

A limited quantity of seed of the best of these hybrids has been produced and sent out to growers with a view to checking up their behaviour under other climatic, soil, and economic conditions in the province.

Rotation Fertilizer Experiment:

Mention was made last year of an experiment in which manure alone was compared with fertilizers alone and with fertilizers and manure combined over a period of twenty years in three rotations as follows:-

- (a) Corn, Oats, Clover Hay, and Timothy Hay,
- (b) Mangels, Barley, Clover Hay, and Timothy Hay,
- (c) Swedes, Oats, Clover Hay, and Timothy Hay.

The fertilizer applications and the average yields to date follow.

Rotation Farm. Fertilizers Applied Per Acre.

Manure Alone

20 tons of barnyard manure applied to Corn, Swedes, and Mangels.

Manure and Fertilizer

10 tons manure, 50 lbs. Nitrate of Soda and 300 lbs. Superphosphate applied to corn.

10 tons manure and 500 lbs. Superphosphate applied to swedes.

10 tons manure, 100 lbs. Nitrate of Soda and 100 lbs. Superphosphate applied to Mangels.

Fertilizers Alone

150 lbs. Nitrate of Soda, 400 lbs. Superphosphate, and 100 lbs. Muriate of Potash applied to corn.

50 lbs. Nitrate of Soda, 500 lbs. Superphosphate and 50 lbs. Muriate of Potash applied to swedes.

250 lbs. Nitrate of Soda, 100 lbs. Superphosphate, and 200 lbs. Muriate of Potash applied to mangels.

200 lbs. Superphosphate and 100 lbs. Muriate of Potash applied to First Year Hay.