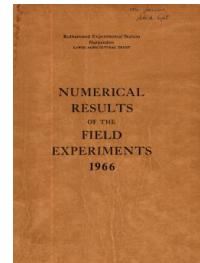


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# Yields of the Field Experiments 1966

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

**Rothamsted Research**

Rothamsted Research (1967) *66/R/C/20 Rate of Action of P Fertilisers 1965-66 - Barley and Ryegrass ; Yields Of The Field Experiments 1966*, pp 193 - 195 - DOI:  
<https://doi.org/10.23637/ERADOC-1-158>

66/c/20.3

SUMMARY OF RESULTS

	D	S	K	SK	M	SM	KM	SKM	Mean
BARLEY, GREENCROP DRY MATTER: CWT PER ACRE									
Mean	31.3 (±0.66)	40.6	41.1	40.9	40.8	40.3	40.2	40.4	39.5
L1					(±0.94)				(±0.35)
L2		39.4 41.8	39.7 42.5	39.9 42.0	40.2 41.5	37.5 43.1	40.4 40.0	40.3 40.5	39.6 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 (±0.66)	24.0	24.9	24.1	23.3	24.1	23.9	23.9	23.3
L1					(±0.94)				(±0.36)
L2		23.5 24.6	24.2 25.7	22.8 25.3	22.1 24.5	22.9 25.2	23.3 24.6	22.7 25.1	23.1 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

COEFFICIENTS

COEFFICIENTS OF EXPANSION

coeff	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00
BETWEEN THE COEFFICIENTS OF EXPANSION AND THE COEFFICIENTS OF EXPANSION											
1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00	(0.00)
0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00	0.00	(0.00)
0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00	0.00	0.00	(0.00)
0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00	0.00	0.00	0.00	(0.00)
0.60	0.50	0.40	0.30	0.20	0.10	0.00	0.00	0.00	0.00	0.00	(0.00)
0.50	0.40	0.30	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)
0.40	0.30	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)
0.30	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)
0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)
0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)

THE COEFFICIENTS OF EXPANSION  
ARE INVERSELY PROPORTIONAL

66/B/7.3

SUMMARY OF RESULTS

	P	R	T	Mean
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SPRING BEANS

GRAIN

Mean ( $\pm 2.76$ )	32.4	28.1	30.8	30.4
M ( $\pm 4.78$ )	34.8	29.8	29.6	31.4 ( $\pm 2.76$ )
S ( $\pm 3.38$ )	31.1	27.2	31.4	29.9 ( $\pm 1.95$ )
	A 30.7	B 34.5	C 34.2	

General mean: 31.1

Mean D.M. %: 76.6

WHEAT

GRAIN

Mean ( $\pm 1.21$ )	36.9	33.9	32.3	34.4
1965		( $\pm 2.10$ )		( $\pm 1.21$ )
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)			( $\pm 0.76$ )
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) ( $\pm 1.53$ ) For use in horizontal and diagonal comparisons  
 (2) ( $\pm 1.32$ ) For use in vertical and interaction comparisons