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Yields of the Field Experiments 1965

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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