Report of the Natural Science Department, First Term, 1891—continued.

No. Name Source Feb. Impurities per Cent., and Research. Feb. Rape Christeburch Rape Rangitate 70 Regions Rangitate 70 Regions		KEPORT OF T	HE NATURAL O	CLENCE	DEPARTMENT, FIRST LERM, 1091—continued.	
Rye-grass Rangitata Prequent Yorkshire fog and odd seeds of Brussics and particles, species, and hard grass, [Festica bromosides], with traces of cockrot and ergot growths.	No.	Name.	Source.	Germinating Power per Cent.	Impurities per Cent., and Remarks.	Total Impurities per Cent.
Cockstoot Christchurch Christc				1	goose-grass, and hair-grass, (Festuca bromoides), with	
White-clover Oamaru Sorrel, 1; old plantain 1	149	Cocksfoot	. "		Frequent Yorkshire fog, and odd seeds of cat's-ear (Hypo-	
Various, 1; consisting of an undetermined unhelliferous plants, sorted, each, plantan, black-medick, fabre, it mostly, ée. Plants, sorted, each, plantan, black-medick, fabre, it mostly, ée. Plants for the plants, sorted, each, plantan, black-medick, fabre, plants, black-medick, fabre, plants, black-medick, fabre, plants, sorted, each core, and edd seeds of Californian thistic, and of an undetermined composite plant, forming thistic, and of an undetermined composite plants, and the plants of the				69		,
Plantain (Plantago lanceolata) Plantain (Plantago lanceolata)			1	1	Various, 1; consisting of an undetermined umbelliferous plant, sorrel, dock, plantain, black-medick, fathen,	
Nearly pure. Nearly pure. Nearly pure. Nearly pure. Secondary Nearly pure. Nearly		1 Y.		l	Plantain (Plantago lanceolata) Occasional timothy and sorrel, and odd seeds of Californian thistle, and of an undetermined composite	2
timothy type grass			1	1	Nearly pure.	
Warious White-clover, 5; Italian rye-grass, 2; sorrel and dock, 4; 13			Dulania		timothy	a
Section Sect					various	
Sorrel, 2; hair-grass (Restuca), 1½; cat's-ear, ½; soft- 5	100	Tryc-grass	. Interven		goose-grass and Yorkshire fog, 2; with odd dissected	
Grass	159	. "		. 91	Sorrel, 2; hair-grass (Festuca), 1½; cat's-ear, ½; soft-	5
Second control of the control of t	160			. 47		10
Second			1	1		
Canterbury saved green-top turnip Springston Command Comma		,	. "	1		
Attacked by the grain-aphis. College farm. Oamaru College farm. Oamaru College farm. Oamaru College farm. Ostate if attacked by the Phylloxera. No. Sutton's hybrid turnip Plant Springfield Is constituent arverse, a perennial English chickweed. Is constituent arverse, a perennial English chickweed. Is small tussae poa (P. intermedia). Is small tussae poa (P. intermedia). Is small tussae poa (P. intermedia). Is cores college for Is cores coll		Canterbury - save	1 "	21	Very poor sample.	
Sutton's hybrid turnip Gollege farm. 93 Two-year-old seed. To state if attacked by the Phylloxera. No. Is crastium arvense, a perennial English chickweed. Is small tussae poa (P. intermedia). Is crast colensor. Is created bair-grass (Kolleria cristata). Is rested bair-grass (Setaria verticillata). Is rested bair-grass (1	Attacked by the grain-aphis.	
Vine-leaves Christchurch Springheld		Sutton's hybrid turni			Two-year-old seed.	
Sangle S			101 1 1	1	To state if attacked by the Phylloxera. No.	
Is small tussac poa (P. intermedia). Is create colors of the color						
			l .			
Seed Masterton Is Poa intermedia var. Is black medick (Medicago lupulina). Is reflex bristle-grass (Setaria verticillata). Is reflex bristle-grass (Festuca), and much chafty matter Is reflex bristle-grass (Festuca), and much chafty matter Is reflex bristle-grass, and hair grass (Festuca), and much chafty matter Is reflex bristle-grass, and hair grass (Festuca), and much chafty matter Is reflex bristle-grass and particillata). Is reflex bristle-grass (Aprostis, and order reflectionally pure Is reflex bristle-grass (In Prograss and particillata). Is reflex bristle-grass (In Prograss (In Prograss). Is reflex bristle-grass (In Prograss). In Red-clov			l .	1	Is Carex colensoi.	
Seed Masterton Christchurch Christchurch Christchurch Christchurch Christchurch Christchurch Christchurch Christchurch Cocksfoot Christchurch			1			
Is reflex bristle-grass (Setaria verticillata). Is reflex bristle-grass (Setaria verticillata). Pure.			Manhankan			
Fog. 10, with occasional goose-grass, meadow-fescue, rye-grass, and hair grass (Festuca), and much chaffy matter		~	Olamiakalammala	i	Is reflex bristle-grass (Setaria verticillata).	
rye-grass, and hair grass (Festuca), and much chaffy matter 179			. "	1		10
180 Meadow-fescue Masterton 53 Timothy 91 Practically pure a few odd red-clover, fat-hen, Poasp, &c. Odd seeds of small Poas, bent grass (Agrostis), &c. Frequent fog (Holcus), some agrostis, and odd plantain, ox-eye daisy, &c. Ocasional undetermined and fog. Frequent rush (Juneus sp). Ocasional various, white-clover, alsike, chickweed, sorrel, undetermined, composite plant, &c. Odd chickweed, white-clover, sorrel, &c. Sorrel, 2; ocasional plantain, and various 2 Prequent seeds of a species of umbelliferous plant, and ocasional ry-grass and plantain. Ocasional functive seds of a species of umbelliferous plant, and ocasional ry-grass and plantain. Ocasional ry-grass and plantain. Ocasional functive, and three species of undetermined composite plants; odd plantain, sorrel, and cleavers (Galium). Ocasional timothy, and odd red-clover, and corn (Galium). Ocasional timothy, and odd red-clover, and corn (Galium). Ocasional timothy, and odd red-clover, and corn (Galium). Ocasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and corn (Galium). Ocasional timothy, and odd red-clover, and corn (Galium). Ocasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and corn (Galium). Ocasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and corn (Galium). Ocasional timothy, and odd red-clover, and corn (Galium). Ocasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and corn (Galium). Ocasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and corn (Galium). Ocasional timothy and three species of undetermined composite plants; odd plantain, sorrel, and corn (Galium). Ocasion	178	Cocksfoot	, "		rye-grass, and hair-grass (Festuca), and much chaffy	10
Meadow-fescue Masterton 53 Practically pure. Practically pure; a few odd red-clover, fat-hen, Poasp., &c. Crested dog's-tail	179	. "	. "	••	Occasional Yorkshire fog; also meadow-fescue and rye- grass, as in No. 178, with a few cat's-ear; other im-	
sp., &c. Odd seeds of small Poas, bent grass (Agrostis), &c. Frequent fog (Holeus), some agrostis, and odd plantain, ox-eye daisy, &c. Occasional undetermined and fog. Frequent rush (Juneus sp). Occasional various, white-clover, alsike, chickweed, sorrel, undetermined, composite plant, &c. Odd chickweed, white-clover, sorrel, &c. White-clover American cow-grass Frequent rush (Juneus sp). Occasional various, white-clover, sorrel, &c. Sorrel, 2; occasional plantain, and various			1	1	Practically pure.	
Crested dog's-tail	101	rimouny	' "		sp., &c.	
Fiorin			1	10	Frequent fog (Holcus), some agrostis, and odd plantain,	
Fiorin Poa nemoralis Fiorin Poa nemoralis Figure rush (Juneus sp). Occasional various, white-clover, alsike, chickweed, sorrel, undetermined, composite plant, &c. Odd chickweed, white-clover, sorrel, &c. Sorrel, 2; occasional plantain, and various Frequent seeds of a species of umbelliferous plant, and occasional rye-grass and plantain. Decasional rye-grass and plantain, and various. Odd seeds of plantain and dock. Frequent seeds of a species of umbelliferous plant, and occasional rye-grass and plantain. Alsike American red-clover. American red-clover. Sequent seeds of a species of umbelliferous plant, and occasional rye-grass and plantain. Occasional rye-grass of undetermined composite plants; odd plantain, and various. Odd seeds of plantain and dock. Frequent seeds of a species of undetermined composite plants; odd plantain, and various. Occasional rye-grass and plantain. Occasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and cleavers (Galium). Occasional timothy, and odd red-clover, and corn (Galium). Beglioper (Galium). Occasional timothy, and odd red-clover, and corn (Galium). Sed-clover, 3; sheep's parsley, 2 Odd Bromus sp., sorrel, red-clover, Lucerne, and corn (Galium). Is slender glumeless grass (Gymnostichum gracile). Is slender glumeless grass (Gymnostichum gracile). Is slender glumeless grass (Schoenus pauciflorus). Is slender glumeless grass (Schoenus pauciflorus). Is meadow-fescue. Is meadow-fescue. Is meadow-fescue. Is crested hair-grass (Koelaria cristata).	184			44	Occasional undetermined and fog.	
Sorrel, undetermined, composite plant, &c.	185	Fiorin			Frequent rush (Juneus sp).	
187 Poa pratensis	186	Poa nemoralis .	. "	7		
White-clover	187	Poa vratensis .		10		
occasional rye-grass and plantain. Occasional rye-grass, plantain, and various. Odd seeds of plantain and dock. Frequent seeds of a species of umbelliferous plant; also rye-grass and plantain. Occasional tye-grass, plantain, and various. Odd seeds of plantain and dock. Frequent seeds of a species of umbelliferous plant; also rye-grass and plantain. Occasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and cleavers (Galium). Occasional timothy, and odd red-clover, and corn (Galium). Espercet (Sainfoin) White-mustard Grass Timaru Is slender glumeless grass (Gymnostichum gracile). Is Agrostis youngii. Is snow-grass (Schoenus pauciflorus). Is Halian rye-grass. Is meadow-fescue. Is meadow-fescue. Is crested hair-grass (Koelaria cristata).		White-clover .	. "	55	Sorrel, 2; occasional plantain, and various	2
190 191 English cow-grass	189	American cow-grass.	• " ••	70		
English cow-grass	100			79		
American red-clover. Alsike Alsike Begin and plantain. Cocasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and cleavers (Galium). Cocasional timothy, and odd red-clover, and corn (Galium). Espercet (Sainfoin) White-mustard Grass Timaru Bed clover, 3; sheep's parsley, 2 Odd Bromus sp., sorrel, red-clover, Lucerne, and corn (Galium). Grass Timaru Bed clover, 3; sheep's parsley, 2 Odd Bromus sp., sorrel, red-clover, Lucerne, and corn (Galium). Is slender glumeless grass (Gymnostichum gracile). Is Agrostis youngii. Is Agrostis youngii. Is snow-grass (Schoenus pauciflorus). Is Halian rye-grass. Is meadow-fescue. Is crested hair-grass (Koelaria cristata).		English cow-grass .	· •	0.4	Odd seeds of plantain and dock.	
Alsike 69 Occasional timothy, and three species of undetermined composite plants; odd plantain, sorrel, and cleavers (Galium). 194 84 Occasional timothy, and odd red-clover, and corn (Galium). 195 Espercet (Sainfoin) 35 Ned-clover, 3; sheep's parsley, 2 5 Odd Bromus sp., sorrel, red-clover, Lucerne, and corn (Galium). 197 Grass Timaru Is slender glumeless grass (Gymnostichum gracile). 198				84		
194	193	Alsike		69	Occasional timothy, and three species of undetermined	
Galium Galium Sedge Grass Galium Galium Sedge Grass Galium Galiu	194	,,	. "	84	(Galium). Occasional timothy, and odd red-clover, and corn	
Galium). Is slender glumeless grass (Gymnostichum gracile). Is Agrostis youngii. Is Agrostis youngii. Is snow-grass (Schoenus pauciflorus). Is Healian rye-grass. Is meadow-fescue. Is meadow-fescue. Is crested hair-grass (Koelaria cristata).	195	Espercet (Sainfoin) .	. ,	00	(Galium). Red-clover, 3; sheep's parsley, 2	5
198			1		(Galium).	
199 Sedge Is snow-grass (Schoenus pauciflorus). 200 Grass Is Halian rye-grass. 201 Is meadow-fescue. 202 Is crested hair-grass (Koelaria cristata).			-	1 '	Is Agrostis youngii.	
201 Is meadow-fescue. 202 Is crested hair-grass (Koelaria cristata).	199	Sedge	. "	1	Is snow-grass (Schoenus pauciflorus).	
202 Is crested hair-grass (Koelaria cristata).				1		
					Is crested hair-grass (Koelaria cristata).	
			(1	Is Carex forsteri.	