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

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55/E/1

CHEMICAL ANALYSES OF ORGANIC MATERIALS, USED IN THE THREE
COURSE ROTATION AND MARKET GARDEN EXPERIMENTS 1955

Material	Percentage dry matter in sample	Percentage in dry matter			
		Organic matter	N	P ₂ O ₅	K ₂ O
Three Course Rotation, Rothamsted					
Wheat Straw	84.6	92.8	0.48	0.18	1.24
Market Garden Experiment, Woburn					
Sewage Sludge *					
1	45.4	41.2	2.59	3.74	0.21
2	45.8	41.9	2.53	3.42	0.16
Sludge-Straw Compost *					
1	39.8	43.2	2.43	2.94	0.47
2	35.1	45.3	2.36	2.88	0.37
Vegetable Compost *					
1	24.8	51.9	2.46	3.93	2.92
2	22.8	56.4	2.40	4.52	2.71
Farmyard Manure *					
1	23.1	60.0	3.16	4.34	3.70
2	21.2	61.1	1.96	1.00	1.29

*Sample 1 applied Sept, 1954; Sample 2 applied April, 1955.