

8. APPENDICES

Appendix 1.

Range and mean of the major soil chemical and mechanical properties of Rengam series in Merlimau Estate

	Top soil		Sub-soil	
	Range	Mean	Range	Mean
pH	4.6 - 5.1	4.8	4.6 - 4.8	4.7
CEC (cmol kg ⁻¹)	3.07-4.27	3.82	3.33-3.60	3.47
% Organic carbon	0.99-2.10	1.56	0.43-0.73	0.58
% N	0.14-0.23	0.18	0.08-0.10	0.09
Exch. K (cmol kg ⁻¹)	0.18-0.28	0.21	0.10	0.10
Exch. Mg (cmol kg ⁻¹)	0.03-0.08	0.06	0.04	0.04
Exch. Ca (cmol kg ⁻¹)	0.05-0.43	0.24	0.14-0.18	0.16
Av. p (ppm)	6-17	13	2-3	3
Total exch. cation (cmol kg ⁻¹)	0.26-0.68	0.51	0.28-0.32	0.30
% Base saturation	6-19	14	8-10	9
% Clay	29-42	35	44-51	47
% Silt	5-10	8	4-11	9
% Coarse sand	40-50	46	33-39	36
% Fine sand	7-11	10	6-8	7