

Taihape School.

| Potatoes. | Size of Plots. | Date of Planting. | Date of Gathering. | Quantity of Seed per Plot. | Manures. | Quantity of Manure per Plot. | Quantity of Manure per Acre. | Produce per Plot. | Produce per Acre. | Remarks. |
|---------------------|----------------|-------------------|--------------------|----------------------------|---------------------|------------------------------|------------------------------|-------------------|-------------------|-----------------------------------|
| | | | | lb. | | oz. | Tons cwt. lb. | lb. | Tons. | |
| 1. Scotia . . . | 75 sq. ft. | 4/9/07 | 3/2/08 | 4 | Superphosphate | .. | 0 3 99 | 12½ | 3½ | Seed from Halcombe School garden. |
| 2. Edward VII | " | 4/9/07 | 3/2/08 | 7 | Blood manure | .. | 0 3 99 | 20½ | 5½ | " |
| 3. Warrior | " | 4/9/07 | 3/2/08 | 4½ | " | .. | 0 3 99 | 24½ | 6½ | " |
| 4. Springfield | " | 4/9/07 | 4/2/08 | 6 | Nitrate of soda | .. | 0 3 99 | 26 | 6¾ | " |
| 5. Eureka | " | 16/10/07 | 3/2/08 | 6 | Stable-manure | .. | 5 3 80 | 44 | 11½ | Seed from local store. |
| 6. Beauty of Hebron | " | 18/9/07 | 4/2/08 | 4 | Potato-manure | .. | 0 3 99 | 34 | 8½ | Seed from Taihape School garden. |
| 7. " " | " | 4/9/07 | 4/2/08 | 3½ | Blood manure | .. | 0 3 99 | 38 | 9½ | " |
| 8. British Queen | " | 12/9/07 | 4/2/08 | 5 | Superphosphate | .. | 0 3 99 | 43 | 11½ | " |
| 9. " " | " | 4/9/07 | 4/2/08 | 3½ | Potato-manure | .. | 0 3 99 | 20 | 5½ | " |
| 10. Dakota Red | " | 18/9/07 | 4/2/08 | 5 | Superphosphate | .. | 0 3 99 | 26 | 6¾ | Seed from local store. |
| 11. " " | " | 18/9/07 | 4/-/08 | 7 | Sulphate of ammonia | .. | 0 3 99 | 15 | 3¾ | " |
| 12. Ash-leaf Kidney | " | 4/9/07 | 4/2/08 | 3½ | " | .. | 0 3 99 | 24 | 6½ | " |
| 13. Eldorado | " | 4/9/07 | 3/2/08 | 1½ | Potato-manure | .. | 0 3 99 | 11 | 2¾ | " |
| 14. Bruce . . | " | 18/9/07 | 4/2/08 | 4½ | Blood manure | .. | 0 3 99 | 24 | 6¾ | Seed from a local farmer. |

Norres.—Soil: Light, sandy, and sloping away from the sun. Weather: Most of the potatoes were planted early in September, when the weather was very wet and cold. The Eureka seed was planted a month later, yet by December the plants were the largest and most regular in the garden. We considered that the warmer weather which followed the planting of these potatoes was one of the reasons for their quick, strong growth. On the 17th January, 1908, there was a very heavy frost which completely cut down and killed all the tops of the potatoes. We attribute the failure of the crop principally to the long spell of dry weather from the end of December to the end of February. Time of digging: Although the potatoes were not ripe, we dug them in February, as we were advised that they would start growing again when the rain came. Spraying: The potatoes were sprayed on the 13th December. They were periodically examined, but they showed no signs of blight.