

APPENDIX B

Biosoil Preparation

Table B.1 pH of biosoil during incubating

Sludge :Alkaline / pH	CaO:FA(1:5)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	11.17	11.62	10.27	9.43	8.42	8.39	8.34
60:40	12.29	12.21	12.01	11.57	10.74	10.37	8.79
50:50	12.21	12.16	12.08	11.76	11.11	10.97	9.65
Sludge :Alkaline / pH	CaO:FA(1:6)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	11.61	11.54	11.12	10.06	9.10	8.89	8.22
60:40	11.83	10.88	10.24	9.48	8.54	8.26	8.11
50:50	12.23	12.18	12.22	12.05	11.76	11.68	11.00
Sludge :Alkaline / pH	CaO:FA(1:7)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	11.68	11.27	10.64	9.62	8.63	8.41	8.07
60:40	12.02	11.61	11.11	10.20	9.33	9.17	8.30
50:50	12.21	12.20	12.20	12.08	11.76	11.51	10.68
Sludge :Alkaline / pH	Cao:FA(1:8)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	10.96	10.36	9.91	9.30	8.23	8.16	8.08
60:40	8.86	8.57	8.27	7.79	7.45	7.63	7.88
50:50	12.07	12.08	12.05	11.92	11.26	10.94	9.55
Sludge :Alkaline / pH	Cao:FA(2:5)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	12.06	11.80	11.58	11.05	10.43	10.34	9.80
60:40	12.18	12.14	12.11	12.07	11.96	11.93	11.91
50:50	12.22	12.19	12.19	12.18	12.15	12.13	12.11
Sludge :Alkaline / pH	Cao:FA(2:6)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	11.93	11.31	10.92	10.41	10.13	9.93	9.59
60:40	12.18	12.11	12.10	12.02	11.87	11.80	11.43
50:50	12.19	12.14	12.14	12.12	12.07	12.01	11.96
Sludge :Alkaline / pH	Cao:FA(2:7)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	11.63	10.51	10.36	10.04	9.84	9.60	9.09
60:40	12.17	12.07	12.04	11.86	11.41	11.34	10.36
50:50	12.18	12.13	12.13	12.10	12.04	12.00	11.82
Sludge :Alkaline / pH	Cao:FA(2:8)						
	immediately	30min.	1 hr.	5 hrs.	22 hrs.	24 hrs.	72 hrs.
70:30	10.50	10.00	9.88	9.68	9.35	9.27	8.91
60:40	12.01	11.60	11.22	10.74	10.18	9.77	9.38
50:50	12.05	12.11	12.10	11.96	11.91	11.68	11.19