

TABLE III.—CHEMICAL ANALYSES.

Topsoils, 0 in.—6 in.

Laboratory No.	Farmer.	Available Plant-foods (1 per Cent. Citric Acid).		pH.	Lime Requirement corrected to 0.015 N (CaCO ₃).	Replaceable Bases.		Total Nitrogen (N).	Plant Foods soluble in Hydrochloric Acid (S.G. 1.12).	
		Phosphoric Acid (P ₂ O ₅).	Potash (K ₂ O).			Lime (CaO).	Magnesia (MgO).		Phosphoric Acid (P ₂ O ₅).	Potash (K ₂ O).

LEVELS SERIES.

Stony Silt Loams. Type 14 (grading to 16).

		Per Cent.	Per Cent.		Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
1185	Scott ..	0.022	0.046	5.7	0.20	0.15	..	..	..	..
983	Kelman ..	0.009	0.020	5.6	0.21	0.09	0.05	0.22	0.054	0.59
985	Foley ..	0.012	0.058	5.9	0.14	0.18	0.07	0.28	..	..
843	Burns ..	0.008	0.012	..	..	..	..	..	..	..
1167	T. W. Brosnan..	0.013	0.014	5.7	0.14	0.14	..	..	..	..

24 in.—36 in. plus Silt Loams. Type 10.

1171	Mehrtens ..	0.010	0.034	6.0	0.12	0.10	..	..	..	..
1169	Cargo ..	0.011	0.010	5.5	0.12	0.10	..	..	..	..
993	Daly ..	0.010	0.026	5.7	0.17	0.11	0.054	0.21	0.051	0.55
1181	Walsh ..	0.014	0.009	5.6	0.21	0.09	..	..	..	..

18 in.—24 in. Silt Loam, occasionally slightly Stony. Type 12.

987A	Foley ..	0.009	0.025	5.9	0.17	0.19	0.06	0.24	..	..
1179	T. M. Brosnan ..	0.012	0.021	5.8	0.18	0.16	..	..	..	..

12 in.—18 in. Moderately Stony Silt Loam. Type 13.

991	Orbell ..	0.024	0.017	5.7	0.17	0.13	0.052	0.22	..	..
1177	Oliver ..	0.014	0.024	6.0	0.13	0.12	..	..	..	..
999	Jackson ..	0.016	0.016	5.6	0.19	0.15	0.056	0.20	..	..

KERETA SERIES.

Meadow Soils.

1003	Donald ..	0.028	0.034	5.4	0.22	0.13	0.094	0.28	0.061	0.55
1449	Aitken ..	0.014	0.008	..	..	..	..	..	..	..

AROWHENUA SERIES.

24 in. and over, Sands, Sandy Silts, and Silt Loams. Type 2.

989	Gaffney ..	0.045	0.012	5.8	0.11	0.10	0.044	0.14	..	..
1165	Kane ..	0.047	0.021	5.7	0.09	0.11	..	..	..	..

24 in.—36 in. plus Silt Loams. Type 1.

997A	Hall ..	0.058	0.028	5.6	0.19	0.17	0.077	0.28	0.126	0.76
1183	Smith ..	0.059	0.021	5.7	0.17	0.16	..	..	..	..
841	Robins ..	0.057	0.028	..	..	..	..	..	..	..
995	McCully ..	0.060	0.024	6.2	0.11	0.30	0.080	0.30	0.137	0.75
1175	Taylor ..	0.068	0.045	6.3	0.06	0.20	..	..	..	..

SEADOWN SERIES.

Meadow Soils.

1447	Springs ..	0.037	0.052	..	..	..	..	..	..	..
1445	O'Connor ..	0.036	0.021	..	..	..	..	..	..	..
1173	Brosnan ..	0.080	0.033	6.2	0.12	0.31	..	..	..	..

WASHDYKE SERIES.

Saline Soils.

1001	Hall ..	0.048	0.029	5.4	0.20	0.14	0.081	0.28	..	..
1005	Colombs Road ..	0.031	0.220	5.0	0.63	0.51	0.74	2.12	..	..

NOTE.—Results calculated to oven-dry soil.