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Yields of the Field Experiments 1966

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66/R/LL/C/3 and 66/W/WLL/C/3 Long-term Liming - Barley

Rothamsted Research

Rothamsted Research (1967) *66/R/LL/C/3 and 66/W/WLL/C/3 Long-term Liming - Barley* ; Yields Of The Field Experiments 1966, pp 127 - 129 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/c/3.3

STACKYARD SERIES C (W)

GRAIN

	CA0	CA2	CA4	CA8	Mean
Mean (± 0.45)	36.9	39.5	41.0	40.9	39.6
-		(± 0.63)			(± 0.32)
P	34.9	39.1	40.2	39.9	38.5
	38.9	39.9	41.9	42.0	40.7
-	36.6	38.8	41.1	40.6	39.3
K	37.1	40.2	40.9	41.3	39.9
	-	P			
	(± 0.45)				
-	38.9	39.7			
K	38.2	41.6			

Mean D.M. %: 86.3

D-01-138

(W) D. WIDING GRADUATE

MIARD

Year	PAU	SAO	SAO	SAO	
1995	0.00	0.14	0.07	0.07	
1996	0.00	0.14	0.07	0.07	
1997	0.00	0.14	0.07	0.07	
1998	0.00	0.14	0.07	0.07	
1999	0.00	0.14	0.07	0.07	
2000	0.00	0.14	0.07	0.07	
2001	0.00	0.14	0.07	0.07	
2002	0.00	0.14	0.07	0.07	
2003	0.00	0.14	0.07	0.07	
2004	0.00	0.14	0.07	0.07	
2005	0.00	0.14	0.07	0.07	
2006	0.00	0.14	0.07	0.07	
2007	0.00	0.14	0.07	0.07	
2008	0.00	0.14	0.07	0.07	
2009	0.00	0.14	0.07	0.07	
2010	0.00	0.14	0.07	0.07	
2011	0.00	0.14	0.07	0.07	
2012	0.00	0.14	0.07	0.07	
2013	0.00	0.14	0.07	0.07	
2014	0.00	0.14	0.07	0.07	
2015	0.00	0.14	0.07	0.07	
2016	0.00	0.14	0.07	0.07	
2017	0.00	0.14	0.07	0.07	
2018	0.00	0.14	0.07	0.07	
2019	0.00	0.14	0.07	0.07	
2020	0.00	0.14	0.07	0.07	
2021	0.00	0.14	0.07	0.07	
2022	0.00	0.14	0.07	0.07	
2023	0.00	0.14	0.07	0.07	
2024	0.00	0.14	0.07	0.07	
2025	0.00	0.14	0.07	0.07	
2026	0.00	0.14	0.07	0.07	
2027	0.00	0.14	0.07	0.07	
2028	0.00	0.14	0.07	0.07	
2029	0.00	0.14	0.07	0.07	
2030	0.00	0.14	0.07	0.07	
2031	0.00	0.14	0.07	0.07	
2032	0.00	0.14	0.07	0.07	
2033	0.00	0.14	0.07	0.07	
2034	0.00	0.14	0.07	0.07	
2035	0.00	0.14	0.07	0.07	
2036	0.00	0.14	0.07	0.07	
2037	0.00	0.14	0.07	0.07	
2038	0.00	0.14	0.07	0.07	
2039	0.00	0.14	0.07	0.07	
2040	0.00	0.14	0.07	0.07	
2041	0.00	0.14	0.07	0.07	
2042	0.00	0.14	0.07	0.07	
2043	0.00	0.14	0.07	0.07	
2044	0.00	0.14	0.07	0.07	
2045	0.00	0.14	0.07	0.07	
2046	0.00	0.14	0.07	0.07	
2047	0.00	0.14	0.07	0.07	
2048	0.00	0.14	0.07	0.07	
2049	0.00	0.14	0.07	0.07	
2050	0.00	0.14	0.07	0.07	

0.00 0.14 0.07

66/C/4.1

METHODS OF APPLICATION OF FERTILISER

(WBT)

Methods of application of fertiliser - Woburn Broadmead I, 1966
the second year - spring wheat.

Design: 3 x 3 x 3 in 3 blocks of 9 plots together with 3 additional plots per block.

Area of each plot: 0.0212. Area harvested: 0.0126.

Treatments: 3 x 3 x 3: All combinations of:-

To wheat 1966:

1. Levels of N, P and K:

N	P ₂ O ₅	K ₂ O	
None	None	None	(F0)
0.66	0.66	1.02	(F1)
1.32	1.32	2.03	(F2)

P as superphosphate, K as muriate of potash, both applied in seedbed. N as 'Nitro-Chalk', half in seedbed, half top-dressed.

To potatoes 1965:

2. Levels of compound (13:13:20) to supply:

N	P ₂ O ₅	K ₂ O	
0.66	0.66	1.02	(L1)
1.32	1.32	2.03	(L2)
2.00	2.00	3.07	(L3)

3. Methods of application: Broadcast (B), placed (P), broadcast and rotary cultivated in (BR).

Additional plots:

To wheat 1966: NPK: F0, F1, F2 as above to plots receiving no fertiliser in 1965.

Basal applications: Manures: None. Weedkillers: Sodium trichloroacetate at 18 lb in 40 gals on 2 occasions, Mecoprop/2,4-D (Methoxone Extra at 6 pints in 35 gals).

Cultivations, etc.: Deep-tine cultivated: Oct 18, 1965. Sprayed (Sodium trichloroacetate): Oct 22 and Dec 29. Seed drilled at 170 lb: Mar 15, 1966. Sprayed (Mecoprop/2,4-D): May 10. Combine harvested: Sept 6. Variety: Kloka.

NOTE: For the previous year's results see 'Results' 65/C/5.

Standard error per plot.

Grain: 2.78 or 7.2% (21 d.f.)