

### Farm Machinery Can Be Killer

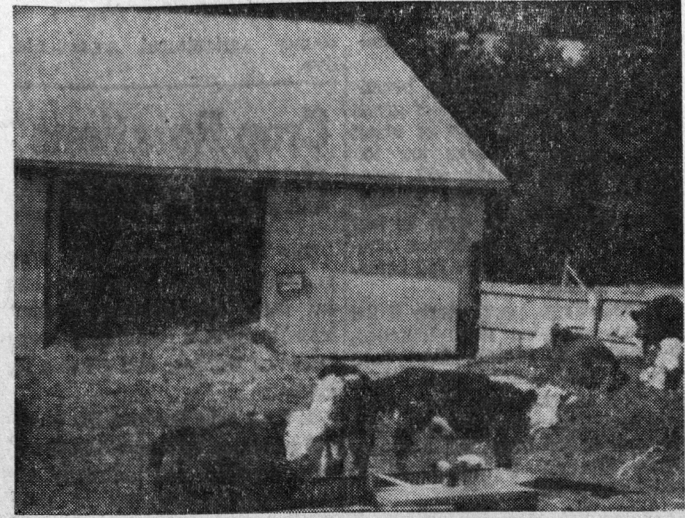
Modern farm machinery can be a deadly killer. It accounts for roughly one-half of all fatal farm work accidents. The farm tractor, our most universal machine, naturally rates highest in this group as a single source of farm accidents.

- DO'S**
- (1) Keep the tractor in safe condition at all times.
  - (2) Drive carefully along steep slopes and banks.
  - (3) Always keep power take-off shield and other safety shields in place.
  - (4) Be careful when cranking any motor.
- DONT'S**
- (1) Don't permit extra riders at any time.
  - (2) Don't travel at unsafe speeds.
  - (3) Don't dismount from tractor before stopping the power-take-off.
  - (4) Don't hitch to any part of the tractor except the drawbar.
  - (5) Don't wear loose clothing.

for the top grade still provides a market for grain that cannot be sold for as much elsewhere. It does not apply in this case since those B1 hogs were within or close to the A grade weights. It was the high proportion of fat to lean meat that largely determined the grade of the hogs, rather than weight of the carcass.

The year's grading records show that over 70 per cent of the hogs graded in Canada in 1957 were within the weight range of grade A (140 to 170 lb.). Less than 4 per cent graded "heavy" and "extra heavy".

It is evident that hog producers generally are not feeding their hogs to over-weight just to find a market for grain. But it is equally evident that the breeding stock used, or the feeding methods followed, or a combination of the two, are not producing the type of market hog that has the proportion of lean meat to fat required to provide a large percentage of top of A grade carcasses, although they are marketed within the required weight range. More lean meaty hogs are required in the food market places if pork products are to retain consumer acceptance in the face of strong competition from beef and poultry products.



Loose housing is ideal for young cattle. Here are Hereford steers to be used in pasture experiments at the Experimental farm, Charlottetown enjoying a relatively unrestricted life.

## P. E. I. Shows Way In Bangs Control

Prince Edward Island was the first Province in Canada to initiate a testing and slaughter programme for the Eradication of Brucellosis or the disease known also as Bangs Disease.

The Department of Agriculture commenced this testing and slaughter programme three years ago. At the time they obtained the assistance of the Health of Animals Division of the Canada Department of Agriculture. Since that time all the cattle over six months of age excluding tees have been blood tested.

All positive reactors were slaughtered and compensation extended to the owners. These herds as well as the herds where questionable reactors were unconvincingly retested until such time as they were negative.

Dr. K.F. Wells Veterinary Director General for Canada has declared the three counties of Prince Edward Island Certified Brucellosis Control areas. These are the first such areas and the first Province in Canada to be so declared. This Certification is until the date indicated. Kings County, January 1, 1960; Queens County, June 1, 1961; Prince County November 1, 1961.

of 112,691 cattle were tested in 8,395 herds. In considering the figures we can determine the average herd size in the Province, which stands at 13.02 head per herd. It is of interest to note that there are 1,154 owners of two and one cow herds making a total of 1731 cattle. There are 2,354 owners of five or less cow herds.

**ALL SLAUGHTERED**  
The numbers of Brucellosis reactors in the Province was 41 on the initial test and 13 on the retest making a total of 59 positive reactors. These animals were all slaughtered. The number of questionable reactors was 65.

The programme is under the direct supervision of the Health of Animals Division, Canada Department of Agriculture. This works comes under the National Brucellosis Eradication Policy. The Division is constantly on the alert and make periodic checks chiefly by utilizing the so called ring test on whole milk to determine if there is any incidence of infection in the various herds. The Health of Animals Division Officer conducting this work is the subdistrict Veterinarian Dr. R.S. MacDonald.

## Grading Records Show Hogs Are Much Too Fat

Canadian hog producers marketed 2,248,000 grade B1 hogs through inspected packing plants in 1957. This was 41 per cent of the total of 5,400,000 hogs marketed through these plants.

Had the B1 hogs graded as A's they would have brought \$5,620,000 more to the farmers who raised them—\$1.00 more per hog in government premiums and \$1.50 more per hog as the average difference in price paid by the processors for Grade A over Grade B1 hogs.

The 2 1/4 million hogs that sold as Grade B1 instead of Grade A did so for several reasons—too fat, too thin, off type, faulty shoulder, loins or hams, too rough, or showing color pigment in the skin, or a combination of two or more such faults.

Of all these reasons for the lower grade, however, "Too fat" was by far the major fault. Out of the nearly 2 1/4 million carcasses graded B1, over 54 percent, or about 1,219,000 carcasses did so only because they carried too much fat. They were within the weight limits required for grade A, were of the right type, sufficiently smooth, showed no pigment in the skin, and were good enough in the shoulder loin and ham to have graded as A's, just too much fat—fat that had to be trimmed off, where possible, and sold as lard at 15 to 20 cents pound, instead of as bacon, ham or fresh pork at from 45 to 80 cents a pound.

**OLD ARGUMENTS**  
The old argument, that marketing hogs too heavy to qualify

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# Financial Assistance Policies of the P. E. I. Department of Agriculture

## 1. Grants To Women's Institutes

Grants are paid to the Women's Institutes in the Province in accordance with the number of members in each Institute.

## 2. Farmers' Institute Policy

A grant of \$10.00 per year is paid to Farmers' Institutes on receipt of their list of members. A further grant of \$35.00 is also available under certain conditions for the purchase of approved sires.

## 3. 4-H Club Policy

Is a Dominion-Provincial Policy and the Provincial Department of Agriculture is responsible for the organization and administration of the Clubs. Each Department pays one-third of the prize money awarded in the local Club.

## 4. Assistance to Junior Farmer Organizations

The assistance given to Junior Farmer organizations consists of a grant to the Provincial organization, and assisting in certain projects that may be undertaken by the individual groups.

## 5. Assistance For Short Courses

A Short Course is held each year in conjunction with the Junior Farmers in the Province, and assistance on transportation is provided.

## 6. Assistance to Agricultural Students

Assistance is granted to students in agriculture preparing for the degrees of B.Sc. (Agr.), B.Sc. (H.Ec.) and Veterinary Medicine to the extent of \$200.00 for each year. A limited number can be accommodated in each option, and prospective students must apply to the Department of Agriculture and abide by the regulations approved by the Minister.

## 7. Grants to Breed Associations

1. A basic grant of \$300.00 will be paid to each cattle Breed Association.
2. A further grant of \$3.00 per calf registered in the Herd Book of the Breed Association in the previous year. Grants are also paid to the Swine Breeders' Association and the Sheep Breeders' Association.

## 8. Veterinary Service Policy

The Prince Edward Island Veterinary Service Policy commenced operation on June 5, 1951. Under this Policy subsidies are paid to practicing veterinarians to establish and maintain a practice. They agree to abide by a set scale of fees. The cost to the farmer is a \$3.00 call charge during normal working hours, \$5.00 at night, Sundays and holidays, plus the cost of drugs and materials when used.

## 9. Artificial Insemination

The Department pays the expenses of training inseminators, and also pays for the semen which is purchased from the Central Artificial Breeding Co-operative Ltd., Fredericton, New Brunswick. \$22,000.00 is allocated for this service during the coming year.

## 10. Dairy Herd Improvement Policy

The Department of Agriculture has again instituted a policy whereby the owners of dairy cattle may organize to have their herds tested. An Association must be composed of ten herds, and the owner must weigh the milk from each cow daily, and take samples for testing when notified.

The Department will supply all forms for the keeping of records, and will do the testing and compile the records.

The herd owner must provide himself with the necessary outfit, namely: Milk scale, sample dipper, and sample bottle for each cow.

## 11. Calfhood Vaccination

This program is continued on a voluntary basis, and the Department pays one-quarter of the cost of the vaccination.

## 12. Stallion Premium Policy

The Stallion Premium Policy for registered stallions is a Dominion-Provincial Policy, and pays \$6.00 on each foal sired by a Grade "A" stallion, and \$4.00 on those sired by a Grade "B" stallion. One-half of the bonus is paid by each Department.

## 13. Forestry Policy

A planting service was inaugurated last year by the Forestry Division whereby plants, and the labor for planting, were supplied land owners at a nominal charge per acre.

## 13. Boar Bonus Policy

A bonus of \$16.00 is paid on Class "A" boars, and 12.00 on Class "B" boars that are in active service at time of inspection. All boars to be eligible for bonus must be from dams that have an Advanced Registry score of 85 or better.

## 14. Ram Premium Policy

This is a joint Dominion-Provincial Policy, and premiums are paid at the rate of \$12.00 and \$15.00 on approved rams. One-half is paid by each Department.

## 15. Subsidy on Grade "A" Lambs

The Provincial Department pays a premium of seventy-five cents (75c) on all Grade "A" ewe and wether lambs that are rail graded through an approved packing plant in the Maritimes.

## 16. Sheep Killed by Dogs

The Department pays \$6.00 per sheep that the farmer loses through the ravages of dogs. The farmer must notify his nearest detachment of the R. C. M. P. who makes a survey and sends a report to this Department.

## 17. Worm Control in Sheep

The Department pays three cents (3c) each on the purchase of phenothiazine tablets for the control of worms in sheep.

## 18. Brooder House Policy

Assistance to the extent of one-half of the purchase price of a brooder stove, but not to exceed \$15.00, is paid poultry producers when a suitable brooder house is constructed.

## 19. Approved Flock Policy - Bloodtesting

All poultry flocks supplying eggs to the hatcheries in this Province are bloodtested by officials of the Department of Agriculture. A small charge is made for the drawing of the blood sample, and the testing is done at the Provincial Laboratory.

## 20. Cockerel Assistance Policy

This Policy provides assistance to the extent of \$1.00 per bird to those farmers who buy cockerels to head the approved flocks in the Province.

## 21. Package Bees

The Department of Agriculture pays the express on package bees imported into the Province each spring by the bee keepers.

## 22. Grants To Exhibitions

Regional Exhibitions receive a basic grant which may be increased to 80% of the prize money actually paid exhibitors, but in no case will the total grant exceed \$3,000.00. Grants are also paid to other Exhibitions and Shows within the Province, as well as to the Royal Winter Fair, Toronto, and the Maritime Winter Fair, Amherst.

## 23. Limestone Policy

A bonus of \$3.00 per ton is paid toward the freight on agricultural limestone imported into this Province. This is a Dominion-Provincial Policy, and the subsidy is paid on a 60-40 basis.

## 24. Weed Control

A subsidy is paid on the purchase of 2,4-D and MCP for weed control at the rate of four and one-half cents (4 1/2c) per ounce of acid content in each gallon, but in no case to exceed one-half the purchase price.

## 25. Soil Testing

A free soil testing service is available to the farmers of the Province, and to assist in this service the Provincial Department of Agriculture maintains an Assistant at the Soil Testing Laboratory, Experimental Farm, Charlottetown.

## 26. Assistance to Potato Growers

A certain amount of assistance is given to potato growers whose crops have been affected with certain diseases. This Policy is administered by the Potato Industry Promotion Committee, and each case is dealt with on its own merits.

## 27. Demonstration Work

Demonstration work may take the form of fertilizer tests, or testing different varieties of clovers, grains and other material.

## 28. Farm Labour

The Provincial pays one-half the transportation on seasonal farm labour which may be moved from one section of the Province to another, or brought in from another province.

## Staff Members, Department of Agriculture

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S. C. Wright, Deputy Minister  
J. V. MacIntyre, Accountant

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Richard Vessey, Check Tester  
Claude Paynter, Check Tester  
L. T. Sabine, Herd Improvement Promoter

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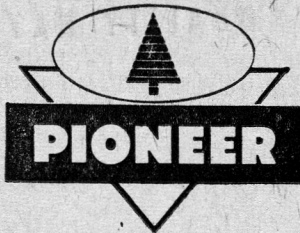
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