

PROVINCIAL CONFERENCE FULL REPORT

(Continued from page four.)

Can that be grown here? Are they a paying crop? We have been testing varieties at the Experimental Station for six years. The sugar content and yield have both been from 14 per cent to 50 per cent above the average, of all the Experimental Stations and Farms in the Dominion and compare very favorably with the returns in Ontario where the sugar beet industry is firmly established. The Dominion Chemist stated in his last report regarding our sugar beet as follows: "The results give evidence of a large crop of an excellent quality the percentage of sugar is very high in all three varieties, the average being 17.94 per cent, while the coefficient of purity is also most satisfactory."

The great problem with this industry is the securing of efficient cheap labor. In the sugar districts of Ontario this help is largely Belgian and Austrian. The cost per acre runs about \$35.00 and the returns from \$50.00 to \$100.00. Their yields run from 12 to 15 tons per acre. The clay lands of Prince County when drained would seem to be ideal for the growing of beets for sugar.

UNDERDRAINAGE.

Intensive farming and underdrainage go hand in hand. If the land is wet it must first be drained before it can produce maximum returns from small areas. If it is dry, underdrainage conserves the moisture so that larger crops can be grown on dry land that is not underdrained. Intensive farming means the getting of all we can from the land each season. One, two and even three crops follow one another in succession, as radishes, lettuce and turnips. In order to do this the plants must connect with the great reservoir of water in the earth beneath and underdrainage helps to supply the connecting link. It removes only the free water and enables the soil to retain a larger quantity of the soil water which surrounds each particle of soil.

A six acre field on the Experimental Station just north of the DeBlois Road gave in 1915 an average yield of over 60 bushels of oats per acre, the year after it was drained. Previous to being drained it did not produce one half that much. The same season one half acre of land produced over twenty bushels of Early Red Fife Wheat or at the rate of 41 bushels and 36 lbs. per acre. The first two years we held that field it produced very little. In order to keep dry we used to walk across it on the lumps thrown up by the frost, similar to what you will find in any swamp, after crops had been sown on the dry land. This field was drained in the autumn of 1911. In 1915 the straw alone at \$4.00 per ton more than paid for the total cost of growing the crop, including rent at \$3.00 per acre, manure, labor, and the use of machinery, leaving the 20 bushels and 48 pounds of the best milling wheat as clear profit from the one half acre.

To sum up briefly: Intensive farming can be successfully followed in P. E. Island. Judging by the places that are at present following intensive farming methods, as Denmark, Holland and Long Island, in New York State, this province could support five times its present population if we were to specialize along the lines suggested. The markets of Montreal and Boston are near enough for our truck garden and small fruit products, once we have through express cars that are used. Special lines, such as the seed potato trade or the production of sugar from beets are most promising if the necessary help is available and we co-operate to produce the very best, free from diseases. The drainage pays. Our present need is cheap tile for drainage purposes.

SUGGESTIONS BY PROF. ROSS.

Professor Theodore Ross then read the following paper on the subject of Dairy Farming:

MR. CHAIRMAN:—I would like to speak on behalf of the Dairy Industry. I am aware that it is not a new industry, but I am persuaded that there are undeveloped possibilities in connection with this industry quite as great as in connection with any new industry that is likely to be established in this Province and the Dairy Industry possesses this advantage that our people are familiar with it and that we are already fully organized to carry it on. All that is required is a campaign to set forth its possibilities, to every section in a convincing way what has already been accomplished by some sections, and an adequate supply of labour.

Everyone knows that successful agriculture depends upon the growing of big crops but perhaps I might take time to bring it again to your attention. The oat crop of Prince Edward Island for the last five years has averaged about 35 bushels per acre.

The Judges in the Fields of Standing Grain Competition agreed that no field should be given full points for yield that would not give a return of 75 bushels per acre. That is, these experts on grain decided that some fields in this Province could reasonably be expected to yield 75 bushels of oats per acre. I may say that I came across quite a number of fields that I estimated would produce all of that and I know several farmers whose whole oat crop averaged over 70 bushels per acre by actual measurement.

Now what is the difference between growing a 35 bushel crop of oats and a 70 bushel crop. The cost of planting and cutting the one is just the same as the other, the cost of harvesting the latter is perhaps one dollar more and if time would permit I could show you that the profit from the farmer is only about \$7 while from the latter it is \$20.00, or almost three times as much.

Every one must see the vital importance to our Province of that 70 bushel crop and any means by which it can be brought about must merit your most careful consideration. I state without any hesitation that it can be brought about by dairying.

What are the requisites for growing a 70 bushel crop of oats per acre? Good seed, thorough cultivation and abundant fertility. I omit mention of the climate as sometimes we cannot control and therefore need not discuss. At the present time we can get and are using good seed. Our cultivation is reasonably good, but fertility is wanted and this it is, that the dairy industry can supply and supply with the capital created by itself.

A glance at the history of crop production in the Province may help to make this clear. The census returns for 1855 shows the oat production to have been 1381,000 bushels.

For 1860	2,218,000 bushels
For 1870	3,128,000 bushels
For 1880	3,538,000 bushels
For 1890	2,922,000 bushels
For 1900	4,561,000 bushels
For 1910	5,212,000 bushels

and for the last five years an average of 6,360.

INCREASE IN OATS.

From the years 1860 to 1910 there has been a steady increase in the average under oats, nevertheless the production in 1880 was 22 per cent greater than in 1890 and this decrease in production from 1880 to 1890 must be attributed to the depletion of the fertility of the soil. From 1860 to 1890 our exports of oats, barley and potatoes had been very large. For the last few years before we entered confederation, the last years for which we have accurate returns we exported upwards of 1,500,000 of oats per annum and every bushel of oats removed fertility which if repurchased in the shape of commercial fertilizers at prices current before the outbreak of the war cost 17c, that is in the thirty year period from 1860 to 1890 there was removed from the oat fields of this Province fertilizing constituents to the value of \$8,500,000, that is through the selling of oats alone, the lands of our Province were reduced in actual value by \$8,500,000. Indeed so much fertility was removed from our lands that in 1890 the average yield of oats per acre was under 19 bushels that is the oats obtained from the average acre did not pay the wages of cultivation and harvesting.

The advent of dairying changed all this. Here was an industry that enabled us to market the part of the crop which the plants took out of the air and to return to the soil practically the whole of the fertilizing constituents. Furthermore, the action of frost and rain and the operations of cultivation rendered available otherwise dormant ingredients so that the fertility of the soil was not only being conserved but also increased. The result was that by 1900 the oat crop had increased to 4,561,000 bushels. The amount of milk received at the factories had by this time reached 59,000,000, but labor had become a problem and as there seemed to be no solution of it, dairying declined. In 1902 the good seed movement was inaugurated and with it went better cultivation and rotation of crops. At the present time we are approximating the limit of improvement through cultivation and through the use of good seed. And if we are to reach the 60 bushel mark it must be through increased fertility which can be provided by Dairying and cannot be provided as easily in any other way.

(To be Continued.)

The Central Guardian

IT PAYS to buy in this Province.

LEAP YEAR Masquerade Skates, Arena tonight, 15 cents to all. 7865

BIGGEST AND BEST EVENT OF SEASON—The masked skates at Arena tonight. Only 15 cents to all. 7865

TRYON, BONSHAW AND HAMPTON—Rev. J. S. MacKay will conduct services next Sabbath, March 19th, Tryon at 11; Bonshaw at 3 and Hampton at 7.

CARD OF THANKS—The family of the late Mrs. M. A. O'Brien wish to thank their many friends for the kindness shown them during the illness and death of their mother. 7870

CAVENDISH CIRCUIT—There will be service next Sunday in the Presbyterian Church, Cavendish at 11 a. m. in Stanley Bridge at 1:30 p. m. and New Glasgow at 4 p. m.

SIGNALLING INSTRUCTOR—The New Signalling Officer, Instructor Kempton, of Halifax has arrived to assist Capt. Crockett, of the 105th Regiment.

TO-DAY'S PARADE—This being St. Patrick's Day the Irish Societies will loyally celebrate the occasion, the annual parade starting at 9:45 a. m. from the B. I. S., Hall and proceed to Queen Street, where they will be joined by the A. O. H. The parade will then march to the Cathedral where Rev. Father Herrel of St. Dunstan's College will preach a special sermon suitable to the occasion. The procession headed by the 4th Regiment Band will then parade the principal streets before returning to their rooms in the evening a big concert has been prepared to be held in the People's Theatre.

VICTORIA PERSONALS—The friends of Mr. P. H. Curtis, Victoria, will deeply regret to hear that he has been removed to the P. E. I. Hospital, as it is feared he will have to have his foot amputated. Miss Maymie McDonald, Craupud, spent Monday in Victoria the guest of Mr. and Mrs. Jabez Lea. Mr. H. R. Proffitt, Victoria, was a visitor to Craupud Wednesday. Miss Bernice Howatt, Cape Traverse is visiting friends in Victoria. Mrs. James A. Howatt and daughter Miss Pearl, Cape Traverse spent Thursday at Victoria the guest of Mrs. P. H. Curtis. Mr. Jack Proffitt, Kensington was a visitor to Victoria on Friday. Mrs. Webster Boulter, Victoria, left Thursday for Charlottetown to enter the P. E. I. Hospital for a slight operation. V.

Suggestion To Women

Who Are "Just Ready to Drop"

When you are "just ready to drop," when you feel so weak that you can hardly drag yourself about—and because you are not sleeping well, you get up as tired-out, next morning as when you went to bed, you need help. You can get it fast as Mrs. Maxwell did. She says:—

"I keep house for my little family of three, and became completely run-down. I was weak, nervous and could not sleep. Finally I was unable to do my housework. A friend asked me to try Vinol. I did so and improved rapidly. It toned up my system, I regained my strength, am no longer nervous, sleep well, and do all my housework." Mrs. J. C. Maxwell, Montgomery, Ala.

There is no secret about Vinol. It owes its success to the medicinal extracts of fresh cod livers, iron, iron and beef peptone, the oldest and most famous body-building and strength-giving tonics.

So many letters like the above are continually coming to our attention, that we freely offer to return the money paid for Vinol in every case where it fails to give satisfaction. E. A. Foster, Charlottetown, H. J. Mabon, Druggist, Souris.

THICK, SWOLLEN GLANDS

that make a horse sneeze, Roar, have Thick Wind, or Choke-down, can be reduced with

ABSORBINE

kills any Bunch or Swelling. No blister, no hair gone, and horse kept at work. Concentrated—only a few drops required at an application. \$2 per bottle delivered. Book 3 K free. ABSORBINE, Jr., antiseptic liniment for man-kind, reduces Cysts, Wens, Painful, Knotted Varicose Veins, Ulcers. \$1 and \$2 a bottle at dealers or delivered. Book "Evidence" free. W. F. Young, Proprietor, 115 St. John's Street, Montreal, Can. Absorbine and Absorbine, Jr., are made in Canada.

Friday March 24th

We have completed arrangements to have at our store on above date a

Toronto Foot Specialist

and we invite every foot sufferer to come in and see his demonstrations and get his advice which he will give FREE.

There will be no charge and no obligation to buy.

Every Person Welcome Remember the Date Friday March 24th Morris-Smith-Bier

CANCELLED.—The meeting of Hillsborough Scarlet Chapter to be held in Rose Lodge Room has been cancelled. 7871

THE STANLEY—At 3:30 yesterday the Stanley was off Cape Bear, but succeeded in getting free about nine o'clock last night.

PRIZE LIST SOURIS SEED FAIR

SEC. 1, WHITE RUSSIAN WHEAT. 1st. Vernon MacIsaac, Souris; 2nd. Jas. A. E. McDonald, Souris; 3rd. Jas. A. E. McDonald, Little Pond; 4th. A. J. MacDonald, Souris; 5th. Richard Kichham, Souris; 6th. Peter Vigneau, Rollo Bay.

SEC. 2, WHEAT WHITE FIFE. 1st. J. Gallant, New Acadia; 2nd. Temple Whalen, Rollo Bay; 3rd. Temple Whalen, Rollo Bay; 4th. Andrew Mooney, Little Harbor.

SEC. 3, OATS, ANY OTHER VARIETY. 1st. Jas. A. E. McDonald, Little Pond; 2nd. Peter Rose, Red Point.

SEC. 4, OATS, WHITE BANNER. 1st. Wm. Howlett, Gowan Brae; 2nd. A. F. Peters, Rollo Bay.

SEC. 5, OATS, WHITE LIGOWO. 1st. J. W. MacLean, Souris; 2nd. A. F. Peters, Rollo Bay; 3rd. A. J. MacDonald, Souris; 4th. Peter D. Peters, Rollo Bay.

SEC. 6, OATS ANY OTHER VARIETY. 1st. J. W. MacLean, Souris; 2nd. J. W. MacLean, Souris; 3rd. Peter D. Peters, Rollo Bay; 4th. Jos. A. MacDonald, Chepstow.

SEC. 7, OATS, ANY OTHER VARIETY. 1st. James Kichham, Souris; 2nd. Jas. A. E. McDonald, Little Pond; 3rd. Richard Kichham, Souris; 4th. Edward Peters, Rollo Bay; 5th. H. Baker, Lakeville.

SEC. 9, BARLEY 6 ROWED. 1st. Walker Bros., Launching; 2nd. Vernon MacIsaac, Souris; 3rd. A. J. MacDonald, Souris; 4th. James Kichham, Souris; 5th. Wm. Howlett, Gowan Brae; 6th. Peter Vigneau, Rollo Bay.

BARLEY 2 ROWED. 1st. Jas. A. E. McDonald, Little Pond.

SEC. 11, BUCKWHEAT. 1st. Jas. A. E. McDonald, Little Pond; 2nd. Temple Whalen, Rollo Bay; 3rd. John H. MacKinnon, Bear River.

SEC. 13, TIMOTHY. 1st. Peter Vigneau, Rollo Bay; 2nd. Wm. Howlett, Gowan Brae; 3rd. W. R. Webster, Rollo Bay; 4th. John F. MacDonald, Little Pond; 5th. Richard Kichham, Souris; 6th. Jas. A. E. McDonald, Little Pond.

SEC. 15, POTATOES, MACINTYRE. 1st. Jas. A. E. McDonald, Little Pond; 2nd. Wm. Howlett, Gowan Brae; 3rd. Walker Bros., Launching; 4th. Aeneas Baily, Elmira; 5th. C. B. Clay, Bridgetown; 6th. John Thompson, Line Road.

SEC. 16, POTATOES, WHITE SKIN. 1st. Walker Bros., Launching; 2nd. Vernon MacIsaac, Souris; 3rd. John Thompson, Line Road; 4th. Peter Walker, Launching; 5th. Wm. Howlett, Gowan Brae; 6th. Peter Vigneau, Rollo Bay.

SEC. 17, POTATOES, DAKOTA RED. 1st. C. B. Clay, Bridgetown; 2nd. Wm. Howlett, Gowan Brae; 3rd. Vernon MacIsaac, Souris; 4th. Urban Mullally, Souris; 5th. Peter Walker Bros., Launching; 6th. Peter Walker, Launching.

SEC. 18, POTATOES, RED SKIN A. O. V. 1st. Walker Bros., Launching; 2nd. Vernon MacIsaac, Souris; 3rd. Warren Aitken, Bay Fortune; 4th. John J. Deagle, Rollo Bay; 5th. Jas. A. E. McDonald, Little Pond; 6th. Jos. A. MacDonald, Chepstow.

SEC. 19, ESCHALOTS OR ONIONS. 1st. G. P. Clapp, Bay Fortune; 2nd. Wm. White, Rollo Bay.

SEC. 20, ISLAND GROWN TURNIP SEED. 1st. Jas. A. E. McDonald, Little Pond; 2nd. Peter D. Peters, Rollo Bay; 3rd. John MacKinnon, Bear River; 4th. Edward Peters, Rollo Bay.

SEC. 21, COLLECTION ISLAND WEED SEEDS. 1st. Bessie Garrett, Souris.

POULTRY. **SEC. 1, BARRED PLYMOUTH ROCK COCK.** 1st. Jas. A. E. McDonald, Little Pond.

SEC. 2, BARRED PLYMOUTH ROCK HEN. 1st. Wm. White, Rollo Bay; 2nd. Jas. A. E. McDonald, Little Pond.

SEC. 3, BARRED PLYMOUTH ROCK COCKEREL. 1st. Evangeline Paquet, Souris; 2nd. John Pope, Chepstow.

SEC. 5 WHITE WYANDOTTE COCK. 1st. G. A. MacCormack, Souris; 2nd. Mrs. Warren Aitken, Bay Fortune.

SEC. 6, WHITE WYANDOTTE HEN. 1st. G. A. MacCormack, Souris;

2nd. Mrs. Warren Aitken, Bay Fortune. **SEC. 7, WHITE WYANDOTTE COCK**

1st. G. A. MacCormack, Souris; 2nd. Wm. White, Rollo Bay. **SEC. 8, WHITE WYANDOTTE PULLETT.**

1st. Mrs. Warren Aitken, Bay Fortune; 2nd. Jos. Mallard, Head of Souris.

SEC. 9, WHITE LEGHORN COCK 1st. G. A. MacCormack, Souris; 2nd. C. B. Clay, Bridgetown.

SEC. 10, WHITE LEGHORN HEN. 1st. G. A. MacCormack, Souris; 2nd. Wm. Neale, Bear River.

SEC. 11, WHITE LEGHORN COCKEREL. 1st. Wm. Neale, Bear River; 2nd. C. B. Clay, Bridgetown.

SEC. 12, WHITE LEGHORN PULLETT. 1st. Wm. Neale, Bear River; 2nd. C. B. Clay, Bridgetown.

SEC. 13, BROWN LEGHORN COCK. 1st. Jas. A. E. MacDonald, Little Pond.

SEC. 15, BROWN LEGHORN COCKEREL. 1st. Jas. A. E. MacDonald, Little Pond.

SEC. 16 BROWN LEGHORN PULLETT. 1st. Jas. A. E. MacDonald, Little Pond.

SEC. 17, PLYMOUTH ROCK BROODING PEN. 1st. Evangeline Paquet, Souris; 2nd. Jas. A. E. MacDonald, Little Pond.

SEC. 18, WYANDOTTE, BROODING PEN. 1st. G. A. MacCormack, Souris; 2nd. Jas. Mallard, Head of Souris.

SEC. 19, LEGHORN, BROODING PEN. 1st. C. B. Clay, Bridgetown; 2nd. G. A. MacCormack, Souris.

SEC. 20, BLACK SPANISH OR A. O. V. BROODING PEN. 1st. Ewin Reid, Rollo Bay; 2nd. Evangeline Paquet, Souris.

TO REMOVE DANDRUFF Get a 25-cent bottle of Danderine at any drug store, pour a little into your hand and rub well into the scalp with the finger tips. By morning most, if not all, of this awful scurf will have disappeared. Two or three applications will destroy every bit of dandruff; stop scalp itching and falling hair.

EAT WITHOUT FEAR OF INDIGESTION OR SOUR, ACID STOMACH

INSTANT RELIEF! "PAPE'S DIAPESPIN" ENDS YOUR STOMACH TROUBLE FOR EVER.

Wonder what upset your stomach—which portion of the food did the damage—do you? Well, don't bother. If your stomach is in a revolt; if sour, gassy and upset, and what you just ate has fermented into stubborn lumps; head dizziness and aches; belch gases and acids and creates undigestible food; breath foul, tongue coated—just take a little Pape's Diapespin and in five minutes you wonder what became of the indigestion and distress.

Millions of men and women today know that it is needless to have a bad stomach. A little Diapespin occasionally keeps this delicate organ regulated and they eat their favorite foods without fear.

If your stomach doesn't take care of your liberal limit without rebellion; if your food is a damage instead of a help, remember the quickest, surest, most harmless relief is Pape's Diapespin which costs only fifty cents for a large case at drug stores. It's truly wonderful—it digests food and sets things straight, so gently and easily that it is really astonishing. Please, for your sake, don't go on and on with a weak, disordered stomach; it's unnecessary.

Painting and Decorating We do all branches of the Painting and Decorating Business. Best of references. Estimates furnished. Business established over 40 years ago. Telephone connections.

P. H. Trainor & Son 118 Kent Street Opp The Revers

PRINCE EDWARD

TODAY AT 3 O'CLOCK

Rossley's English Pantomime Co

IN

The Babes in the Wood

-TONIGHT-

A Modern Jack and Jill

Special Irish Songs and Dances by Little Kathleen Barnes, Bonnie Rossley and others

Seats on Sale at Theatre

Secure Your Tickets Early

The Little Tailor With The Big Trade



TO REMOVE DANDRUFF

Get a 25-cent bottle of Danderine at any drug store, pour a little into your hand and rub well into the scalp with the finger tips. By morning most, if not all, of this awful scurf will have disappeared. Two or three applications will destroy every bit of dandruff; stop scalp itching and falling hair.

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Let Us Take Your Measure For Your Next Suit

We carry a full line of Trafalgar and Britannia Serges, absolutely fast dyed. But the suit you want is made from the "Ross Special" Cloth. Now is the time to get your suit while the prices remain unchanged.

M. ROSS

MERCHANT TAILOR

Phone 387. 150 Great George St.

Lobster Packer's Supplies

The best plan for lobster packers is to have your factory equipped with every fitting before the season starts, so that no time will be lost from active work.

We are ready now to place in your factory a perfect plumbing system and a complete line of sanitary fixtures—trays, tables, boilers, cullinders, vats, etc.

Telephone, write or call today and see about the matter.

FRED H. TRAINOR

80 Grafton Street Opposite Prince Edward Theatre

A Most Profitable Industry Fur Farming

The Sales Board of Prince Edward Island Fox Breeders' Association has just marketed in New York twenty pelts of Prince Edward Island ranch bred foxes at an average price of

\$726.25 Each

They were not a choice lot as they were largely pelts from animals found undesirable or unprofitable in different ranches.

Prince Edward Island Black Foxes breed when one year old. The average number of young raised to Maturity is a pair per pair. They produce litters freely until eight or nine years old. The cost of keep will not exceed \$150 per pair per year including raising the young.

No more profitable investment can be made than the purchase of a pair of registered Standard Bred Foxes at present prices.

I am authorized to sell options on a limited number of pairs of this year's young, all registered and standard bred.

Interested write at once for full particulars.

W. K. ROGERS, Treasurer

Rogers-Payton Silver-Black Foxes Limited Silver Foxes and Furs, Limited, Charlottetown, P. E. I.