ROTHAMSTED RESEARCH

Yields of the Field Experiments 1950

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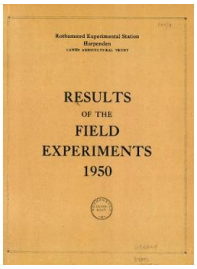

50/E/1 Chemical Analyis of Manures

Rothamsted Research

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CHEMICAL ANALYSES OF MANURES USED IN THE THREE, FOUR AND SIX COURSE ROTATIONS 1950

Manures	% Organic Matter	% N	% P_2O_5	% K_2O
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)
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)

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

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

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