

VARIETY TEST.

Plot.	Variety.	Crop per Acre.	
		Roots.	Tops.
	Yellow-fleshed—	Tons.	Tons.
1	Garton's Green-top Scotch .. .. .	13-39	1-67
2	„ Purple-top Scotch .. .. .	18-21	2-67
3	„ Inche's Bronze-top .. .. .	11-07	1-42
4	„ Old Meldrum .. .. .	11-96	1-78
5	„ Stobo, Blue .. .. .	13-75	1-96
6	Challenge—Waite's Eclipse .. .. .	16-42	1-78
7	„ Dale's Hybrid .. .. .	12-85	2-32
8	Sutton's All the Year Round .. .. .	17-67	1-67
9	„ Centenary .. .. .	18-39	1-25
10	„ Early Sheepfold .. .. .	19-10	1-25
11	„ Favourite Purple-top.. .. .	16-11	2-14
12	„ Perfection Green-top .. .. .	15-89	1-42
13	„ Romney Marsh .. .. .	14-65	1-42
14	Montgomery's Aberdeen Green-top Yellow .. .. .	8-39	1-42
15	„ Aberdeen Purple-top Yellow .. .. .	15-89	2-14
16	„ Fosterton Hybrid .. .. .	15-00	2-32
17	„ Green-top Yellow Tankard .. .. .	17-85	2-85
18	Nimmo and Blair's Challenger.. .. .	9-46	1-60
	White-fleshed—		
19	Garton's Hardy Green Globe .. .. .	25-11	2-67
20	Sutton's Red Paragon .. .. .	25-35	2-50
21	„ Early Six Weeks .. .. .	21-42	1-96
22	„ Purple-top Mammoth.. .. .	27-50	3-57
23	„ Pomeranian White Globe .. .. .	27-14	3-21
24	„ Imperial Green Globe .. .. .	23-03	1-96
25	Montgomery's White Stone .. .. .	27-50	2-85
26	„ Devonshire Greystone .. .. .	27-14	3-21
27	„ Lincolnshire Red Globe .. .. .	24-28	3-03

Inspector Macdonald reports: The season during growth was particularly wet. In the manurial as well as the variety tests all roots had a healthy appearance.

OAMARU DISTRICT.

Variety Test, conducted by John Mahoney, Whitstone, Oamaru.

The land selected was a rich loam with clay and sand subsoil, and was in grass for years prior to being broken up for the present experiment. The land was ploughed and disc-harrowed twice in July, 1911; ploughed, tine-harrowed three times, and cultivated twice in August; and tine-harrowed in December, 1911. The seeds were sown in raised drills on 9th December, 1911; drills 26 in. apart. No manures were applied. The roots were pulled and weighed on 23rd May, 1912. Results:—

Plot.	Variety.	Crop per Acre.	
		Roots.	Tops.
	Yellow-fleshed—	Tons.	Tons.
1	Garton's Green-top Scotch .. .. .	29-16	3-24
2	„ Purple-top Scotch .. .. .	34-72	3-24
3	„ Inche's Bronze-top .. .. .	33-34	3-24
4	„ Old Meldrum .. .. .	19-98	2-70
5	„ Stobo, Blue .. .. .	32-41	2-77
6	Challenge—Waite's Eclipse .. .. .	19-98	2-70
7	„ Dale's Hybrid .. .. .	31-02	2-77