

Suggestions For Feeding Hogs For Market Set Forth

Common Farm-Grown Feeds Put To Best Use.

By LEONARD GRIESBACH,
Dominion Experimental Station,
Fredericton, N. B.

At the Dominion Experimental Station, Fredericton, N.B., experiments have been carried on to determine the value, when fed to hogs, of feeds commonly produced on the farm. Potatoes, skim-milk and oats were the main feeds under consideration. Hogs which were fed on a mixture of grains, mill feeds and milk were compared with hogs fed largely on a mixture of crushed oats, middlings, potatoes and milk. Two lots were started on cooked potatoes, meal and milk. Potatoes were fed at the rate of four pounds to one pound of meal.

All lots made equally good gains during the first sixty days of the feeding period. The hogs receiving raw potatoes during the finishing period required twelve days longer to finish than the meal fed lots but a considerable saving in meal was obtained in the potato fed lots. The carcasses were scored similar to those in advanced registry and there was no significant difference in the carcasses of hogs from any group.

In this test, 5.35 pounds of potatoes replaced one pound of meal. Valuing the meal at \$1.40 per hundred, the potatoes were worth 26 cents per hundred as feed. More satisfactory results are obtained when the potatoes are cooked before feeding as potatoes are worth only two-thirds as much raw as when cooked. Cooked potatoes would therefore have a value of 39 cents per hundred. At the present value of pork, feeds marketed through hogs return a handsome profit and a market is created for feeds which might otherwise be wasted.

Hogs on Advanced Registry at the Dominion Experimental Station, Fredericton, N.B., are now being fed grains and a protein supplement without any skim-milk. This is of particular interest to farmers having a supply of grains and potatoes, but little or no skim-milk.

MORTGAGE FORECLOSURE NOTICE OF SALE

Under and by virtue of a certain decree of foreclosure and sale bearing date the tenth day of September, A.D. 1934 made in a certain cause in the Supreme Court, Chancery Division, wherein The Nova Scotia Trust Company is plaintiff and Rena Pearl Clark, Executrix of the Estate of Robert Magee, deceased, and Rena Pearl Clark, Arthur John Clark and The Bank of Montreal are defendants, there will be sold at Public Auction at Chubb's Corner (so called), situate at the corner of Prince William and Princess Streets in the City of Saint John on Saturday the eighth day of December, A.D. 1934 at the hour of twelve o'clock noon, by the undersigned, a Master of the Supreme Court, pursuant to the provisions of The Judicature Act, and the Rules and regulations thereunder and the amendments thereto, at which sale all parties have leave to bid, the leasehold lands and premises in the plaintiff's Statement of Claim described as:

"All that certain lot piece or parcel of land situate lying and being in Wellington Ward in the said City of Saint John and bounded as follows:— Beginning on the easterly side line of Waterloo Street on the southwesterly corner of a lot of land formerly owned and occupied by Archibald Sinclair thence easterly along the southerly sideline of the said Sinclair lot one hundred and twenty-five (125) feet thence southerly and parallel with Waterloo Street twenty-five (25) feet thence westerly and parallel with said southerly side line of the said Sinclair lot one hundred and twenty-five (125) feet to Waterloo Street and thence northerly along the eastern side of the said street twenty-five (25) feet to the place of beginning."

DATED this second day of October, A.D. 1934.

DANIEL MULLIN,
A Master of the Supreme Court
in and for the City and County
of Saint John.

PORTER & RITCHIE,
Plaintiff's Solicitor.
Auctioneer,
ROY F. POTTS, Esquire.

Export Licenses For Hay and Straw Misunderstood

Department of Agriculture Endeavors To Make Matter Clear.

According to information reaching the Dominion Department of Agriculture, there is considerable misunderstanding concerning the Order-in-Council recently issued whereby no person in Canada shall export hay or straw without a license.

A highly speculative condition developed in Canada among hay buyers on their own account and on account of buyers elsewhere, due to the conditions that have affected large areas in Canada and the United States, and to the fact that the hay crop in the Dominion is this year considerably below normal. It was believed that the speculative condition was not in the best interests of hay producers in those areas where there is a surplus supply of hay.

In applying this Order-in-Council, which went into effect on August 24, all commitments of hay prior to commitments that had been made prior to the passing of the Order-in-Council coming into effect were given licenses for export. These licenses were also issued to exporters in respect of hay sold for delivery to all of Canada's normal markets of recent years, such as the British West Indies, Newfoundland and the British Isles.

Since 1930 when a duty of \$5 per ton was imposed on hay imported into the United States, very little hay has been exported from Canada and licenses for the export of hay to that country were temporarily withheld after August 25 last, the day following the proclamation of the Order-in-Council referred to, pending a quick survey of the hay situation throughout Canada. The information available on September 11 last indicated a surplus in the Ottawa and St. Lawrence valleys, and to a lesser extent in a few other areas in the Dominion.

All applications for licenses to export hay to the United States that had been held up between August 27 and September 11 were promptly issued, permitting hay to go forward. A more complete survey may not be available before the middle of next October. In the meantime, license will be issued to exporters for definite firm orders in hand from any part of Canada east of the province of Manitoba, and also from British Columbia. In the Province of Manitoba the issue of licenses for export of hay is restricted to areas within the province and to maximum quantities prescribed by the provincial Minister of Agriculture acting through the Manitoba Relief Commission. It is expected that similar arrangements will be made for the Provinces of Saskatchewan and Alberta.

In the working out of the federal regulations of the export of hay and straw it is felt that the interests of producers should be safeguarded in as far as may be possible.

A victorious end to science's hundred-year search for a method to prevent infantile paralysis was claimed recently by Dr. John A. Kolmer, quiet and unassuming Temple University (Philadelphia) professor and medical research director. His co-worker in lengthy research is a young Nova Scotia woman. After three years of effort, inspired by several epidemics of the disease, Dr. Kolmer said he has perfected a successful vaccine against the dread infection.

AGRICULTURE

WEEKLY NEWS BULLETIN

DOMINION EXPERIMENTAL STATION,
FREDERICTON, N. B.

HARVESTING ROOT CROPS

The harvesting of root crops will begin early in October at the Fredericton Experimental Station. At the present time, cellars where roots are to be stored are being thoroughly cleaned and aired prior to being filled with roots. Ventilators made of waste boards or strapping will be placed in cellars where any great volume of roots will be kept. This practice will aid materially in improving the keeping qualities of this crop during the winter months.

Mangels are usually pulled about the 10th of October in the Fredericton district. Some districts may be able to delay this operation until the middle of the month, but great care should be taken to avoid severe frosts. Mangels will not withstand frost like turnips, and will not keep well if left out too late in the year.

Turnips are left in the ground at the Fredericton Experimental Station until the last week of October. They can be left until the early part of November, but there is always the danger of severe weather at that season, which may result in great difficulty in harvesting. Those who delayed harvesting their turnips last season had many of them frozen in the ground and covered with snow.

Mangels and turnips should be hauled in from the field in a dry condition. This will enable the roots to be free from earth when they go into storage. If the roots are dirty and damp, the tendency to decay while in storage will be greatly increased.

If mangels and turnips are being stored in the same cellar, the turnips should be placed nearest the entrance so that they may be

fed early in the year. Mangels will keep much longer and if in good storage, will be available to feed late in June.

BACK-TO-THE-LAND MOVE IN TRINIDAD IS HUGE SUCCESS

Trinidad has taken up the back-to-the-land movement and already some 330 lots of one or two acres have been apportioned. Small settlements ranging in area from 15 to 191 acres have been divided into lots and families have been placed upon all the land allotted. The settlers in some places have found it necessary to clear land of heavy timber and underbrush.

The homesteaders have planted cocoa, bananas, cane, corn and vegetables and some have gone in for livestock. Reports show that the settlers in one season became practically self-supporting. The one acre plots are rented for four years to the settlers at a nominal rental of about \$1 a year with the option of purchasing at the end of that period or renewing on a rental basis for a further four years.

SEED REGISTRATION

The attractive premiums paid by millers of the principal wheat importing countries of Europe for Canadian milling wheat of best quality were the main incentives that led to the development of the Canadian system of inspection and registration or certification of seed crops. During the last thirty-three years that system has been modified from time to time and gradually extended to include all kinds of field and garden vegetable crops.

Radio Talks on Romance, Dividends In Agriculture

Today, This Is a Highly Diversified Industry.

Farming of yesterday was an occupation; today it is a highly diversified industry, brought about by improved methods, improved implements and material, and by the application of practical science. At the same time, modern revolutionized agriculture has lost none of its romance, and it is for this and other reasons that it has found a place in the radio programs of the coming winter.

For the next thirty weeks, from Thursday evening, October 4, to April 25, 1935, Hon. Robert Weir, Dominion Minister of Agriculture, has arranged through the courtesy and co-operation of the Canadian Radio Commission to have a five-minute talk given every Thursday over a coast-to-coast network of thirty-four stations on some phase or service of the department in relation to the general public. On the eastern network the talk will be broadcast from Ottawa at 9.00 p.m., A.S.T. From Winnipeg the broadcast will be at 8.00 p.m., A.S.T.; from Edmonton over the Calgary, Moose Jaw, Regina and Saskatoon areas at 7.00 p.m., A.S.T.; and from Vancouver to the stations in British Columbia at 9.40 p.m., A.S.T.

The talks are not to be mere, dry dissertation meant to educate the hearers, but to offer in a popular way an inkling into the highways and byways of the leading single industry of Canada.

The subjects of the talks of the first thirteen programs will be as follows: Romance in All Things; Down the Garden and Orchard Paths; Fine Feeds Make Fine Birds (The Art of Producing the Best Poultry); Hallowe'en Apples; The Nutritional Value of Dairy Products; The Milky Way (What Clean Milk Production Means); Boys' and Girls' Farm Clubs; What is Done to Assure Wholesome Meat; Canada's Best in Beef; Commercial Feeding Stuffs; Christmas Turkeys, and Christmas Giving.

Notice of Sale of Real Estate For Taxes

PUBLIC NOTICE IS HEREBY GIVEN that the parcels of Real Estate hereinafter mentioned and more particularly described in a schedule filed in my office, on the first day of July A.D., 1934, will be sold by me at the Court House, Sydney Street, in the City of Saint John, in the City and County of Saint John and Province of New Brunswick, at twelve o'clock noon, on the first day of November A.D., 1934, upon a claim of the Municipality of the City and County of Saint John for taxes and assessments due as detailed in schedule, and for school and highway taxes.

Sched. No.	Parish	No. of School Dist.	Street or Highway	Frontage Estimate of Acres	Person Assessed or Taxed	Amt. and Nature of Claim
1776	Lancaster	1	Lancaster Heights Sub-Division	Lancaster Heights Sub-Division excepting Block 1, Lots 1-15; Block 2, Lots 18, 19; Block 3, Lots 1-4, 9, 10; Block 4, Lots 1-3, 15, 19; Block 5, 1-10, 29-32; Block 6, Lots 1-4, 13-24, 33-38; Block 7, Lots 1-10, 14; Block 8, Lots 1-13, 23, 24, 27, 28, 35-38, 44-48; Block 9, Lots 1-12, 22-33, 36-43, 45-50; Block 10, Lots 11, 12, 20-23, 24A, 25-32; Block 11, Lots 1-9, 27-30, 39; Block 12, Lots 1-8; Block 13, Lots 1-8; Block 14, Lots 1-8, 12-14; Block 15, Lots 1-8.	Allen J. Simms	C. \$2901.00 S. 1657.50
873	Lancaster	14	Green Head Road	Lot No. 11, Greenhead Road, granted to George Benison December 8, 1786, and released to George A. Harding of the City of Saint John on the 27th day of March, 1917, also Lots known as Randolph Heights, lying between the Greenhead Road and Russel Hill Road excepting thereout and therefrom Lots 3, 17, 18 and 19, Block 1, and Lots 10, 11, 13, 19, 20, 21, 26, 27, 28, 40, 41, 43 and 44, Block 2, on plan of Randolph Heights.	George A. Harding	C. \$328.33 S.
59	Lancaster	11		All that lot of land and premises situate on the highway leading from Lorneville to the City of Saint John, having a frontage of 12 Rods more or less and extending back therefrom a distance of one Mile or more.	John Ferguson Estate	C. \$81.57 H. 5.81 S. 68.55
165	Lancaster	11		All that lot of land and premises situate on the northern side of the highway leading from Lorneville to the City of Saint John, having a frontage of approximately 12 Rods on the said highway, an containing 20 Acres more or less.	Harold Sullivan	C. \$19.43 H. 5.33 S. 14.80
105	Lancaster	11		All that lot of land and premises situate on the southern side of the highway leading from Lorneville to the City of Saint John, containing 20 acres more or less.	Mrs. Andrew Lee (Estate)	C. \$10.07 H. 2.50 S. 10.00

Under the heading "Amount and Nature of Claim" C. stands for County Taxes; H. stands for Highway Taxes S. stands for School Taxes.

WILLIAM A. ROSS, County Secretary.