

Department of Agriculture

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A SOIL SURVEY

OF THE

TANJORE DELTA

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NOTE.—Nos. 3, 5, 7, 12 to 18 and 20 dealt with matter of temporary interest. The
apply of all other numbers omitted has been exhausted.

TABLE.

Serial number of soil.	% N. (Nitrogen.)	% CaO. Lime.)	% MgO. (Magnesia.)	Ratio MgO/CaO.	% P ₂ O ₅ . (Phosphoric acid)		% K ₂ O. (Potash.)		Name of village.
					Total.	Available.	Total.	Available.	
<i>Shiyali taluk.</i>									
1	.052	.68	.62	1/93	.078	.0113	.38	.0088	Hunnamthapuram.
2	.088	.46	.51	1/90	.021	.0011	.22	.0046	Mudalaimadu.
3	.074	.41	.66	1/62	.040	.0070	.47	.0820	Villyanallur.
4	.043	.46	.72	1/64	.028	.0013	.32	.0180	Edamnal.
5	.051	.34	.58	1/58	.063	.0069	.20	.0050	Mangamadam.
6	.058	.27	.49	1/55	.032	.0069	.25	.0084	Melaiyur.
7	.034	.46	.62	1/79	.032	.0038	.24	.0038	Kadiramangalam.
8	.045	.44	.64	1/68	.032	.0015	.20	.0058	Padirikudi.
9	.029	.49	.69	1/82	.037	.0029	.25	.0038	Perambur.
10	.047	.43	.52	1/82	.030	.0044	.23	.0042	Nemmeli.
<i>Mayavaram taluk.</i>									
11	.044	.67	.83	1/80	.044	.0028	.31	.0097	Elantoppu.
12	.062	.70	.96	1/72	.078	.0134	.33	.0077	Manamodu.
13	.038	.75	.95	1/78	.055	.0022	.33	.0081	Kilai.
14	.040	.55	.51	1/108	.041	.0017	.29	.0046	Pagasalai.
15	.032	.45	.38	1/115	.054	.0040	.22	.0039	Mudikondanallur.
16	.041	.43	.59	1/71	.032	.0002	.44	.0100	Tirukkadaiyur.
17	.055	.53	.73	1/71	.048	.0021	.33	.0050	Kattcheri.
18	.033	.65	.66	1/98	.038	.0020	.31	.0120	Tiruvilaiyattam.
19	.051	.68	.92	1/73	.046	.0011	.28	.0050	Kanjanagaram.
20	.039	.58	.86	1/66	.040	.0030	.24	.0089	Tiruvilandur.
21	.031	.55	.60	1/91	.027	.0011	.28	.0143	Nakkambadi.
22	.052	.68	.85	1/77	.054	.0080	.27	.0128	Perunjeri.
<i>Kumbakonam taluk.</i>									
23	.049	.50	.25	1/2	.044	.004	.28	.0097	Kadiramangalam.
24	.052	.45	.43	1/101	.049	.004	.26	.0066	Pandanallur.
25	.042	.65	.57	1/103	.060	.0034	.31	.0070	Tiruppanandal.
26	.046	.65	.78	1/89	.032	.0104	.37	.0066	Kanjanur.
27	.034	.65	.94	1/69	.044	.0034	.24	.0039	Solapuram.
29	.045	.50	.76	1/65	.039	.0023	.26	.0023	Umamahesvaram.
30	.043	.50	.46	1/108	.045	.0022	.30	.0043	Pavundarigapuram.
31	.041	.68	.67	1/85	.031	.0036	.16	.0038	Tiruchirai.
32	.059	.60	.46	1/130	.072	.0068	.38	.0093	Melakkorukkai.
33	.066	.73	1.05	1/69	.057	.0043	.36	.0058	Baburajapuram.
34	.045	.63	.92	1/69	.062	.0054	.29	.0043	Kadihambadi
<i>Papanasam taluk.</i>									
35	.080	.70	.77	1/9	.084	.0062	.48	.0062	Vadasarukkai.
36	.024	.33	.48	1/171	.023	.0032	.23	.0120	Padagacheri.
37	.024	.50	.43	1/116	.016	.0014	.11	.0066	Narttanguadi.
38	.048	.55	.37	1/148	.089	.034	.32	.0120	Velur.
39	.086	.48	.50	1/96	.080	.032	.25	.0043	Iluppakurai.
54	.047	.68	.58	1/116	.066	.0108	.31	.0031	Agaramangudi.
55	.028	.65	.23	1/282	.028	.0028	.19	.0081	Pundi.
56	.081	.30	.16	1/187	.017	.0004	.12	.0054	Kilakovilpattu.

Serial number of soil.	% N. (Nitrogen.)	% CaO. (Lime.)	% MgO. (Magnesia.)	Ratio MgO/CaO.	% P ₂ O ₅ . (Phosphoric acid)		% K ₂ O. (Potash.)		Name of village.
					Total.	Available.	Total.	Available.	

Tanjore taluk.

40	·052	·55	·41	1/1·34	·082	·0212	·45	·0155	Perumbiliyur.
41	·069	·50	·61	1/1·98	·060	·0110	·44	·0139	Tiruvadi.
42	·037	·33	·18	1/1·8	·071	·0303	·21	·0136	* Kaliyanapuram.
43	·060	·55	·36	1/1·53	·059	·0102	·43	·0155	Nadukkaveri.
44	·071	·50	·45	1/1·11	·056	·009	·35	·0097	Maruvur.
45	·069	·45	·37	1/1·22	·047	·0119	·28	·0077	Vishnampet.
46	·036	·28	·33	1/1·76	·072	·0185	·19	·0066	Koiladi.
47	·031	·50	·35	1/1·43	·029	·0021	·31	·0112	Arkadu.
48	·015	·18	·13	1/1·34	·012	·001	·16	·0066	Ammayagaram.
49	·027	·95	·70	1/1·35	·028	·0043	·31	·0070	Tenpirambur.
50	·043	·22	·17	1/1·29	·027	·0003	·19	·0078	Vallam.
51	·055	·15	·08		·030	·0004	·31	·0035	Madiyai.
52	·021	·86	·27	1/2·94	·01	·0007	·10	·0035	Sadayarkoil.
53	·042	·75	·82	1/1·91	·042	·0053	·35	·0070	Ramapuram.
57	·060	·55	·39	1/1·41	·078	·0104	·44	·0136	Togur.

Mannargudi taluk.

58	·036	·24	·38	1/1·63	·016	·0013	·12	·0081	Vaduvur.
59	·032	·92	·70	3/1·31	·028	·0020	·20	·0116	Nidamangalam.
60	·033	·29	·10	1/2·9	·027	·0013	·22	·0074	Vadakkarayal.
61	·041	·54	·38	1/1·42	·042	·0027	·27	·0066	Letchamangudi.
62	·037	·55	·32	1/1·72	·035	·0013	·31	·0070	Mannargudi.
63	·021	·075	·015		·014	·0031	·097	·0012	Solapandi.
64	·051	·49	·35	1/1·40	·028	·0039	·26	·0074	Adichapuram.
65	·032	·35	·29		·015	·0013	·19	·0082	Palaiyar.
66	·025	·60	·33		·20	·0012	·20	·0074	Kurichimulai.
67	·022	·33	·22		·012	·0012	·14	·0043	Peruvalndan.

Tirutturaippundi taluk.

68	·045	·45	·62		·054	·0130	·78	·0291	Muttupet.
69	·060	·60	·37		·045	·0062	·34	·0167	Udavamarthandapuram.
70	·039	·53	·74		·035	·0031	·55	·0252	Kunnalur.
71	·039	·53	·66		·030	·0023	·59	·0314	Pichangottagam.
72	·037	·19	·24		·022	·0022	·54	·0264	Tulasapuram.
73	·041	·53	·40	1/1·32	·038	·0047	·30	·0078	Tirutturaippundi.
74	·041	·68	·31	1/2·23	·033	·0030	·31	·0078	Alattambadi.
75	·057	·75	·21		·045	·0027	·60	·0190	Sittayamar.

Negapatam taluk.

76	·033	·75	·70	1/1·08	·029	·0021	·32	·0089	Koilkannapur.
77	·044	·63	·77	1/1·81	·034	·0027	·28	·0100	Radanallur.
78	·050	·74	·74	1/1·94	·037	·0021	·33	·0093	Kuttur.
79	·032	·82	·82	1/1·03	·039	·0019	·42	·0100	Tiruvalur.

* Dry land soil.

Serial number of soil.	% N. (Nitrogen.)	% CaO. (Lime.)	% MgO. (Magnesia.)	Ratio MgO/CaO.	% P ₂ O ₅ . (Phosphoric acid)		% K ₂ O. (Potash.)		Name of village.
					Total.	Available.	Total.	Available.	

Nannilam taluk.

80	·036	·47	·44	1/1·06	·021	·0009	·20	·1150	Melaterumadikkunnam.
81	·032	·87	·61	1/1·42	·032	·0034	·37	·0098	Koradacheri.
82	·026	·70	·58	1/1·2	·022	·0008	·16	·0035	Sellur.
83	·039	·45	·35	1/1·28	·026	·0017	·17	·0890	Oadakandam.
84	·035	·70	·71	1/1·99	·04	·0017	·27	·0330	Kangalancheri.
85	·035	·48	·43	1/1·1	·028	·0003	·20	·0110	Periyakannamangalam.
86	·033	·86	·89	1/1·92	·019	·0013	·23	·0089	Tittacheri.
87	·037	·62	·66	1/1·94	·027	·0006	·26	·0350	Polagam.
88	·034	·41	·45	1/1·91	·018	·0009	·20	·0048	Sannanallur.
89	·027	·75	·75	1/1	·021	·0004	·21	·0042	Vaikkal.
90	·047	·56	·83	1/1·67	·034	·0012	·28	·0054	Vishnuparam.
91	·034	·33	·47	1/1·70	·028	·0007	·14	·0054	Paralam-Injikudi.
92	·044	·47	·56	1/1·83	·035	·003	·28	·0077	Nedungulam.

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