

The first of the cauliflowers did not come in very well, but after the next rain, which was a good heavy one, they were of first-class quality. No manure was used. Mr. Grant has used manure in past seasons, but has come to the conclusion that on his soil the special application of artificial manure to this crop is of no use. The cutting and bagging of the crop entails a great deal of work. Mr. Grant's largest cut for one week was 183 sacks. The produce is sent south as far as Dunedin and north to Wellington. For the whole season the number of sacks sent away is about three thousand. In one season Mr. Grant sent to a Christchurch firm alone 25 tons of pickling-cauliflowers.—*T. N. Baxter, Fields Inspector, Waimate.*

SOYA-BEAN VARIETY TEST.

NINE varieties of Soya beans received from Purdue University, Indiana, U.S.A., were tested at the Moumahaki Experimental Farm last season. The beans were planted in October in 24 in. rows. Very bad weather followed for more than a month, but towards the end of November better conditions enabled the plants to become erect, and rapid growth followed, successfully checking the growth of weeds. Inoculated soil was not used, and no sign of nodules was observed on any of the varieties. The manure applied per acre was 8 tons farmyard, 4 cwt. Ephos phosphate, $\frac{1}{2}$ cwt. sulphate of potash, and $\frac{1}{4}$ cwt. sulphate of ammonia. The results of the test are tabulated below:—

Variety.	Date planted.	Weight pulled for Forage, 5th Feb., 1916, in Tons per Acre.	Date pulled for Seed.	Yield in Bushels per Acre (60 lb. bushel).	Average Number of Seeds per Plant.	Approximate Number of Seeds per Pound.	Number of Seeds per Pod.	Length of Straw in Inches.	Colour of Seed.
	1915.		1916.						
1. Mikado ..	Oct. 12	6.28	April 5	28	63	2,360	3	29	Yellow.
2. Auburn ..	"	13.14	"	45	122	2,828	3	46	Black.
3. Ito San ..	"	12.00	"	38	99	2,680	3	27	Yellow.
4. Tashing ..	"	12.54	"	21	59	2,950	2	33	Green.
5. Black Beauty	"	11.14	"	24	95	4,130	3	32	Black.
6. Hollybrook	"	11.14	"	20	68	3,490	2-3	27	Yellow.
7. Sable ..	"	13.14	"	24	122	5,280	2-3	34	Black.
8. Early Brown	"	14.28	"	27	65	2,520	3	37	Brown.
9. Morse ..	"	10.28	"	14	51	3,710	2	57	Brown.

—*T. W. Lonsdale, Manager, Moumahaki Experimental Farm.*