

ATTENTION

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FOR HIGHEST RETURNS AND PROMPT, EFFICIENT SERVICE, SHIP YOUR HOGS AND OTHER LIVESTOCK THROUGH OUR TRUCKERS EVERY WEEK.

YOU ARE INVITED TO VISIT THE LOCAL PLANT AND SEE YOUR HOGS BEING KILLED, WEIGHED AND GRADED.

Table with columns: TRUCKER/AGENT, LOADING DAY, and various locations like Albany-Victoria, Hampton, Alberton, etc.

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Table listing various locations and names of hog producers, such as CLIFFORD PETERS, GORDON J. McEWEN, etc.

SHOULD YOU NOT HAVE AN ADVERTISED TRUCKER IN YOUR VICINITY, TRUCKING WILL BE PAID TO ANY TRUCKER OR FARMER DELIVERING HIS OWN HOGS AT OUR STOCK PENS, RAILWAY WHARF, CHARLOTTETOWN. Swift Canadian Co. Limited

Field Crop Problems Discussed Yesterday

Expanded facilities and incentive for extensive crop production in Western Canada, due to increases in irrigable land areas and in land values generally, have highlighted commercial potato production in Alberta, stated Prof. R. J. Hilton, of the University of Alberta, at yesterday's meeting of the horticultural section of the Agricultural Institute of Canada.

Mr. Hilton referred to the concern felt by growers and shippers of Alberta Netted Gem potatoes over occasional serious amounts of bitterness showing up in cooked tubers of that variety. A glycosidal alkaloid of solanum tuberosum called "solanine" is believed responsible for this acid state, and extensive projects are being undertaken to determine the factors causing the increase in solanine content, and the most efficient methods of analysis. It appeared from a preliminary test that the solanine content is independent of (though frequently associated with) greening of tubers, and that in general it increases with the storage period, at least until mid-March.

Brush Control Experiments on the control of brush—chiefly hawthorns—were described by Prof. R. O. Ribbey, of the Ontario Agricultural College, Guelph, who said the chemical 2,4-D as an overall spray was effective against the species of hawthorns found in the Guelph area, if applied when the leaves were fully expanded, or about flowering time. Before this time the mixture was ineffective. Concentrations of 0.1, 0.15 and 2 percent 2,4-D were used. The chemicals 2,4-D, 2,1,5-T and mixtures of the two when sprayed on freshly cut stumps of hawthorns successfully prevented regrowth.

Mr. Ribbey described the new chemical banding method of killing brush which was tested on hawthorns and a number of other species. This method holds some promise and methods of treatment are being studied.

Tomato Blight The fungus organism Phytophthora infestans, which causes late blight on potatoes, also causes the same disease on tomatoes. This subject was dealt with at the conference by Messrs. W. Ferguson, L. H. Lyall and H. N. Raicic, of the Dominion Department of Agriculture, Ottawa, who described the experimental work now being carried on by the Department to find strains of tomatoes which have resistance to this disease.

A method has been developed for inoculating young tomato plants with the organism by spraying them with a suspension of the fungus in distilled water under optimum conditions for infection. This permits detection of infection and resistance without having to grow the plants to maturity.

Preliminary experiments showed a marked although not complete resistance in several selections of tomato strains which were obtained from the Philippine Islands, the speakers said.

The importance of tomatoes as a vegetable crop in Canada was indicated by the 1948 peak acreage, when 68,340 acres were planted to this crop.

Blueberries The lowbush blueberry was described as "the Cinderella of the fruit industry" by Mr. E. L. Eaton, of the Dominion Experiment Station at Kenville, in addressing the conference. In the three Maritime Provinces and Quebec the apple crop of 1949 had thirty times the value of blueberries; yet by 1949 the returns from the latter crop had risen to one-half that of apples. He credited this change to improved cultural, harvesting and marketing methods. Most of the progress has been on privately owned lands where systematic burning, raking, weeding and field cleaning are practiced.

Mr. Eaton also submitted a paper on the northern highbush blueberry, which exists wild from New Jersey to Michigan, extending into the southern counties of Nova Scotia and Ontario. As found in nature the plants grow to a height of some six to ten feet while the fruit is similar to that of the common lowbush species. Cultivation in New Jersey dates back about forty years and in Canada since 1926. Propagation, however, is still difficult and costly. Tests since 1942 in colder parts of Nova Scotia and Central New Brunswick indicate that the crop may be more widely adopted than originally believed.

ATTENTION Potato Growers

We have in stock a number of the new improved Hardie Sprayers. These are a new version of the famous Hardy Sprayer sold here a number of years ago, many of which are still giving satisfaction to many potato growers. James A. MacNeill & Sons Summerside

Atomic Research Solving Problems In Soil Analysis

Atomic research hit the spotlight yesterday at the Agricultural Institute of Canada convention here, but the military aspects of the subject were not discussed. Instead, Prof. C. F. Bentley, of the University of Alberta, told how his radioisotope, produced at Chalk River, Ontario, are helping soil analysts to determine what kind of fertilizer is best, when and how it should be applied, and so forth.

Radioactive sulphur is being used by the soils department of his university, Prof. Bentley said, in studying the fertilization of sulphur deficient soils. A good proportion of Alberta's farmers will probably be benefited by this work.

Experimental use of sulphur containing fertilizers applied to legume crops has produced as much as 600 percent yield increases of legume hay, and cereal crop increases of 200 or 300 percent frequently result when the cereals follow the sulphur fertilized legumes.

The usefulness of radioactive isotopes to the research worker is that they enable him to follow clearly the chemical reactions and make determinations which it was previously impossible for him to do.

Humus Problems Unsolved problems in the chemistry of soil organic matter were discussed by Prof. W. A. DeLong, of Macdonald College, Quebec, who said there was still a great deal to be learned in this connection. New methods of studying humus sometimes come from surprising sources. Thus, a new way of measuring humus is based on work done in a medical school, a new method for removing humus from soil was suggested by laundry research. Other useful ideas have come from researches in the pulp and paper, rubber tire and coal industries, while useful tools in the form of radioactive substances come as a by-product of the researches which produced the atom bomb.

A point brought out by Prof. DeLong was that properly managed soil humus is very helpful in controlling erosion. He also joined with Prof. B. B. Coldwell, of Macdonald College, in giving a paper on the composition of deciduous forest tree leaves before and after partial decomposition. Emphasis was placed on the fact that a knowledge of the amount of leaf-fall and its chemical composition can be helpful in the management of forests and forest soils.

CANADA PROVINCE OF PRINCE EDWARD ISLAND IN THE PROBATE COURT The 23rd day of June A. D. 1950. In Re Estate of ANNIE GILLIS formerly of Jamaica Plain, later of Boston in the Commonwealth of Massachusetts one of the United States of America. Single Woman deceased, testate. To the Sheriff of the County of Queen's County or any Constable or literate person within said County in said Province of Prince Edward Island.

Whereas upon reading the petition on file of William D. Gillis of Charlottetown in Queen's County aforesaid, Coal Merchant, and H. Francis MacPhee of Charlottetown aforesaid, barrister, the executors of the above named estate praying that a citation may be issued for the purpose hereinafter set forth. You are therefore hereby required to cite all persons interested in the said Estate to be and appear before the Judge present at a Probate Court to be held in the Court House in Charlottetown in Queen's County in the said Province, on Wednesday the 28th day of July next coming, at the hour of eleven o'clock forenoon of the same day to show cause if any they can why the Accounts of the said Estate should not be passed and the Estate closed as prayed for in said petition and on motion of J. Arthur McGuigan, Esquire, Proctor for said Petitioner.

And it is hereby ordered that a true copy hereof be forthwith published in some newspaper published in Charlottetown aforesaid once in each week for at least four consecutive weeks from the date hereof and that a true copy hereof be forthwith posted in the following public places respectively, namely, in the hall of the Court House in Charlottetown aforesaid, at or near the Royal Bank of Canada in Charlottetown aforesaid, and at or near the Bank of Nova Scotia in Charlottetown aforesaid, so that all persons interested in the said Estate as aforesaid may have due notice thereof. Witness, His Honour Harold Leonard Palmer, Judge of the said Probate Court at Charlottetown in Queen's County, the day and year first above written. By the Court (L.S.) (Sgd.) E. Margaret Andrew, Registrar.

NORTH AMERICAN LIFE L. S. STEVENSON GENERAL MANAGER 140 RICHMOND ST. A MUTUAL COMPANY

TIMELY NOTES ON TOPICS CONNECTED WITH Silver Fox and Mink Farming

The Saskatchewan Fur Marketing held an auction in Regina last week and sold all the muskrat pelts offered 167,922. There was a large attendance of buyers for the fine offering. Main muskrat purchases were made for Canadian accounts with American interests strongly represented and purchasing a larger percentage than at previous sales. There was also some European activity. Northern section muskrats averaged \$1.28. Other sections averaged \$1.21, \$1.65, \$1.70 and \$1.47. The offering of muskrat averages was \$1.73.

Swedish silver and platinum foxes and mink have sold higher than those in the United States because part of the furs have been disposed of in barter trading rather than at auction. This is from a report on fur farming in Sweden issued by the United States Department of Agriculture. At the four auctions held in that country during the winter of 1948-49, the average prices obtained were satisfactory and the skins are expected to be sold before the close of 1950. Prospects for coming seasons' furs are judged to be fairly good.

The report continues: "The Swedish Fur Breeders Association gives the number of fur farms at about 1,600 in 1949 compared with

about 2,000 in 1947 and 5,000 in 1930, but there are a larger number of animals per farm at present. The number of silver fox and platinum fox produced in 1949 was 34,000 with 26,000 blue fox and 140,000 mink. The report states that silver fox pups per farm averaged slightly under 2 1/2, blue fox 4 and mink slightly more than 3 young per breeding female. Production for 1950 is estimated to be 30,000 silver and platinum fox, 20,000 blue fox and 150,000 natural and mutation mink. 80% of the Swedish fur farm production is exported, with the United States the principal outlet followed by Great Britain." Referring to the above it may be mentioned that silver fox would not likely be exported to the United States, it would be one of the furs that would be sold by barter.

Women's Wear Daily gives a report of the recent sale of ranch mink and silverblu at the Canadian Fur Auction Sales Company, Montreal, last week. The ranch mink sale saw the type very strong, somewhat higher than May, though on the average unchanged. Silverblu, a comparatively small collection, was considered to have acted well. Pastels were reported 60% sold unchanged, miscellaneous mutations 65% sold, unchanged; low grades 75% sold, no comparison. New York dealers took most of the good sold but there was also some European buying of ranch mink and silverblu mink.

Ranch mink, best quality, brought up to \$30. for Ontario type and Manitoba type. Other prices ranged from \$28.50 down to \$18.25. Clavral strain brought \$23. to \$25; Silverblu mink brought up to \$34.50 for Breach of Spring; pastels brought up to \$31 and miscellaneous mutations sold from \$20. down to \$17.25. White fox was especially strong and sold 90%. It was reported 15% up compared with the May sale. Blue fox lagged and was only 30% sold but immediately afterwards private sales brought the total to about 50% with prices unchanged. It reached a top of \$10.25 for silver.

Dr. L. L. O'Reilly was re-elected President of the American National Fur Breeders Association at Milwaukee last week. The Doctor has been its President for many years. Vice Presidents included as well known fur breeders such as J. S. Stierling of Lake Placid, N.Y., J. S. Chastek of Glencoe, Minnesota and Dr. C. W. Cox of Lewiston, Montana. A resolution was adopted requesting Congressional committees to give immediate and serious consideration to the adoption of such legislation as will, either by the imposition of quota or tariff, restrict the free flow of foreign furs to the United States and bring needed relief to an American industry struggling against unequal odds.

Alternative in this resolution provided in event such restrictions be found impractical at the present time that serious consideration be given adoption of legislation calling for removal of the 20 per cent excise tax on furs when the fur garments are made from ranch-raised or wild-caught furs produced in the United States and its territories and possessions, so that American fur farmers and trappers may be able to meet competition of cheaply-produced foreign furs on a more equal footing. Another resolution urged Congressional committees to reject efforts to change internal Revenue Law covering sale of fur bearing animals raised in captivity and kept for breeding purposes and subsequently sold.

Furriers throughout the United States are confidently expecting that the 20% Federal Excise Tax will be halved within the next couple of weeks, but many believe that this will be only a partial help in bringing the fur business back to its former glory. An executive of one of the larger fur

GUERNSEY FIELD DAY

The P. E. I. Guernsey Breeders Association will hold a Field Day, Friday, June 30th, at 1.30 P.M. at the farm of J. Eric Hurry, West Royalty.

Professor Raithby and Dr. A. R. Campbell will be among the Guest Speakers.

A cordial invitation is extended to all. Ladies please bring a basket lunch. Tea, coffee and milk supplied.

Judging classes and Sports, etc., for the children.

ANNUAL MEETING

The Annual Meeting of the Prince Edward Island Ayrshire Breeders' Club will be held at the Experimenta Farm, Charlottetown on July 5th at 10:30 a.m. The program for the day is as follows:

- 10:30—Business meeting, Birch Court. 12:00—Basket Lunch. Tea and Coffee provided. 1:15—The Nova Scotia Ayrshire Breeders will join us R. O. Biggs, Dundas, Ontario and Donald Cumming, Lancaster, Ontario, will address the gathering. 2:30—Sale of Heifer Calves. 3:30—Judging classes and visits to projects of interest on the Farm. All Ayrshire Breeders are urged to attend and be on time for the business meeting as amendments to the Constitution will be discussed. Come and bring your family and enjoy a day's outing at our Experimental Farm. Signed: A. G. MacRAE, Secretary.

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firms states that the industry must accomplish two major objectives, aside from tax reductions in order to bring the business back to satisfactory levels. For one thing, he says, we must offer the consumer true values and time payments. We should find ways to offer long-term payment plans to the consumer. Instead of the average ten months the fur trade should make it possible to sell garments on six, twelve, eighteen and twenty-four months basis. We need to do this because of the tremendous competition from hard goods makers, particularly television. Interest has not been lost among the fur breeders of the far west as we notice that at the fur farmers' international summer school held at the Wisconsin Hotel, Milwaukee June 21st, over 100 fur breeders were present and a great many of them gave their views on the present state of fur farming particularly of silver fox.

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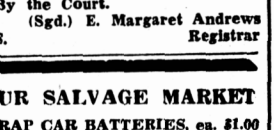
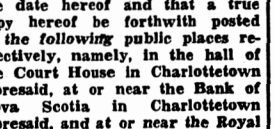
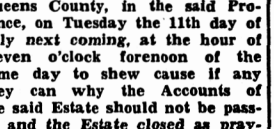
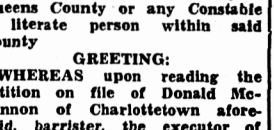
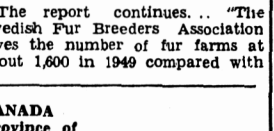
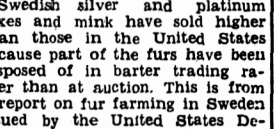
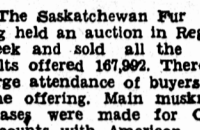
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