

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1965

[Full Table of Content](#)



65/R/LL/C/3 and 65/W/WLL/C/3 Long-term Liming - Barley

Rothamsted Research

Rothamsted Research (1966) *65/R/LL/C/3 and 65/W/WLL/C/3 Long-term Liming - Barley* ; Yields Of The Field Experiments 1965, pp 129 - 131 - DOI: <https://doi.org/10.23637/ERADOC-1-159>

65/C/3.1

LONG TERM LIMING EXPERIMENT - BARLEY 1965

(LL and WLL)

Rothamsted Sawyers I and Woburn Stackyard Series C - the fourth year.

For treatments etc., see 'Results' 63/C/3 and for previous years' results see 62/C/8, 63/C/3 and 64/C/3.

Area of each plot: 0.0289. Area harvested: 0.0129.

The comparison of broadcasting of powder fertiliser and placement drilling of compound (0: 14: 28) is discontinued.

Basal applications: 0.5 cwt N as 'Nitro-Chalk' combine drilled. Mecoprop/2,4-D (Methoxone Extra at 6 pints in 34 gals on Sawyers I (R) and at 6 pints in 40 gals on Stackyard Series C (W)).

Cultivations, etc.:

Sawyers I (R): Ploughed: Sept 18, 1964. Fertilisers applied: Mar 1, 1965. Seed drilled at 156 lb: Mar 17. Sprayed: May 19. Combine harvested: Sept 5. Variety: Maris Badger.
Stackyard Series C (W): Rotary cultivated: Oct 14 and 27, 1964. Fertilisers applied, seed drilled at 140 lb: Mar 29, 1965. Sprayed: May 11. Combined harvested: Aug 28. Variety: Maris Badger.

Standard errors per plot. Grain:
Sawyers I (R): 8.68 or 23.0% (15 d.f.)
Stackyard Series C (W): 0.96 or 2.4% (15 d.f.)

65/C/3.2

SUMMARY OF RESULTS

SAWYERS I (R)

GRAIN

	CA0	CA2	CA4	CA8	Mean
Mean (± 3.07)	25.9	41.8	41.7	41.3	37.7
		(± 4.34)			(± 2.17)
-	24.2	41.2	41.1	40.7	36.8
P	27.6	42.4	42.4	41.8	38.5
-	29.6	42.7	42.7	41.9	39.2
K	22.2	40.9	40.7	40.7	36.1
	-	P			
	(± 3.07)				
-	39.5	39.0			
K	34.2	38.1			

Mean D.M.%: 75.8

65/C/3.3

STACKYARD SERIES C (W)

GRAIN

	CA0	CA2	CA4	CA8	Mean
Mean (± 0.34)	38.0	39.7	42.2	42.4	40.6
		(± 0.24)			(± 0.48)
-	35.5	38.9	41.1	41.2	39.2
P	40.4	40.6	43.2	43.5	41.9
-	38.5	39.3	42.4	42.6	40.7
K	37.5	40.2	42.0	42.1	40.4
	-	P			
	(± 0.34)				
-	39.4	41.9			
K	38.9	41.9			

Mean D.M. %: 76.6