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Yields of the Field Experiments 1966

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66/R/C/20 Rate of Action of P Fertilisers 1965-66 - Barley and Ryegrass

Rothamsted Research

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66/c/20.3

SUMMARY OF RESULTS

	O	S	K	SK	M	SM	KM	SKM	Mean
BARLEY, GREENCROP DRY MATTER: CWT PER ACRE									
Mean	31.3	40.6	41.1	40.9	40.8	40.3	40.2	40.4	39.5
(± 0.66)				(± 0.94)					(± 0.35)
L1		39.4	39.7	39.9	40.2	37.5	40.4	40.3	39.6
L2		41.8	42.5	42.0	41.5	43.1	40.0	40.5	41.6
P		39.6	40.1	39.8	42.3	40.5	40.1	40.1	40.4
G		41.7	42.2	42.1	39.4	40.1	40.4	40.7	40.9

RYEGRASS, 1ST AND ONLY CUT: DRY MATTER									
Mean	18.2	24.0	24.9	24.1	23.3	24.1	23.9	23.9	23.3
(± 0.66)				(± 0.94)					(± 0.36)
L1		23.5	24.2	22.8	22.1	22.9	23.3	22.7	23.1
L2		24.6	25.7	25.3	24.5	25.2	24.6	25.1	25.0
P		23.2	24.8	22.3	23.3	24.8	23.9	24.4	23.8
G		24.9	25.1	25.8	23.3	23.3	24.0	23.5	24.3

Mean D.M. %: Barley: 24.6
 Ryegrass: 11.8

66/B/7.3

SUMMARY OF RESULTS

	P	R	T	Mean
SPRING BEANS				
GRAIN				
Mean (± 2.76)	32.4	28.1	30.8	30.4
M (± 4.78)	34.8	29.8	29.6	31.4 (± 2.76)
S (± 3.38)	31.1	27.2	31.4	29.9 (± 1.95)
	A	B	C	
	30.7	34.5	34.2	

General mean: 31.1

Mean D.M. %: 76.6

WHEAT				
GRAIN				
Mean (± 1.21)	36.9	33.9	32.3	34.4
1965		(± 2.10)		(± 1.21)
M	39.4	32.8	32.8	35.0
X	36.0	34.1	26.2	32.1
Y	35.2	34.8	37.9	36.0
		(1) and (2)		(± 0.76)
O	38.1	32.4	31.5	34.0
H	35.7	35.4	33.1	34.7
	A-	AH	BH	C
	38.6	38.0	32.9	40.0

General mean: 35.0

Mean D.M. %: 83.7

- (1) (± 1.53) For use in horizontal and diagonal comparisons
 (2) (± 1.32) For use in vertical and interaction comparisons