

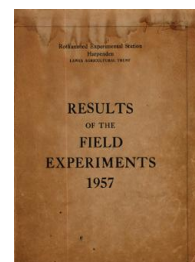
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Yields of the Field Experiments 1957

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57/R/A/5 Park Grass - Hay

Rothamsted Research

Rothamsted Research (1958) *57/R/A/5 Park Grass - Hay* ; Yields Of The Field Experiments 1957, pp 11 - 11 - DOI: <https://doi.org/10.23637/ERADOC-1-177>

57/A/5

HAY - THE PARK GRASS PLOTS 1957

For history, treatments etc. see "Details of the Classical and Long Term Experiments" 1956.

Cultivations, etc.: Mineral fertilizers applied: Jan 3, 1957. Dung applied to appropriate plots: Jan 10. Nitrogenous fertilizers applied: 1st dressing - Mar 29, 2nd dressing - Apr 25. Cut twice: June 18 and Sept 24.

Summary of Results

Yield of Hay: cwt per acre

| Plot | Not limed | | | Limed | | |
|------|-----------|----------|-------|----------|----------|-------|
| | 1st Crop | 2nd Crop | Total | 1st Crop | 2nd Crop | Total |
| 1 | 6.2 | 6.6 | 12.8 | 18.9 | 9.2 | 28.1 |
| 2 | 7.9 | 5.1 | 13.0 | 13.8 | 9.6 | 23.4 |
| 3 | 5.7 | 5.6 | 11.3 | 12.5 | 6.8 | 19.3 |
| 4-1 | 15.1 | 12.8 | 27.9 | 19.2 | 9.1 | 28.3 |
| 4-2 | 16.8 | 12.8 | 29.6 | 25.2 | 17.1 | 42.3 |
| 5-1 | 5.6 | 6.1 | 11.7 | | | |
| 5-2 | 19.0 | 18.8 | 37.8 | | | |
| 6 | 31.1 | 24.2 | 55.3 | | | |
| 7 | 28.4 | 22.5 | 50.9 | 46.1 | 25.8 | 71.9 |
| 8 | 19.2 | 19.0 | 38.2 | 17.8 | 13.8 | 31.6 |
| 9 | 41.1 | 13.1 | 54.2 | 46.2 | 17.5 | 63.7 |
| 10 | 21.0 | 14.1 | 35.1 | 32.0 | 16.2 | 48.2 |
| 11-1 | 42.2 | 37.5 | 79.7 | 44.1 | 26.5 | 70.6 |
| 11-2 | 49.1 | 33.5 | 82.6 | 56.2 | 42.2 | 98.4 |
| 12 | 9.4 | 13.6 | 23.0 | | | |
| 13 | 35.9 | 26.0 | 61.9 | 34.1 | 31.0 | 65.1 |
| 14 | 53.9 | 31.4 | 85.3 | 49.4 | 15.1 | 64.5 |
| 15 | 22.5 | 18.1 | 40.6 | 50.2 | 23.4 | 73.6 |
| 16 | 37.8 | 21.5 | 59.3 | 54.5 | 23.9 | 78.4 |
| 17 | 25.6 | 11.0 | 36.6 | 27.6* | 12.2* | 39.8* |
| 18 | 8.5 | 10.6 | 19.1 | 19.2* | 12.9* | 32.1* |
| | | | | 17.4* | 15.4* | 32.8* |
| 19 | 33.4 | 22.5 | 55.9 | 42.2* | 24.4* | 66.6* |
| | | | | 39.4* | 26.0* | 65.4* |
| 20 | 36.3 | 25.6 | 61.9 | 36.7* | 25.8* | 62.5* |
| | | | | 43.4* | 26.5* | 69.9* |

* Heavy liming
+ Light liming

Note: The second crop was carted green; hay yields were estimated from the dry matter.

Mean dry matter % as weighed: 1st crop 83.9; 2nd crop 34.3