

REPORT OF THE NATURAL SCIENCE DEPARTMENT, FIRST TERM, 1891—continued.

No.	Name.	Source.	Germinating Power per Cent.	Impurities per Cent., and Remarks.	Total Impurities per Cent.
147	Rape	Christchurch	70		
148	Rye-grass	Rangitata ..	..	Frequent Yorkshire fog and odd seeds of Brassica sp., goose-grass, and hair-grass, (<i>Festuca bromoides</i>), with traces of cocksfoot and ergot growths.	
149	Cocksfoot .. ..	" ..	..	Frequent Yorkshire fog, and odd seeds of cat's-ear (<i>Hypochaeris</i>), goose-grass, and dock.	
150	Alsike	Christchurch	69		
151	White-clover	Oamaru ..	..	Sorrel, 1; odd plantain	1
152	English red-clover .. ..	" ..	..	Various, 1; consisting of an undetermined umbelliferous plant, sorrel, dock, plantain, black-medick, fathen, timothy, &c.	1
153	English cow-grass .. ..	" ..	..	Plantain (<i>Plantago lanceolata</i>)	2
154	Alsike .. ..	" ..	..	Occasional timothy and sorrel, and odd seeds of Californian thistle, and of an undetermined composite plant.	
155	Rye-grass .. ..	" ..	..	Nearly pure.	
156	Cocksfoot .. ..	" ..	..	Yorkshire fog, 3; and odd seeds of goose-grass and timothy	
157	Red-clover	Rakaia ..	..	Rib-grass, 3; millet-grass (<i>Milium effusum</i>), 6; and various	9
158	Rye-grass	Methven ..	75	White-clover, 5; Italian rye-grass, 2; sorrel and dock, 4; goose-grass and Yorkshire fog, 2; with odd dissected geranium and many bits	13
159	"	" ..	91	Sorrel, 2; hair-grass (<i>Festuca</i>), 1½; cat's-ear, ½; soft-brome and fog, 1	5
160	Cocksfoot	" ..	47	Fog (<i>Holcus lanatus</i>)	10
161	Grass	Christchurch	..	Is <i>Poa breviglumis</i> .	
162	" .. ..	" ..	..	Is <i>Poa colensoi</i> .	
163	" .. ..	" ..	..	Is common twitch (<i>Poa pratensis</i>).	
164	Canterbury - saved green-top turnip	" ..	21	Very poor sample.	
165	Wheat	Springston ..	..	Attacked by the grain-aphis.	
166	"	Oamaru ..	..	
167	Sutton's hybrid turnip	College farm ..	93	Two-year-old seed.	
168	Vine-leaves	Christchurch	..	To state if attacked by the Phylloxera. No.	
169	Plant	Springfield ..	..	Is <i>Cerastium arvense</i> , a perennial English chickweed.	
170	Grass	Fairlie Creek	..	Is small tussac poa (<i>P. intermedia</i>).	
171	" .. ..	" ..	..	Is small tussac poa (<i>P. intermedia</i>).	
172	Sedge .. ..	" ..	..	Is <i>Carex colensoi</i> .	
173	Grass .. ..	" ..	..	Is crested hair-grass (<i>Koeleria cristata</i>).	
174	" .. ..	" ..	..	Is <i>Poa intermedia</i> var.	
175	Seed	Masterton ..	..	Is black-medick (<i>Medicago lupulina</i>).	
176	Grass	Christchurch	..	Is reflex bristle-grass (<i>Setaria verticillata</i>).	
177	Fiorin	" ..	12	Pure.	
178	Cocksfoot .. ..	" ..	..	Fog, 10, with occasional goose-grass, meadow-fescue, rye-grass, and hair-grass (<i>Festuca</i>), and much chaffy matter	10
179	" .. ..	" ..	..	Occasional Yorkshire fog; also meadow-fescue and rye-grass, as in No. 178, with a few cat's-ear; other impurities absent.	
180	Meadow-fescue	Masterton ..	53	Practically pure.	
181	Timothy	" ..	91	Practically pure; a few odd red-clover, fat-hen, Poa sp., &c.	
182	"	" ..	78	Odd seeds of small Poas, bent grass (<i>Agrostis</i>), &c.	
183	Crested dog's-tail	" ..	42	Frequent fog (<i>Holcus</i>), some agrostis, and odd plantain, ox-eye daisy, &c.	
184	"	" ..	44	Occasional undetermined and fog.	
185	Fiorin	" ..	56	Frequent rush (<i>Juncus</i> sp).	
186	<i>Poa nemoralis</i>	" ..	7	Occasional various, white-clover, alsike, chickweed, sorrel, undetermined, composite plant, &c.	
187	<i>Poa pratensis</i>	" ..	10	Odd chickweed, white-clover, sorrel, &c.	
188	White-clover	" ..	55	Sorrel, 2; occasional plantain, and various ..	2
189	American cow-grass	" ..	70	Frequent seeds of a species of umbelliferous plant, and occasional rye-grass and plantain.	
190	"	" ..	79	Occasional rye-grass, plantain, and various.	
191	English cow-grass	" ..	84	Odd seeds of plantain and dock.	
192	American red-clover	" ..	84	Frequent seeds of a species of umbelliferous plant; also rye-grass and plantain.	
193	Alsike	" ..	69	Occasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and cleavers (<i>Galium</i>).	
194	"	" ..	84	Occasional timothy, and odd red-clover, and corn (<i>Galium</i>).	
195	Espercet (Sainfoin)	" ..	35	Red-clover, 3; sheep's parsley, 2	5
196	White-mustard	" ..	98	Odd Bromus sp., sorrel, red-clover, Lucerne, and corn (<i>Galium</i>).	
197	Grass	Timaru ..	..	Is slender glumeless grass (<i>Gymnostichum gracile</i>).	
198	" .. ..	" ..	..	Is <i>Agrostis youngii</i> .	
199	Sedge .. ..	" ..	..	Is snow-grass (<i>Schoenus pauciflorus</i>).	
200	Grass .. ..	" ..	..	Is Italian rye-grass.	
201	" .. ..	" ..	..	Is meadow-fescue.	
202	" .. ..	" ..	..	Is crested hair-grass (<i>Koeleria cristata</i>).	
203	Sedge .. ..	" ..	..	Is <i>Carex forsteri</i> .	