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RESEARCH

## 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 ( $\pm 3.07$ )	25.9	41.8	41.7	41.3	37.7
		( $\pm 4.34$ )			( $\pm 2.17$ )
-	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			
	( $\pm 3.07$ )				
-	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 ( $\pm 0.34$ )	38.0	39.7	42.2	42.4	40.6
		( $\pm 0.24$ )			( $\pm 0.48$ )
-	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			
	( $\pm 0.34$ )				
-	39.4	41.9			
K	38.9	41.9			

Mean D.M. %: 76.6