

ANSWERS TO QUERIES BY JOHN THOMPSON ESQ., OF NEPEAN, PRESIDENT OF DALHOUSIE AGRICULTURAL SOCIETY.

1. Fall wheat, one and one-third bushels per acre.
2. Seed down with timothy and clover.
3. 1st crop, in spring.
4. 1st oats; 2nd, potatoes or turnips; 3rd, barley and seed down; course completed 3rd year.
5. Same as No. 4.
6. Summer-fallow; sow with fall wheat and seed down.
7. 20 bush. in drills, and 12 bush. in hills.
8. I appraise of Swedish, and have grown 500 bushels per acre.
9. I sow as soon as the land is in a fit state.
10. No.
11. I have sowed gypsum on Hay and oats; lime, 100 bushels per acre, muck or compost.
12. No.
13. Draw it out of the yard and pile in the fields.
14. Subsoil ploughing.
15. Yes. I drain well, subsoil plough it, and sow it with fall wheat.
16. Draining.
17. Yes. I make them all with the spade.
18. No.
19. Wilkie's or Fleck's Iron plough.
20. A cross between Ayrshire and Durham.
21. Both, but principally horses.
22. Clydesdale horses.
23. Leicester; 7 or 8 lbs per head.
24. Berkshire; steamed potatoes mixed with crushed grain, and a month with corn or pease before killing.
25. I have no particular method of keeping my cattle.
26. Cedar log.
27. No.
28. I have sowed it, but have not been successful.
29. 15th to 20th May; on light gravelly soil, well manured, and drilled in rows 3 feet apart; 5 quart per acre; ploughed between and hoed 3 times; latter end September; about 50 bushels per acre.
30. Berrickshire.
31. Yes; I use both.
32. No.
33. I have never grown any for market.
34. I grow white beans, planted in hills, 2 feet apart; I do not feed them to sheep.
35. I grow them amongst my Indian corn.
36. I think flax might be grown with advantage to the farmer.
37. Yes; Apple; cultivate for 5 or 6 years; then seed down.
38. No.
40. Wheat, potatoes, and swedish turnips.
41. About 6 inches, but I prefer deep ploughing.
42. I sow fall wheat about 20th August; 2 bushels per acre; yield about 35 or 40 bushels.
43. Yes.

MR. ALFRED CASS' ANSWERS.

- No. 1. Wheat and turnips; and the quantity put on new land not to exceed a bushel and a quarter per acre.
2. Either oats or wheat.
3. The third year I generally seed down in the spring on the snow.
4. I generally plough up meadow or pasture land in July, if a summer-fallow I put wheat, and if fall I put potatoes and manure. I generally follow the first

crop with oats; wheat, if summer-fallow, then potatoes, wheat.

5. Similar courses to the above.
6. I have no such land.
7. From 16 to 20 bushels, if in drills.
8. Yes. I sow 2lbs of each kind per acre. Yellow swedish turnip and sugar beet. I find them generally useful for horned cattle.
9. I put the seed in the ground as soon as it is properly prepared to receive it, with the exception of Black sea wheat, which I sow about the 25th of May. The general time of planting corn is about the 10th May. The bald wheat I would sow as early as you can in the spring.
10. I would only sow it for manure.
11. I have had no experience in this.
12. I have never applied leached ashes.
13. Having it as little exposed to the weather as possible.
14. They are almost too numerous to mention but especially would I recommend the introduction of the subsoil plough.
15. I have not.
16. I consider that surplus water requires an open ditch. Covered drains are good where the land is springy.
17. I have no covered drains. I make all my ditches with a plough and spade.
18. I have.
19. I prefer the Scotch plough.
20. An amalgamation of almost every kind which has been introduced into the country.
21. Horses.
22. Canadian horses:
23. I have a mixture of different kinds of sheep; they average about 3lbs per head.
24. Berkshire; commence about 1st August, Indian corn and pease ground I consider the best.
25. I use the general mode of managing my cattle.
26. I generally prefer cedar or ash. I consider a stone fence good when the land will admit of it.
- Answer to 27 and 28—I have not.
29. Answered in the 9th. Generally on sandy or gravelly soil, well manured. Corn about a quarter of a bushel per acre. Rows straight, three feet apart; I use the cultivator, instead of the hoe; generally very late in the fall, after all the other harvesting is done; average yield of corn is from 40 to 50 bushels per acre; 100 bushels have been raised.
30. Scotch Harrow.
31. I do.
32. I grow neither.
33. Having it as free as possible from other grass, and reaping it with a sickle.
34. A quarter of an acre, about a foot apart and I find them the best thing for sheep I can feed.
35. I do.
36. The Cultivation of Orchards.
37. I have. The Common seedlings, but we are grafting some of superior quality. I do.
38. No.
39. I do. 150 lbs. of cheese per cow.
40. Indian corn has been the most profitable grain raised for some years past.
41. I plough, in general, to the depth of 8 inches.
42. I sow fall rye 1st September, a bushel and a quarter or a bushel and a half per acre.
43. I do upon light soil, and consider it preferable. September 1st, 1850.