

Appendix 1: Proposed schedule and total seasonal demands

Table A 1 Proposed schedule for seasonal total demand

Soil Type		PAW Class, (mm)	Peak Design Demand (mm/day)	System Capacity to meet peak demand (l/s/ha)	Total Seasonal Demand (mm)
Intensive Pasture					
Very light and light, shallow depth with stones	Lismore silt loam, Paparua silt loam, Eyre silt loam	< 75	5.5-6.0	0.8	815
Light, shallow and medium depth with stony or sandy sub-soil	Chertsey silt loam Templeton shallow silt loam, Wakanui shallow silt loam, Waimakariri sandy loam	75-110	4.5-5.5	0.65-0.8	750
Deep, heavy	Templeton deep silt loam, Temuka and Wakanui silt and clay loam	>110	4.0-4.5	0.58-0.65	670
Arable					
Very light and light, shallow depth with stones	Lismore silt loam, Paparua silt loam, Eyre silt loam	< 75	5.5-6.0	0.8	750
Light, shallow and medium depth with stony or sandy sub-soil	Chertsey silt loam Templeton shallow silt loam, Wakanui shallow silt loam, Waimakariri sandy loam	75-110	4.5-5.5	0.65-0.8	625
Deep, heavy	Templeton deep silt loam, Temuka and Wakanui silt and clay loam	> 110	4.0-4.5	0.58-0.65	550