

Table 3.—Average Percentage Purity and Germination of the Main Grass-seeds.

Seed.	Average Percentage of Impurities.	Percentage of Germination.			Percentage of Samples germinating between					
		Highest.	Average.	Lowest.	0-50.	51-60.	61-70.	71-80.	81-90.	91-100.
Perennial rye-grass ..	2.7	100	86	8	3	2	8	16	28	43
Italian rye-grass ..	0.4	100	87	3	3	3	5	8	18	63
Western Wolths ..	0.2	100	90	9	5	1	1	1	16	70
Timothy ..	0.5	99	90	28	3	0	2	6	14	74
Crested dogstail ..	0.7	100	87	10	3	1	3	10	31	53
Cocksfoot ..	3.3	97	62	0	20	20	24	21	14	2
Brown-top ..	3.0	96	61	8	28	15	15	18	18	3
Chewings fescue ..	1.0	97	80	1	6	3	8	20	39	25
Meadow-fescue ..	0.2	97	58	0	50	3	6	12	12	18
Poa pratensis ..	0.5	83	52	2	32	42	18	6	2	2
Meadow-foxtail ..	5.0	85	30	3	0-20.	21-30.	31-40.	41-50.	51-60.	61-100.
Danthonia spp. ..	17.8	83	36	2	20	28	24	10	2	2
Paspalum.. ..	0.2	84	36	0	24	24	2	3	2	10
					40	9	4	5	20	23

Table 4.—Average Percentage Purity and Germination of Perennial Rye-grass, Crested Dogstail, and Cocksfoot, according to District of Origin.

Seed.	Average Percentage of Impurities.	Percentage of Samples germinating.		Average Germination.	Number of Samples.
		81-90.	91-100.		
<i>Perennial Rye-grass.</i>					
Southern	0.8	33	35	84.3	377
Canterbury	0.3	15	66	91.0	226
Sandon	0.1	36	28	82.4	157
Hawke's Bay	0.5	8	84	93.5	61
Poverty Bay	0.5	5	80	94.0	23
<i>Crested Dogstail.</i>					
Southern	0.8	34	50	88.0	486
Sandon	0.1	24	65	90.2	75
<i>Cocksfoot.</i>					
Plains	2.0	51-70.	71-80.	81-100.	
Akaroa	1.3	40	40	16	68.2
Danish	1.2	58	16	11	62.8
		36	22	25	66.2
					152

Paspalum Dilatatum.—Quality in general was good, some samples growing over 90 per cent. All the high-grade seed received was of Australian origin, most of these samples being direct from Australian seed firms.