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Yields of the Field Experiments 1966



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66/R/BP/C/17 Legumes and Barley - Cereals and Hay

Rothamsted Research

Rothamsted Research (1967) *66/R/BP/C/17 Legumes and Barley - Cereals and Hay;* Yields Of The Field Experiments 1966, pp 181 - 183 - **DOI:** https://doi.org/10.23637/ERADOC-1-158

66/c/17.3

DATS

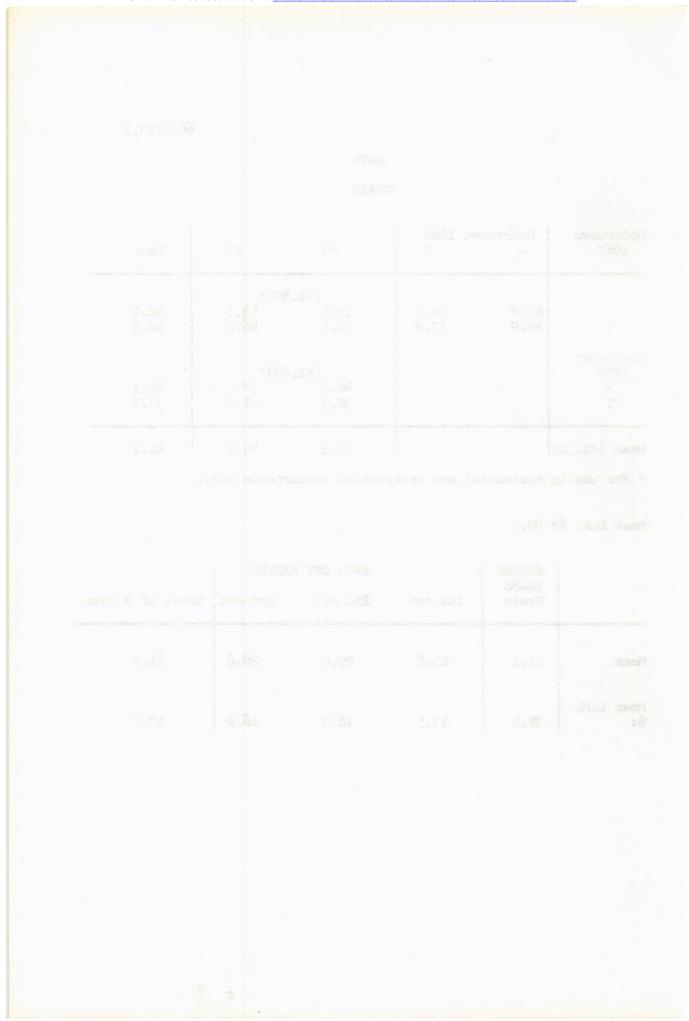
GRAIN

Undersown 1965	Underso	wn 1966 T	Nl	N2	Mear:
- T	4 3.2 46.9	36.8 37.6	(±1. 36.5 38.1	87)* 43.5 46.4	40.0 42.3
Undersown 1966 T			(±1. 42.1 32.5	87)* 48.0 41.9	45.1 37.2
Mean (±1.32)			37.3	45.0	41.1

^{*} For use in horizontal and interaction comparisons only.

Mean D.M. %: 80.0

	SPRING	-	HAY: DRY	MATTER		
	BEANS Grain	1st cut	2nd cut	3rd cut	Total of 3 cuts	
Mean	31.1	23.8	29.0	28.6	81.5	
Mean D.M.	72.0	17.5	16.5	16.9	17.0	



66/c/18.1

PREVIOUS CROPS & N FOR BARLEY

(BQ)

The effect of previous cropping and nitrogen on the yield of barley - Stackyard 1966, the second year - barley.

Design: 3 randomised blocks of 9 plots, split into 3 for N.

Area of each sub plot: 0.0096. Area harvested: 0.0064.

Treatments: All combinations of:-

Whole plots (applied 1965):-

- 1. Cropping: Spring wheat (W), Kale (K), Italian Ryegrass (G).
- Nitrogen: None (RO), 1.0 (R2), 2.0 cwt (R4) N as 'Nitro-Chalk'.

Sub plots (applied to barley 1966):-

- 3. Nitrogen: None (NO), 0.5 (N1), 1.0 cwt (N2) as 'Nitro-Chalk'.
- Basal applications: 2.5 cwt (0:20:20) combine drilled. Weed-killer: Mecoprop/2,4-D (Methoxone Extra at 6 pints in 30 gals).
- Cultivations, etc.: Ploughed: Jan 28, 1966. Seed drilled at 145 lb: Mar 10. 'Nitro-Chalk' applied: Mar 11. Sprayed: May 17. Combine harvested: Aug 20. Variety: Maris Badger.

NOTE: For the previous year's results see 'Results' 65/C/27.

Standard errors per plot. Grain: Whole plot: 3.04 or 11.0% (16 d.f.) Sub plot: 3.07 or 11.1% (36 d.f.)