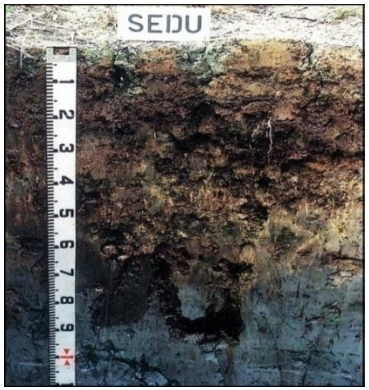
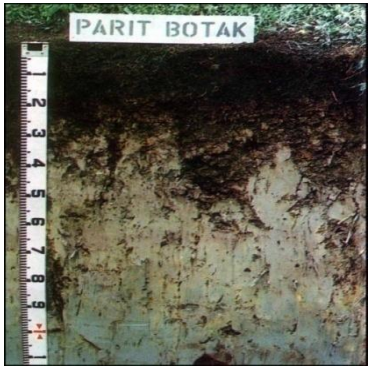
Appendix I

Potential Acid Sulfate Soils (source: Pupathy and Paramananthan, 2014)

Kranji Series Linau Series

True Acid Sulfate Soils (source: Pupathy and Paramananthan, 2014)





Sedu Series **Parit Botak Series**

Jawa Series **Tongkang Series**

Appendix II Details on oil palm yield on acid sulfate soils in Oil Palm Plantations in Malaysia (Commercial scale)

Estate: Field: Soil Serie: Hectarage: First year harvestin:	**East, Carey Island OP 78R Jawa Series 14.91981**	**West, Carey Island OP 69R Jawa Series96.41 1972**	**Sepang OP 88A1 Linau Series 79.27 1991**	**East, Carey Island OP 92C Jawa/Sedu Series 120.81 1995**	**East, Carey Island OP 85P Jawa / Sedu Series 66.61 1989**	**East, Carey Island OP 86P Jawa / Sedu Series74.25 1989**	**East, Carey Island OP 88P2 Jawa /Sedu /Tongkang Series 140.5 1991**	**Chersonese OP 82A Sedu/Briah Series 32.88 1985**	**Chersonese OP 82B Sedu/Guar Series 90.92 1985**
Year of Harvesting	**FFB yield (t/ha)**								
1st	15.03	8.81	6.23	4.74	11.11	4.67	6.24 (8M)	N/A	N/A
2nd	22.06	9.51	19.1	14.47	23.64	23.44	14.92	N/A	N/A
3rd	20.94	16.51	19.76	22.87	26.37	23.87	23.37	N/A	N/A
4th	29.11	16.64	31.3	28.59	32.01	28.24	38.21	24.75	21.68
5th	35.11	28.1	28.99	30.82	31.21	29.77	30.92	24.41	25.67
6th	26.37	23.64	30.69	33.72	37.59	39.61	30.46	31.48	29.98
7th	25.19	23.7	28.74	22.27	27.54	27.78	29.34	31.08	32.39
8th	34.04	26.97	20.64	28.55	25.73	27.22	23.59	29.63	26.61
9th	34.9	33.57	22.22	27.03	32.43	29.69	26.05	29.94	25.32
10th	22.5	23.42	24.39	26.62	21.96	20.31	31.29	38.53	40.59
11th	27.7	31.78	32.11	30.71	25.88	23.38	28.38	29.78	31.35
12th	27.41	27.95	27.95	27.69	27.97	27.22	24.43	29.61	31.97
13th	35.5	27.55	29.8	29.8	26.08	23.69	23.03	29.63	30.98
14th	33.32	23.3	24.24	31.92	25.42	22.81	25.91	30.35	26.35
15th	28.21	25.45	29.15	27.18	22.39	20.1	27.62	29.19	23.73
16th	21.2	31.55	27.01	24.01	26.62	25.84	24.63	28.47	25.79
17th	20.69	26.34	22.09	12.67 (6M)	28.1	26.61	24.76	31.09	26.5
18th	20.84	27.83	25.58	-	24.54	25.06	25.79	21.22	21.36

19th	21.97	24.03	29.5	-	27.76	25.33	25.05	23.03	20.36
20th	24.31	23.66	26.45	-	24.98	23.53	22.83	24.5	20.64
21st	21.58	23.03	11.95 (6M)	-	37.65	31.17	12.46	28.02	23.27
22nd	21.72	22.01	-	-	27.75	25.73	-	24.05	21.18
23rd	23.11	22	-	-	14.24 (6M)	11.18 (6M)	-	22.13	18.61
24th	27.12	22	-	-	-	-	-	17.35	13.99
25th	19.24	22	-	-	-	-	-	14	11.2
26th	21.42	19	-	-	-	-	-	-	-
27th	19.52	19	-	-	-	-	-	-	-
28th	9.75	19	-	-	-	-	-	-	-
29th	-	17	-	-	-	-	-	-	-
30th	-	14	-	-	-	-	-	-	-
31st	-	8.81	-	-	-	-	-	-	-
32nd	-	9.51	-	-	-	-	-	-	-
33rd	-	16.51	-	-	-	-	-	-	-
34th	-	16.64	-	-	-	-	-	-	-

(source: adapted from Pupathy and Paramananthan, 2014)