

## VARIETY TEST.

Plot.	Variety.	Crop per Acre.	
		Roots.	Tops.
	Yellow-fleshed— <i>continued.</i>		
14	Montgomery's Aberdeen Green-top Yellow .. ..	Tons. 14-65	Tons. 1-51
15	.. .. Aberdeen Purple-top Yellow .. ..	18-94	2-27
16	.. .. Fosterton Hybrid .. ..	22-48	2-52
17	.. .. Green-top Yellow Tankard .. ..	22-98	3-03
18	Nimmo and Blair's Challenger .. ..	13-89	1-90
	White-fleshed—		
19	Garton's Hardy Green Globe .. ..	39-40	4-29
20	Sutton's Red Paragon .. ..	14-90	1-64
21	.. .. Early Six Weeks .. ..	31-57	2-14
22	.. .. Purple-top Mammoth .. ..	25-25	1-77
23	.. .. Pomeranian White Globe .. ..	19-95	1-90
24	.. .. Imperial Green Globe .. ..	18-94	1-26
25	Montgomery's White Stone .. ..	28-79	2-78
26	.. .. Devonshire Greystone .. ..	30-80	3-02
27	.. .. Lincolnshire Red Globe .. ..	25-25	4-16

Inspector Goodall reports: The land was in excellent tilth to receive the seed. The sowing was completed under favourable conditions. The young plants suffered considerably from attack of the turnip flea-beetle (*Haltica nemorum*), consequently the plants were rather thin in places. At time of harvesting the crop all varieties were slightly affected with turnip phoma rot (*Phoma napo-brassica*).

## RANGIORA DISTRICT.

Variety Test, conducted at Rangiora Boys' High School by the Agricultural Class in charge of Mr. S. A. Clark, B.A., Assistant Master.

The tests were carried out on the school experimental area, the soil being a rich loam. Prior to the experiment the land had been for a number of years in grass. It was ploughed up in May, 1911, and dug over the following September and well cultivated. The soil in the area selected was uniform in character. The seeds were sown on the flat in rows on 19th October, 1911. No manures were applied. The roots were pulled and weighed the second week in April, 1912. Results:—

Plot.	Variety.	Crop per Acre.	
		Roots.	Tops.
	Yellow-fleshed—		
1	Garton's Green-top Scotch .. ..	Tons. 17-21	Tons. 3-90
2	.. .. Purple-top Scotch .. ..	18-26	3-81
3	.. .. Inche's Bronze-top .. ..	14-43	3-59
4	.. .. Old Meldrum .. ..	10-44	2-86
5	.. .. Stobo, Blue .. ..	16-49	3-97
6	Challenge—Waite's Eclipse .. ..	21-10	3-55
7	.. .. Dale's Hybrid .. ..	16-80	3-73
8	Sutton's All the Year Round .. ..	17-21	2-95
9	.. .. Centenary .. ..	21-25	2-42
10	.. .. Early Sheepfold .. ..	28-22	2-94
11	.. .. Favourite Purple-top.. ..	24-69	3-66
12	.. .. Perfection Green-top .. ..	18-86	2-25
13	.. .. Romney Marsh .. ..	25-81	2-62
14	Nimmo and Blair's Challenger.. ..	11-27	1-87
	White-fleshed—		
15	Garton's Hardy Green Globe .. ..	17-25	4-13
16	Sutton's Early Six Weeks .. ..	16-51	3-85
17	.. .. Purple-top Mammoth .. ..	19-62	4-64
18	.. .. Pomeranian White Globe .. ..	18-25	3-27
19	Montgomery's White Stone .. ..	18-92	4-05
20	.. .. Lincolnshire Red Globe .. ..	18-40	3-66