

First year, broken up from fallow—Oats.

Second year, with manure—Roots.

Third year—Wheat or Barley, with Grass Seeds.

Fourth year—Hay.

Fifth year—Pasture or Hay.

Sixth year—Pasture.

As by this system, with the arable portion of the farm in six divisions, a farmer will have each year two fields in grain, one in roots, such as potatoes, turnips, and carrots, one or two in hay, and one or two in pasture, it has been found that beside a progressive improvement in the quality and capability of the soil, the crops will be in exact accordance with the requirements of the farmer's family and his stock, and the manure with the fields; it is hoped that a general attempt will be made to break from the gin-horse track of a bad system, and adopt that which experience has proved to be profitable both for the present and future.

All which is respectfully submitted.

By order of the Board.

R. JARDINE, *President.*

D. B. STEVENS, *Secretary.*

*Saint John, October 30th, 1851.*

## APPENDIX.

### MODE OF SAVING AND MAKING MANURE.

In compliance with the terms on which the Saint John County Agricultural Society have offered a premium for the most economical mode of saving and making Manure, I hereby transmit to you my mode. My barn stands on a side hill, under which is my vault for saving and making manure. The cattle stand immediately over the vault. The floor of the barn is perfectly tight, with a little inclination to one end, to conduct the urine into a puncheon placed for its reception. In the first place, I deposit a quantity of muck in the bottom of the vault, then spread a layer of stable manure, mixing the horse and cow manure well together; I then spread another layer of muck, and saturate the whole heap with the urine and house slops, which are also collected in puncheons for that purpose. I then put on another layer of manure and of muck, and so on until I fill the vault, when I turn the whole heap over, and use it for top-dressing and for my crop. My manure heap is never exposed to either the rain or frost.

JAMES BROWN.

*Gardner's Creek, 26th July, 1851.*

To the St. John County Agricultural Society.

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