take a drink. My heart would flutter alarmingly. The doctor did not seem to be able to help me at all and my family and friends all thought that I was in a decline and could not recover. I was in bed for some weeks when an aunt came to see me and urged that I try Dr. Williams' Pink Pills. My father got a supply, and by the time I had taken three boxes there was a noticeable improvement, and from that on I steadily progressed towards recovery. I continued using the pills for some time longer, and they restored me to my old time health and strength. I shall never cease to praise this medicine, and to urge all weak run down girls to give it a fair trial, as I have proved in my own case their great merit."

You can get these pills from any dealer in medicine or by mail at 50 cents a box or six boxes for \$2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

Legal standard for milk is 3.2 per cent fat; average customer wants more.

Holsteins hold practically all the milk and butter records in the world. If you have good rich pastures, keep them, but for rougher conditions the Ayrshires are better.

J. R. Brownlee gave a lecture in the potato field, where many kinds were planted at different distances. Experiments pointed to the Green Mountain as the best potato, with the Irish Cobbler a close second. The potato crop has been sprayed four times with Bordeaux mixture to prevent blight, and would need two more sprayings this fall. Potatoes last year sprayed with Bordeaux yielded forty-one bushels to the acre more than those not sprayed. To kill bugs use with the Bordeaux mixture half a pound of Paris Green and two pounds arsenate of lead to forty gallons of water. The best culture was three feet wide between the drills and fourteen inches between seeds.

Mr. Lee lectured on Poultry, Barred Rocks, White Wyandotte, Rhode Island Red, and White Leghorns are the breeds on the farm. The latter were a little the best for eggs, either of the other three breeds for meat.

J. L. Emmslie fertilizer expert explained all about fertilizers.

G. C. Cunningham, plant pathologist, entertained instructively all who were interested in his department.

Not the least interesting and instructive of the demonstrations was that in the dairy room.

During the day everything that could be done for the convenience and pleasure of the visitors was done by Sec'y of agriculture, J. B. Doggett, Supt. Hubbard, Pres. Fisher, and all the departmental supts. and employees.

At four o'clock the special train which had brought the people from the central C. P. R. station down to the grounds left for town again, bearing hundreds of men and women well satisfied with their trip.

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## A Record Run

What I C. R. men claim as a record run was made recently by a "fish special" between Moncton and Campbellton, a distance of 185 miles. The special was in charge of Conductor Frank Llantry, with Engineer Titus at the throttle, and Fireman Mariner Price. The run was made in three hours and forty minutes, but the actual running time was less, as three stops were made, which caused considerable detention. The special contained seven cars. The run was made with Locomotive No. 445.

## MARRIED

At St. Michael's cathedral, on Aug. 22, Miss Matilda McLean of Bartibogue was united in marriage to Lance Corp. John McMillan of the 132nd Battalion, Valcartier, a native of Chatham, by Rev. Father O'Keefe.

Religious objectors are now liable for service anywhere in the Medical or Army service Corps.

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## The First Week In September

is the beginning of our busy season, but you can enter at any time.  
Catalogues containing Tuition Rates and full information mailed to any address.

## THE UNION ADVOCATE

Phone 23 NEWCASTLE, N. B. Box 359

## Grand Lodge of Knights of Pythias

The Maritime Provinces Knights of Pythias opened their Grand Lodge in St. John last Wednesday.

The membership on June 30th was 3,631 a loss of 35, of these 35 there were 33 in Collingwood Lodge which surrendered charter.

\$400 was voted to the Patriotic Fund.

Due respects was paid to the memory of all departed brethren.

Following officers were elected: I. B. Colwell, Halifax, grand chancellor; R. B. Sillip, St. John, G. V. C. S. J. Soley, Port Greville, Grand warden; R. B. Wallace, Fredericton, grand master at arms; James Moulson, St. John, keeper of records and seal; J. R. Polley, St. Stephen, master of executive; D. M. Cochrane, inner guard; E. W. Stevens, Moncton, outer grand; S. W. Mackin, St. John, grand master.

Expert Nurses  
Miss Mary E. Lynch of Chatham and Miss Doris M. Sullivan of St. John are nurses of infantile paralysis cases in Kingston Ave Hospital, New York. Miss Sullivan is the nurse in charge of the department of diagnosis, while Miss Lynch has thirty-seven acute cases under her supervision.

## Of Course, it makes good Pastry

In fact, "Beaver" Flour is a special pastry flour. It contains the choicest Ontario fall wheat (the finest pastry wheat in the world) blended with western spring wheat to increase the strength.

## BEAVER FLOUR

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## The Union Advocate

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Results have been produced for hundreds of others who have tried our columns, and we can make good for you. There are two vital points in the advertising game. The first is to select the paper YOU KNOW has the largest circulation, and the second is to look after your advertising, changing your ads, at least twice a month in a weekly paper. The Union Advocate circulates to all corners of Northumberland County, which no other paper does, and is read by more people each week than any other paper. Is there any reason then why it should not be a better advertising medium than any other paper? If you have any doubts about the above, the subscription lists are open to interested bona-fide advertisers, why not investigate? Is it not worth your while? The Advocate has nothing to hide, and will be only too pleased to prove to advertisers the truth of the above statements. In these war times, particularly, advertisers want the very best possible results to be obtained from their advertising, and unless they use the paper that reaches the most people, they are not getting full value for the money they are spending each year. The

## Average Circulation

of The Advocate each month is steadily increasing. From January 1st, this year, until May 31st, more than 43,000 copies were printed and put in circulation, and this without special editions or extra runs—bona-fide circulation only. Nearly 45,000 circulation in five months! These figures should interest every advertiser and non-advertiser within the radius that The Advocate is covering.

## What Results are You Getting?

Are they satisfactory, or do you not think you should be getting more? If you have any doubts, why not investigate, and when convinced, investigate the advertising power of The Union Advocate. This will cost you nothing, and may prove the foundation of a successful business. Country merchants will be wise in taking this matter into consideration. Some have already done so, and have received surprising results.

## DON'T FORGET THAT WE HAVE THE BEST JOB PRINTING

plant in Northern New Brunswick, and can handle all kinds of Job work from a dodger to the very finest class of color and plain black printing. Every bit of work turned out of our office has that nice fine printed effect—no clumsy work, such as comes from poor presses and old rollers. The work is done by experienced hands and the proper touch and color is given to it. Samples sent to Canadian and American printers' journals of art have been most favorably commented on, which shows that work turned out from this office ranks with the best or it would not receive recognition at all. It goes to show further that only the best grades of stock are used. We are also prepared now to do a very fine class of

## EMBOSSING

by which your letter heads, etc., are improved fully 100 per cent. Programs, cards and menus can alike be improved by a little touch of embossing, and the extra cost is not very great. Drop in and let us show you samples of our work. We are the only office in Northern New Brunswick that does this class of embossing.

## You Take No Chances

When you order work at this office, you can rest assured that you will receive the best of consideration, whether your order be large or small. We make no discrimination. Prices are the same to everybody, and stock to suit every line of business is carried. Examine your supply and then let us hear from you.

## THE UNION ADVOCATE

Phone 23 NEWCASTLE, N. B. Box 359