

It may be mentioned here that spraying experiments were carried out, testing Bordeaux mixture, lime-sulphur (strength 1 in 80), and "Tuber-tonic" (strength 3 lb. to 50 gallons water). As there was no sign of disease during the season the only effect seen was that the potatoes sprayed with the Bordeaux mixture did not ripen off so quickly as those sprayed with the Tuber-tonic and lime-sulphur.

The crop was dug between the 20th and 28th April, but owing to the very dry season after the New Year some of the varieties gave a light yield; also, one half of the paddock being a heavier soil, the varieties grown on that soil gave a heavier yield.

Following are particulars of the yields:—

Variety.	Weight per Acre.											
	Table.			Seed.			Pigs.			Total.		
	Tns.	cwt.	qr. lb.	Tns.	cwt.	qr. lb.	Tns.	cwt.	qr. lb.	Tns.	cwt.	qr. lb.
Abbey Craig ..	4	0	1 1	2	18	0 11	6	15	1 25	13	13	3 9
Breeze's Prolific ..	3	15	2 6	2	8	0 0	6	4	0 7	12	7	2 13
Commonwealth ..	6	12	2 12	1	11	2 16	2	16	2 22	11	0	3 22
Alpha ..	4	15	2 2	1	14	1 12	3	11	1 12	10	4	0 26
Coronation ..	6	1	3 13	2	2	2 5	2	6	2 15	10	11	0 5
Bismarck ..	6	2	0 0	1	6	2 16	2	16	1 18	10	5	0 6
Blue Derwent ..	4	8	0 0	2	8	0 19	3	4	3 8	10	0	3 27
Celt Scottish Seedling ..	5	10	1 12	3	10	0 6	0	13	1 5	9	13	2 23
Daniel's Sensation ..	4	6	3 1	2	11	3 12	2	14	3 17	9	13	2 2
Sutton's Bountiful ..	4	14	0 8	1	16	2 7	2	16	0 14	9	6	3 1
Conquest (White) ..	4	13	0 9	1	15	1 23	2	8	1 7	8	16	3 11
North Pole ..	4	11	0 25	2	0	1 9	1	1	0 14	7	12	2 20
Up-to-Date ..	2	15	2 18	2	8	0 26	2	5	2 4	7	9	1 20
Runciman's Purple ..	3	3	0 26	2	8	2 3	1	8	1 23	7	0	0 24
Findlay's Rosebelle ..	3	6	0 12	1	19	0 24	1	5	1 1	6	10	2 9
Duchess of Buccleugh ..	4	13	0 14	1	5	3 10	0	7	3 11	6	6	3 7
Brownell's Beauty ..	2	19	3 15	3	12	1 24	0	19	0 0	7	11	1 11
Britannia ..	2	15	2 1	1	15	2 25	1	13	3 17	6	5	0 15
Acme ..	3	16	1 23	0	19	1 3	1	15	0 1	6	10	2 27
Findlay's Aurora ..	2	16	2 1	1	17	0 25	1	6	0 0	5	19	2 26
Radium ..	3	6	0 12	1	16	0 20	0	17	0 20	5	19	1 24
Factor ..	3	5	0 11	1	14	3 17	0	19	0 2	5	19	0 2
Excelsior ..	3	3	0 18	1	8	2 9	1	5	2 0	5	17	0 27
Dalmeny Beauty ..	3	3	0 18	1	3	3 0	1	3	3 0	5	10	2 18
Dakoto Red ..	3	3	2 21	1	6	3 12	0	18	2 8	5	9	0 13
Duke of Albany ..	3	14	2 23	0	19	3 23	1	6	3 19	6	1	2 9
Dalmeny Hero ..	2	19	3 9	1	0	3 22	1	3	0 23	5	3	3 26
British Queen ..	2	6	0 6	1	13	0 27	1	6	2 10	5	5	3 15
Conquest (Purple) ..	4	15	2 26	1	4	2 11	1	8	3 12	7	9	0 21
Late Rose ..	1	11	3 18	2	2	3 7	0	17	0 1	4	11	2 26
Findlay's Challenge ..	1	17	3 16	1	5	1 1	1	7	3 19	4	11	0 8
Northern Star ..	1	5	1 26	1	13	0 27	1	9	1 0	4	7	3 25

It will be noted that although Commonwealth did not give the highest total yield, it gives the highest yield of table potatoes. Next to it are Bismarck, Coronation, and Celt. Bismarck, however, having very deep eyes, is not so useful a variety as either Coronation or Celt.—*A. W. Green, Manager, Ruakura Farm of Instruction.*