

MANURIAL TEST.

Plot.	Manures per Acre.	Cost per Acre.	Weight of Crop per Acre.		Effect of Manuring.
			Roots.	Tops.	
1	Superphosphate, 1½ cwt. ..	£ s. d. 0 7 2	Tons. 32.64	Tons. 12.24	Tons. Gain, 13.60
2	Superphosphate, 3 cwt. ..	0 14 3	23.94	7.61	„ 4.90
3	Superphosphate, 2 cwt.; bone-dust, ¾ cwt. ..	0 14 0	26.38	7.07	„ 7.34
4	No manure	19.04	6.80	..
5	Same as No. 3 mixture; sulphate of potash, 28 lb. ..	0 17 9	25.30	7.61	Gain, 6.26
6	No. 5 mixture, 1½ cwt. ..	0 8 11	17.68	7.88	Loss, 1.36
7	Same as No. 6 mixture; salt, 14 lb. ..	0 9 2	24.48	9.52	Gain, 5.44
8	Albatross guano, 2 cwt. ..	0 10 0	25.57	8.97	„ 6.53

VARIETY TEST.

Plot.	Variety.	Crop per Acre.	
		Roots.	Tops.
Yellow-fleshed—			
1	Garton's Green-top Scotch	Tons. 16.86	Tons. 4.62
2	„ Purple-top Scotch	30.74	8.16
3	„ Inche's Bronze-top	20.94	6.52
4	„ Old Meldrum	16.59	2.99
5	„ Stobo, Blue	22.30	4.08
6	Challenge—Waite's Eclipse	25.02	5.71
7	„ Dale's Hybrid	23.39	8.16
8	Sutton's All the Year Round	5.71	1.35
9	„ Centenary	22.58	3.26
10	„ Early Sheepfold	23.39	2.99
11	„ Favourite Purple-top	19.31	3.80
12	„ Perfection Green-top	17.41	2.99
13	„ Romney Marsh	28.29	3.80
14	Montgomery's Aberdeen Green-top Yellow	19.31	4.35
15	„ Aberdeen Purple-top Yellow	26.38	6.25
16	„ Fosterton Hybrid	22.03	5.16
17	„ Green-top Yellow Tankard	23.39	6.52
18	Nimmo and Blair's Challenger	19.31	4.89
White-fleshed—			
19	Garton's Hardy Green Globe	30.19	4.89
20	Sutton's Red Paragon	16.86	1.90
21	„ Early Six Weeks	22.03	1.63
22	„ Purple-top Mammoth	34.27	4.89
23	„ Pomeranian White Globe	27.20	3.80
24	„ Imperial Green Globe	22.03	2.17
25	Montgomery's White Stone	25.02	2.72
26	„ Devonshire Greystone	28.29	3.80
27	„ Lincolnshire Red Globe	26.11	4.89

Inspector McCulloch reports: All varieties braided well with the exception of No. 8, which must have been rather thinly sown. The seed-bed at time of sowing was in good tilth. Thorough intercultivation was given during the season. The date of sowing was rather late for the district, as the growing-period was rather too short. However, the land having a nice northerly aspect, a good crop free from disease resulted.