

districts where double cropping is practised and early crops raised, but apart from this it could be replaced very well by other varieties.

Arran Chief.—This variety has not in these trials justified its reputation. It is probable that virus disease has been in some measure the cause of this, since the line of seed used, although the best available, was more heavily infected than other varieties in the trial. Arran Chief should certainly not be condemned on this past season's results.

Golden Wonder was placed last in no fewer than eight trials, and only twice did it rise above tenth place. This confirms the reports from Britain, where it is considered the poorest-yielding main-crop variety. Its appearance is not attractive. It is, however, an exceptionally high-quality potato, and its usefulness is probably limited to private gardens.

TABLE 2.—EARLY MAIN CROP VARIETIES.

Variety.	Cropping-power per Acre.	Range of Adapta- bility. 0-10.	Commercial Pos- sibilities. 0-10.	Maturity.	Blight Resistance. 0-10.	Cooking-qualities.		
						Colour of Flesh.	Texture.	Comments.
	Tons.			Days.				
Arran Banner ..	9.8	10	9	144	6	White ..	Firm to floury	Good flavour.
Abundance ..	8.4	6	8	155	3	" ..	Floury ..	"
Auckland Short- top	8.2	7	10	148	8	" ..	Firm to floury	"
Great Scot ..	7.8	6	9	140	9	" ..	Firm ..	Good flavour; ten- dency to dis- colour.
Bresee's Prolific ..	7.0	3	6	150	3	" ..	Firm to floury	Medium flavour; flesh discolours on cooking.
Majestic ..	6.9	3	7	139	8	" ..	"	Good flavour.
King Edward ..	5.5	1	8	155	5	Very pale lemon	"	"
Average yield	7.7

COMMENTS ON VARIETIES INCLUDED IN TABLE 2.

Arran Banner.—This new importation was the outstanding variety in the trials, and fully confirms reports of trials carried out in England. It gained first place in five trials and second in six, and only once did it drop as low as fifth in the early main-crop group. The variety has yielded exceptionally well, producing tubers of high commercial possibilities and very good cooking-quality. It can be confidently recommended for trial almost anywhere in New Zealand on this one year's results.

Abundance gained two firsts and three seconds, and was never placed below fifth. This year's trials would indicate that the variety is not outstanding in any particular instance but has a wide range of adaptability, and its reintroduction into New Zealand has been justified.

Auckland Short-top.—(Sold extensively under the name of Sutton's Supreme.) This variety, which is probably the most popular in New Zealand at the present time, produces a high percentage of