

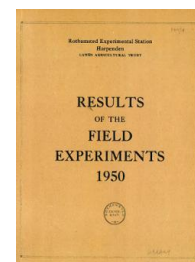
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50/E/1 Chemical Analysis of Manures

Rothamsted Research

Rothamsted Research (1951) *50/E/1 Chemical Analysis of Manures* ; Yields Of The Field Experiments 1950, pp 88 - 88 - DOI: <https://doi.org/10.23637/ERADOC-1-185>

50/E/1

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

ROTATIONS 1950

Manures	% Organic Matter	% N	% P ₂ O ₅	% K ₂ O
Three Course Rotation				
Chaffed Straw	83.3	0.52	0.16	0.84
Adco	16.9	0.54	0.31	0.29
Sulphate of Ammonia	-	21.0	-	-
Nitrate of Soda	-	15.5	-	-
Superphosphate	-	-	19.5 (total)	-
Muriate of Potash	-	-	-	57.4 (1)
Sulphate of Potash	-	-	-	48.0 (2)

- (1) For barley and sugar beet.
 (2) For potatoes.

Four Course Rotation				
Chaffed Straw	83.3	0.52	0.16	0.84
Adco	16.9	0.54	0.31	0.29
Dung	21.5	0.67	0.28	1.12
Sulphate of Ammonia	-	21.0	-	-
Superphosphate	-	-	19.5 (total)	-
Mineral Phosphate	-	-	33.3	-
Muriate of Potash	-	-	-	57.4

Six Course Rotation				
Sulphate of Ammonia	-	21.0	-	-
Superphosphate	-	-	17.5 (total) (3)	-
	-	-	19.5 (total) (4)	-
Muriate of Potash	-	-	-	57.4 (5)
Sulphate of Potash	-	-	-	48.0 (6)

- (3) For wheat, rye and clover.
 (4) For potatoes, sugar beet and barley.
 (5) For all crops except potatoes.
 (6) For potatoes.