

LIST OF PREMIUMS
OFFERED BY THE NEW BRUNSWICK SOCIETY
For the encouragement of Agriculture, Home Manufactures and
Commerce.

I. For the best ten barrels of first or second quality of Beef and Pork cured and packed according to the directions contained in the first series of Reports of this Society, and certified after trial by the Owner, Master or Consignee of any Ship or Vessel sailing from the Province to have been as good for Ships use as that which is usually imported for the same purpose—the sum of Ten pounds.

II. For the best Essay on the management and improvement of Orchards in this Province, founded on practical observations—the sum of Five pounds.

III. For the best Essay on the improvement of the Woolen Manufactures in this Province, more particularly as regards fineness of texture and permanence of dye—the sum of Five pounds.

IV. For the best Essay on the best ways of using Turnips and other Root Crops in the feeding of Stock, together with the best modes of storing and preserving the same throughout the Winter, to be founded as far as possible on practical experience—the sum of Five pounds.

V. For the best managed Farm of not less than 25 acres, exclusive of Wood Land and Waste Land, (regard being had to the quantity and quality of produce, the manner and expense of cultivation, and the actual profits) as determined by written answers to a series of numbered questions contained in the annexed Schedule, founded on that of the New York State Society—a Silver Cup, with appropriate inscriptions, of the value of Ten pounds.

VI. For the second best ditto, as determined in same way—a Silver Cup with suitable inscription, of the value of Five pounds.

VII. For all others who may furnish full answers to the questions thus proposed, there will be awarded a set of the Albany Cultivator for 1852, or other Agricultural Publications of equal value.

VIII. For Mills and Manufactures in the various Counties of the Province where encouragement on the subject has been already held out—the sum of Eighty pounds.

SCHEDULE.

SOILS, &c.

1. Of how much land does your farm consist? and how much wood, waste, and improved land respectively?
2. What is the nature of your soil and subsoil? Is there limestone in it? What rocks are found in it?
3. What do you consider the best mode of improving the different kinds of soil on your farm? Of clay soil, if you have it—of sandy soil, and of gravelly soil? Answer separately.
4. What depth do you plough? What effect has deep ploughing had on various soils.
5. Have you made any experiments to test the difference in a succeeding crop, between shallow, common or deep ploughing?
6. Have you used the subsoil plough? and what have been its effects on different soils and crops?
7. What trees and plants were indigenous to your soil? Give the name of each.

MANURES.

8. How many loads of manure (30 bushels per load) do you usually apply per acre? How do you manage your manure? Is it kept under cover? or are there cellars under your barns or stables, for receiving it?
9. What are your means and what your methods of making and collecting manure? How many loads of manure do you manufacture annually? How many do you apply?
10. How is your manure applied; whether in its long or green state, or in compost? For what crops, or under what circumstances do you prefer using it, either in a fresh or rotten state?
11. Could you not cheaply, essentially increase your supply of manure by a little extra labor?
12. Have you used lime, plaster, guano, salt, or any substance not in common use as manure? In what manner were they used, and with what results?

TILLAGE CROPS.

13. How many acres of land do you till? and with what crops are they occupied, and how much of each crop?
14. What is the amount of seed planted or sown for each crop—the time of sowing—the mode of cultivating, and of harvesting—and the product per acre? Have any insects been found injurious to your crops? If so, describe them and the remedies adopted.
15. What kind and quantity of manure do you prefer for each, and at what times, and in what manner do you apply it?
16. How deep do you have manure covered in the earth, for different crops and different soils?
17. Have your potatoes been affected with any particular defect or disease, and have you been able to discover any clearly-proved cause for it, or found any remedy?

GRASS LANDS, &c.

18. What kind of grasses do you use? How much seed of clover, or the various kinds of grass do you sow to the acre? At what season of the year do you sow,—and what is the manner of seeding?

19. How many acres do you mow for hay, and what is the average product? At what stage do you cut grass, and what is your mode of making hay?

20. Is any of your mowing land unsuitable for the plough, and what is your mode of managing such land?

21. Have you practised irrigating or watering meadows or other lands, and with what effect? What is your particular mode of irrigation, and how is it performed?

22. Have you reclaimed any low, bog or peat lands? What was the mode pursued, the crops raised, and what the success? What length of drains have you on the farm, and how are they constructed?

DOMESTIC ANIMALS.

23. How many oxen, cows, young cattle and horses do you keep, and of what breeds are they?

24. Have you made any experiments to show the relative value of different breeds of cattle or other animals for particular purposes, and with what results?

25. What do you consider the best and cheapest manner of wintering your cattle; as to feed, watering and shelter?

26. How much butter and cheese do you make annually, from what number of cows, and what is your mode of manufacture?

27. How many sheep do you keep? Of what breed or breeds are they? How much do they yield per fleece, and what price does the wool bring? How many of your sheep usually produce lambs, and what number of lambs are annually reared? How much will your sheep or lambs sell per head to the butcher?

28. What do you consider the best and cheapest manner of wintering your sheep as to food, watering and shelter? How many in proportion to your flock (if any) do you lose during the winter? What difference (if any) between fine and coarse woolled sheep in these respects?

29. How many swine do you keep, of what breed are they, how do you feed them, at what age do you kill them, and what do they weigh when dressed.

30. What experiments have you made to show the relative value of potatoes, turnips and other root crops, compared with Indian corn, or other grain, for feeding animals, for fattening or for milk.

FRUIT.

31. What is the number of your apple trees? Are they of natural or grafted fruits? and chiefly of what varieties?

32. What number and kind of fruit trees, exclusive of apples, have you? and what are among the best of each kind?

33. What insects have attacked your trees, and what method do you use to prevent their attacks?

34. What is your general management of fruit trees.

35. What other experiments or farm operations have produced interesting or valuable results?

FENCES, BUILDINGS, &c.

36. What is the number, size and general mode of construction of your farm buildings; and their uses?

37. What kind of fences do you construct? What is the amount and length of each kind? And their cost and condition?

38. To what extent are your various farming operations guided by accurate weighing and measuring? And to what degree of minuteness are they registered by daily accounts?

39. Do you keep regular farm accounts? Can you state the annual expense in improving your farm, and the income from it, with such precision that you can at the end of year, strike an accurate balance of the debt and credit? Would not this practice conduce very much to close observation, careful farming, and in the end much improve your system, as well as better your fortune?

NOTICE TO CANDIDATES.

1. However concisely the subjects themselves be announced ample information is required concerning them. It is expected that the above questions will be answered with precision and minuteness, the applicant submitting the information according to his best knowledge, and belief of its correctness, of which an affidavit shall be made.

2. The information shall, as much as possible, be founded on experience or personal observation, and not merely on what is already in print.

3. It shall be methodically digested, and if necessary, illustrated by Drawings or Models made to scale.

4. Each Essay or Paper shall be accompanied with a sealed Note containing the name and address of the Author, and inscribed with a motto which shall correspond with a similar motto on the head of the Essay or Paper.

5. None of the Notes except that attached to the successful Papers, shall be opened; all the other Papers shall be held until claimed by their respective Authors.

6. The successful Essay or Papers shall become the Property of the Society, and may be published in whole or in part by the Society.

7. All Essays and Papers to be sent in, free of Postage, before the 10th December, 1851, to Dr. ROBB, Corresponding Secretary of the Society. The awards are payable on or after the 10th February, 1852. Decisions of the Committee of the Society will be final.

8. Certificate concerning the Beef or Pork to be sent in on or before the 1st day of March, 1852.

9. Premiums in Plate may, if the Executive Committee see fit, be paid in an equivalent of money, on the application of the successful Candidates.

J. ROBB, M.D., *Secretary.*

Fredericton, 10th April, 1851.