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# Yields of the Field Experiments 1954

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## 54/R/E/1 Chemical Analyses of Manures

### Rothamsted Research

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54/E/1

CHEMICAL ANALYSES OF MANURES USED IN THE THREE, FOUR AND SIX  
COURSE ROTATION EXPERIMENTS 1954

Manures	% Organic Matter	% N	% P <sub>2</sub> O <sub>5</sub>	% K <sub>2</sub> O
Three Course Rotation				
Wheat Straw	81.2	0.45	0.10	0.67
Sulphate of Ammonia		21.0		
Superphosphate			19.7 (Total)	
Muriate of Potash				58.4
Four Course Rotation				
Wheat Straw				
For wheat and ryegrass	79.1	0.32	0.06	0.33
For barley and potatoes	80.0	0.50	0.15	0.75
Adco Compost	14.6	0.38	0.22	0.24
Dung				
For wheat and ryegrass	17.8	0.44	0.19	0.83
For barley and potatoes	18.5	0.44	0.19	0.89
Sulphate of Ammonia		21.0		
Superphosphate			19.4 (Total)	
Mineral Phosphate			27.9	
Muriate of Potash				58.4
Six Course Rotation				
Sulphate of Ammonia		21.0		
Superphosphate			Autumn 19.4 (Total)	
Muriate of Potash			Spring 19.7 (Total)	58.4