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# 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 <sub>2</sub> 0 <sub>5</sub>	% K <sub>2</sub> 0
	Three Cour	se Rotati	on	
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	100	-	19.5 (total)	- (4)
Muriate of Potash	-	-	(##	57.4
Sulphate of Potash	-		-	48.0 (2)

- For barley and sugar beet.
  For potatoes.

### Four Course Rotation

Chaffed Straw	83.3	0.52	0.16	0.84
Adoo	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	3-	-	(B) (C) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	57.4
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### Six Course Rotation

Sulphate of Ammonia	21.0	(3)	-
Superphosphate	-	17.5(total) (4)	-
		19.5(total)	(5)
Muriate of Potash	_	-	57.4 /2
Sulphate of Potash	-		48.0
(3) For wheat, rye and (4) For potatoes, suga (5) For all crops exce (6) For potatoes.	r beet and barley.		No.