

## INDEX AND DESCRIPTION OF PLATES AND CUTS.

- No. 1. Cutaway double disc three-horse harrow. A most excellent implement for preparing sod or tough land for roots.
- " 2. Double mould board plough for ribbing up.
- " 3. Two-row horse seeder.
- " 4. Hand seeder.
- " 5. Hand wheel hoe.
- " 6. Walking single cultivator.
- " 7. Two-horse, two-row riding cultivator. A most useful implement where roots are grown at all extensively.

### Plate 1—

- Fig. 1. Gate Post Mangel.
- " 2. White Sugar Mangel.
- " 3. Danish Forage Sugar Beet.

### Plate 2—

- Fig. 1. Seeding on ridges.
- " 2. Seeding on the flat.
- " 3. Man to left is seeding on flat; man to right is seeding on ridges. Team to right is ribbing up with 3-furrow double mould board plough. Team to left is rolling preparatory to seeding.

### Plate 3—

- Fig. 1. Field of mangels, Ottawa. Yield, 24 tons per acre.
- " 2. Pulling and topping.
- " 3. Pitting in field.
- " 4. Loading.

Plate 4.—Brood sows on Central Experimental Farm at Ottawa, fed on mangels, sugar mangels, sugar beets, and clover hay almost exclusively. Came through winter in excellent shape and gave good litters in early spring.

Plate 5.—Unloading into root cellar. Note slide with slotted bottom.