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Yields of the Field Experiments 1956

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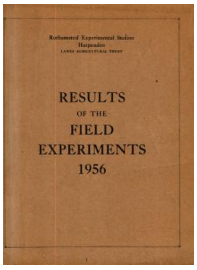

56/R/E/1 Chemical Analyses of Organic Materials

Rothamsted Research

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CHEMICAL ANALYSES OF ORGANIC MATERIALS, USED IN THE THREE COURSE ROTATION AND MARKET GARDEN EXPERIMENTS 1956

Material	Percentage dry matter in sample	Percentage in dry matter: Organic matter	N	P_2O_5	K_2O
Three Course Rotation, Rothamsted					
Wheat Straw	86.6	92.8	0.52	1.60	1.55
Market Garden Experiment, Woburn					
Sewage Sludge					
1a	51.6	44.9	2.32	3.92	0.21
1b	52.6	22.2	1.80	1.21	0.12
2	78.8	41.3	2.43	3.37	0.19
3	54.4	40.2	2.60	3.49	0.16
Sludge Straw Compost					
1	34.4	42.4	2.09	2.61	0.48
2	39.0	44.4	2.29	2.75	0.93
3	41.6	43.2	2.41	3.51	0.72
Vegetable Compost					
1	24.0	50.3	2.25	4.42	2.52
2	27.8	49.4	2.64	4.01	3.15
3	25.3	56.7	2.59	3.96	2.53
Farmyard Manure					
1	27.0	53.1	2.34	1.79	1.63
2	19.2	57.4	4.14	4.18	3.13
3	27.7	56.8	2.54	3.53	3.66

Note. Samples applied: 1 - July 1955; 2 - September 1955; 3 - April 1956.

Samples of sewage sludge 1a and 1b represent two batches used to provide the requisite amount.

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