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Yields of the Field Experiments 1961

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61/R/A/5 Park Grass - Hay

Rothamsted Research

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61/A/5

HAY - THE PARK GRASS PLOTS 1961

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

Cultivations, etc.: Mineral fertilisers applied: Dec 9, 1960. Dung applied to appropriate plots: Dec 12. Nitrogenous fertilisers applied: 1st dressing - Mar 28, 1961; 2nd dressing - Apr 26. Cut twice: June 20 and Sept 21.

Summary of Results

Dry matter: cwt per acre

| Plot | Not limed | | | Limed | | |
|------|-----------|----------|-------|-------------------|-------------------|-------------------|
| | 1st crop | 2nd crop | Total | 1st crop | 2nd crop | Total |
| 1 | 9.2 | 3.5 | 12.7 | 25.4 | 6.4 | 31.8 |
| 2 | 14.1 | 5.0 | 19.1 | 23.6 | 6.4 | 30.0 |
| 3 | 11.1 | 3.5 | 14.6 | 22.6 | 5.2 | 27.8 |
| 4-1 | 20.0 | 5.4 | 25.4 | 23.3 | 5.3 | 28.6 |
| 4-2 | 20.9 | 5.9 | 26.8 | 30.0 | 5.9 | 35.9 |
| 5-1 | 11.0 | 4.5 | 15.5 | | | |
| 5-2 | 21.1 | 9.4 | 30.5 | | | |
| 6 | 28.0 | 8.9 | 36.9 | | | |
| 7 | 29.9 | 7.3 | 37.2 | 48.4 | 16.9 | 65.3 |
| 8 | 21.2 | 5.2 | 26.4 | 24.5 | 7.0 | 31.5 |
| 9 | 43.4 | 7.3 | 50.7 | 50.4 | 7.4 | 57.8 |
| 10 | 27.8 | 7.8 | 35.6 | 38.1 | 6.6 | 44.7 |
| 11-1 | 55.9 | 14.5 | 70.4 | 53.4 | 14.1 | 67.5 |
| 11-2 | 57.1 | 17.9 | 75.0 | 57.1 | 19.3 | 76.4 |
| 12 | 14.5 | 6.2 | 20.7 | | | |
| 13 | 42.0 | 11.5 | 53.5 | 44.1 | 19.2 | 63.3 |
| 14 | 43.5 | 10.1 | 53.6 | 50.0 | 8.5 | 58.5 |
| 15 | 31.4 | 7.5 | 38.9 | 42.4 | 11.6 | 54.0 |
| 16 | 35.8 | 7.4 | 43.2 | 45.5 | 12.0 | 57.5 |
| 17 | 23.8 | 4.1 | 27.9 | 30.2* | 4.7* | 34.9* |
| 18 | 16.5 | 3.1 | 19.6 | 26.4 ⁺ | 4.1* | 30.5 ⁺ |
| | | | | 26.1 ⁺ | 4.3* | 30.4* |
| 19 | 41.3 | 9.6 | 50.9 | 49.0* | 11.7 ⁺ | 60.7 ⁺ |
| | | | | 43.7 ⁺ | 12.5* | 56.2* |
| 20 | 46.2 | 12.1 | 58.3 | 48.8* | 12.2* | 61.0* |
| | | | | 41.1 ⁺ | 13.5 ⁺ | 54.6 ⁺ |

*Heavy liming. ⁺Light liming.

Mean dry matter % as cut: 1st crop 27.7; 2nd crop 28.4