

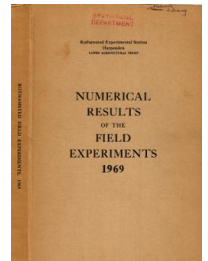
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# Numerical Results of the Field Experiments 1969

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## 69/R/PG/5 - Park Grass - Grass

### Rothamsted Research

Rothamsted Research (1970) 69/R/PG/5 - Park Grass - Grass ; Numerical Results Of The Field Experiments 1969, pp 22 - 23 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

## HAY - THE PARK GRASS PLOTS

(69/R/PG/5)

For history treatments etc. see 'Details' 1967 and 'Results' 65/A/6.

Cultivations, etc.: FYM applied to plot 13, mineral fertilisers applied: 9 Dec, 1968. FYM applied to plots 19 and 20: 10 Dec. Nitrogenous fertilisers applied: 1st dressing - 6 Mar, 1969, 2nd dressing - 8 Apr. Cut twice: 9 June, 13 Oct.

## SUMMARY OF RESULTS

DRY MATTER: CWT PER ACRE

| Plot No | 1st cut |      |      |      | Mean | 2nd cut |      |      |      | Mean | Total of 2 cuts |      |      |      | Mean |
|---------|---------|------|------|------|------|---------|------|------|------|------|-----------------|------|------|------|------|
|         | a       | b    | c    | d    |      | a       | b    | c    | d    |      | a               | b    | c    | d    |      |
| 1       | 14.3    | 12.4 | 8.0  | 2.9  | 9.4  | 13.5    | 14.2 | 6.6  | 5.6  | 10.0 | 27.8            | 26.6 | 14.6 | 8.5  | 19.4 |
| 2       | 10.3    | 14.9 | 7.2  | 5.4  | 9.4  | 13.9    | 15.8 | 15.5 | 19.1 | 16.1 | 24.2            | 30.6 | 22.7 | 24.5 | 25.5 |
| 3       | 12.4    | 14.3 | 7.0  | 5.7  | 9.8  | 14.5    | 15.7 | 14.6 | 17.2 | 15.5 | 26.9            | 30.0 | 21.6 | 22.9 | 25.4 |
| 4-1     | 12.8    | 13.8 | 12.3 | 12.5 | 12.9 | 15.2    | 14.2 | 16.4 | 18.8 | 16.2 | 28.1            | 28.1 | 28.7 | 31.3 | 29.0 |
| 4-2     | 26.4    | 27.7 | 21.5 | 8.4  | 21.0 | 13.8    | 14.0 | 9.9  | 15.8 | 13.4 | 40.2            | 41.7 | 31.5 | 24.2 | 34.4 |
| 7       | 38.3    | 37.3 | 22.2 | 26.5 | 31.1 | 22.5    | 23.7 | 21.1 | 19.8 | 21.8 | 60.8            | 61.1 | 43.3 | 46.4 | 52.9 |
| 8       | 16.0    | 13.8 | 17.5 | 17.4 | 16.2 | 16.3    | 13.7 | 18.4 | 18.0 | 16.6 | 32.2            | 27.4 | 36.0 | 35.4 | 32.8 |
| 9       | 51.8    | 52.8 | 37.2 | 17.0 | 39.7 | 19.7    | 22.0 | 16.4 | 23.8 | 20.5 | 71.5            | 74.8 | 53.6 | 40.8 | 60.2 |
| 10      | 35.5    | 52.3 | 35.9 | 9.8  | 33.3 | 12.6    | 12.6 | 18.0 | 15.9 | 14.8 | 48.0            | 64.8 | 53.9 | 25.6 | 48.1 |
| 11-1    | 54.5    | 56.2 | 37.2 | 7.7  | 38.9 | 26.5    | 24.4 | 41.2 | 37.3 | 32.3 | 80.9            | 80.6 | 78.3 | 45.0 | 71.2 |
| 11-2    | 52.7    | 56.1 | 35.4 | 12.4 | 39.1 | 37.6    | 34.0 | 42.9 | 36.6 | 37.8 | 90.3            | 90.1 | 78.2 | 49.0 | 76.9 |
| 12      | 15.8    | 14.9 | 14.9 | 15.3 | 15.3 | 21.2    | 21.2 | 20.2 | 20.2 | 20.7 | 37.0            | 37.0 | 35.1 | 35.1 | 36.0 |
| 13      | 37.5    | 39.9 | 42.3 | 37.1 | 39.2 | 31.7    | 29.9 | 27.0 | 27.9 | 29.1 | 69.1            | 69.9 | 69.3 | 65.0 | 68.3 |
| 14      | 43.0    | 46.2 | 46.5 | 45.3 | 45.3 | 15.8    | 24.1 | 24.3 | 27.0 | 22.8 | 58.8            | 70.3 | 70.8 | 72.3 | 68.0 |
| 15      | 30.9    | 21.1 | 21.1 | 26.0 | 26.0 | 28.5    | 28.5 | 20.0 | 20.0 | 24.2 | 59.4            | 59.4 | 41.1 | 41.1 | 50.2 |
| 16      | 37.1    | 41.3 | 30.8 | 32.7 | 35.5 | 23.4    | 24.8 | 24.3 | 24.9 | 24.4 | 60.5            | 66.1 | 55.1 | 57.6 | 59.8 |
| 17      | 11.5    | 17.5 | 15.1 | 10.9 | 13.8 | 14.4    | 12.4 | 24.4 | 22.6 | 18.5 | 25.9            | 29.9 | 39.6 | 33.5 | 32.2 |
| 18-1    |         |      | 13.4 | 9.7  | 11.6 |         |      | 12.2 | 5.3  | 8.8  |                 |      | 25.7 | 15.0 | 20.3 |
| 18-2    |         |      |      |      | 17.4 |         |      |      |      | 15.7 |                 |      |      |      | 33.1 |
| 18-3    | 19.4    | 21.6 |      |      | 20.5 | 11.5    | 14.8 |      |      | 13.1 | 30.8            | 36.4 |      |      | 33.6 |
| 19-1    |         |      |      |      | 32.2 |         |      |      |      | 24.3 |                 |      |      |      | 56.5 |
| 19-2    |         |      |      |      | 36.7 |         |      |      |      | 26.7 |                 |      |      |      | 63.4 |
| 19-3    |         |      |      |      | 43.0 |         |      |      |      | 30.4 |                 |      |      |      | 73.4 |
| 20-1    |         |      |      |      | 37.0 |         |      |      |      | 26.0 |                 |      |      |      | 63.1 |
| 20-2    |         |      |      |      | 42.6 |         |      |      |      | 28.5 |                 |      |      |      | 71.1 |
| 20-3    |         |      |      |      | 52.2 |         |      |      |      | 30.2 |                 |      |      |      | 82.4 |

Mean D.M. %: 1st cut: 23.5      2nd cut: 36.9      Total of 2 cuts: 30.2