

MANURIAL TEST.

Plot.	Manures per Acre.	Cost per Acre.	Weight of Crop per Acre.		Effect of Manuring.	
			Roots.	Tops.	Roots.	Tons.
		£ s. d.	Tons.	Tons.		Tons.
1	Superphosphate, 1½ cwt. ..	0 7 2	12.51	2.72	Gain,	4.08
2	Superphosphate, 3 cwt. ..	0 14 3	15.50	3.53	„	7.07
3	Superphosphate, 2 cwt.; bone-dust, ¾ cwt. ..	0 14 0	12.78	2.99	„	4.35
4	No manure	8.43	1.90
5	Same as No. 3 mixture; sulphate of potash, 28 lb. ..	0 17 9	14.96	3.80	Gain,	6.53
6	No. 5 mixture, 1½ cwt. ..	0 8 11	10.88	2.44	„	2.45
7	Same as No. 6 mixture; salt, 14 lb. ..	0 9 2	13.33	2.99	„	4.90
8	Albatross guano, 2 cwt. ..	0 10 0	14.96	3.53	„	6.53

VARIETY TEST.

Plot.	Variety.	Crop per Acre.	
		Roots.	Tops.
		Tons.	Tons.
Yellow-fleshed—			
1	Garton's Green-top Scotch	10.88	1.90
2	„ Purple-top Scotch	11.97	2.17
3	„ Inche's Bronze-top	11.69	1.36
4	„ Old Meldrum	9.52	1.36
5	„ Stobo, Blue	10.33	1.63
6	Challenge—Waite's Eclipse	11.15	1.90
7	„ Dale's Hybrid	12.78	1.63
8	Sutton's All the Year Round	11.69	2.17
9	„ Centenary	13.60	2.44
10	„ Early Sheepfold	10.06	1.90
11	„ Favourite Purple-top	16.05	2.44
12	„ Perfection Green-top	11.69	1.90
13	„ Romney Marsh	15.77	1.90
14	Montgomery's Aberdeen Green-top Yellow	7.34	1.63
15	„ Aberdeen Purple-top Yellow	8.43	2.17
16	„ Fosterton Hybrid	6.52	1.35
17	„ Green-top Yellow Tankard	8.70	2.17
18	Nimmo and Blair's Challenger	7.34	1.90
White-fleshed—			
19	Garton's Hardy Green Globe	17.41	2.17
20	Sutton's Red Paragon	16.86	1.63
21	„ Early Six Weeks	20.67	2.44
22	„ Purple-top Mammoth	17.95	1.35
23	„ Pomeranian White Globe	15.77	1.63
24	„ Imperial Green Globe	20.67	1.90
25	Montgomery's White Stone	18.50	1.35
26	„ Devonshire Greystone	14.41	1.35
27	„ Lincolnshire Red Globe	15.23	2.17

Inspector McCulloch reports: The land was well prepared to receive the seed at time of sowing, but owing to the nature of the soil being rather cold and inclined to be sour, together with the season being wet and cold, the crop made poor growth. Sorrel consequently got away, as the ground could not at any time be cultivated after the crop was sown owing to the moisture retained in the land. There is no doubt that the nature of the season affected the ground, and consequently the yield of the crop. The quality of the turnips on being cut was good in both the manurial and variety tests, and free from disease.