

8. The interesting of Agricultural Societies and farmers in Standing Field Crop Competitions. (Three were started in 1910).

9. Distribution to good farmers of seed grain from prize winning fields in Field Crop Competition in 1909.

10. Demonstrations (three) in spraying of mustard.

11. Making of drainage surveys for farmers. Drainage demonstrations.

12. Demonstration of value of underdrainage by draining of low-lying portion of school grounds, 6 acres.

RESULTS.—1. Land ready for seeding and was sown 3 to 4 weeks earlier than other low-lying land of vicinity.

2. Oats and barley ripened 3 to 4 weeks earlier than other fields of same crops. Yields large.

3. Large crops of sugar beets and mangolds,—30 to 51 tons per acre according to variety—on what was before a useless swamp.

4. Large crops of potatoes, yield varying from 340 to 591 bushels per acre according to variety.

13. Conducting of demonstration plots on school grounds. Plots 3 acres in extent.

Points demonstrated in 1910:

1. That large crops could be grown after underdraining on what was before wet land. Whole scheme a demonstration of value of underdrainage.

2. Experiments in dates of seeding on (1) drained land, (2) undrained land.

3. Experiment on rates of seeding.

4. Different methods of sowing alfalfa.

5. Growing of alfalfa on low drained land. Will require two or more years yet to complete demonstrations.

6. Test of twelve different varieties of oats to show yield, date of maturity, strength of straw, freedom from rust, and to give farmers an opportunity of seeing different varieties grown under the same conditions.

7. Test of twenty varieties of corn to give farmers an opportunity of seeing nature of variety, amount of fodder, yield of grain, date of maturity, etc.

8. Test of mangolds, carrots, turnips,—a special effort to grow large crops of roots in order to interest dairy farmers in growing such crops.

9. Value of uncommon crops as rape, kale, field cabbage, Test of same. Millets, variety tests.