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Yields of the Field Experiments 1966

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66/R/PG/A/6 Park Grass - Hay

Rothamsted Research

Rothamsted Research (1967) *66/R/PG/A/6 Park Grass - Hay* ; Yields Of The Field Experiments 1966, pp 25 - 26 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/A/6.1

HAY - THE PARK GRASS PLOTS

(PG)

For history, treatments etc., see 'Details' 1962 and 'Results' 65/A/6.

Cultivations, etc.: Mineral fertilisers applied: Dec 15, 1965.
Nitrogenous fertilisers applied: 1st dressing - Mar 21, 1966,
2nd dressing - Apr 29. Cut twice: June 7, Oct 11.

SUMMARY OF RESULTS

DRY MATTER

| Plot No | 1st cut | | | | 2nd cut | | | | Mean | Total of 2 cuts | | | | Total |
|---------|---------|------|------|------|---------|------|------|------|------|-----------------|------|------|------|-------|
| | a | b | c | d | a | b | c | d | | a | b | c | d | |
| 1 | 16.7 | 10.2 | 12.0 | 8.3 | 15.9 | 14.3 | 8.9 | 11.4 | 12.6 | 32.6 | 24.6 | 20.9 | 19.7 | 24.4 |
| 2 | 17.2 | 19.5 | 12.8 | 10.1 | 17.2 | 18.5 | 20.3 | 18.6 | 18.7 | 34.4 | 38.0 | 33.1 | 28.7 | 33.6 |
| 3 | 16.7 | 19.0 | 11.4 | 11.4 | 16.7 | 18.1 | 17.0 | 18.6 | 17.6 | 33.3 | 37.1 | 28.4 | 30.1 | 32.2 |
| 4-1 | 22.0 | 23.0 | 24.0 | 24.6 | 21.1 | 26.4 | 23.6 | 31.5 | 25.7 | 43.1 | 49.5 | 47.7 | 56.0 | 49.1 |
| 4-2 | 30.9 | 32.2 | 32.6 | 26.0 | 21.7 | 22.0 | 13.1 | 16.2 | 18.3 | 52.6 | 54.2 | 45.8 | 42.2 | 48.7 |
| 7 | 42.5 | 35.9 | 34.0 | 33.5 | 27.4 | 27.0 | 27.7 | 36.7 | 29.7 | 70.0 | 62.9 | 61.7 | 70.2 | 66.2 |
| 8 | 24.3 | 24.7 | 29.1 | 25.4 | 24.4 | 23.4 | 38.3 | 39.7 | 31.5 | 48.8 | 48.2 | 67.5 | 65.1 | 57.4 |
| 9 | 53.6 | 54.3 | 46.1 | 45.0 | 28.4 | 28.0 | 17.5 | 26.3 | 25.1 | 82.0 | 82.4 | 63.6 | 71.4 | 74.8 |
| 10 | 35.3 | 37.9 | 33.7 | 27.4 | 21.0 | 18.4 | 16.7 | 17.4 | 18.4 | 56.4 | 56.3 | 50.4 | 44.8 | 52.0 |
| 11-1 | 61.1 | 56.7 | 57.6 | 25.9 | 40.7 | 24.9 | 28.3 | 33.7 | 31.9 | 101.8 | 81.6 | 85.9 | 59.6 | 82.2 |
| 11-2 | 56.1 | 61.4 | 58.0 | 40.5 | 45.2 | 36.8 | 30.3 | 39.3 | 37.9 | 101.3 | 98.2 | 88.3 | 79.8 | 91.9 |
| 12 | 17.3 | 17.2 | 17.2 | 17.2 | 27.1 | 23.1 | 23.1 | 23.1 | 25.1 | 44.4 | 40.3 | 40.3 | 40.3 | 42.3 |
| 13 | 32.3 | 35.7 | 41.2 | 35.6 | 35.8 | 38.8 | 34.9 | 41.8 | 37.8 | 68.1 | 74.5 | 76.1 | 77.4 | 74.0 |
| 14 | 39.9 | 42.8 | 46.5 | 45.9 | 23.4 | 25.0 | 27.1 | 25.9 | 25.3 | 63.2 | 67.8 | 73.5 | 71.8 | 69.1 |
| 15 | 38.3 | 31.0 | 31.0 | 31.0 | 31.5 | 34.4 | 34.4 | 34.4 | 32.9 | 69.8 | 65.4 | 65.4 | 65.4 | 67.6 |
| 16 | 37.2 | 40.2 | 39.2 | 36.9 | 23.6 | 26.5 | 26.1 | 24.9 | 25.3 | 60.7 | 66.7 | 65.3 | 61.9 | 63.6 |
| 17 | 20.2 | 24.7 | 20.0 | 17.7 | 21.7 | 16.5 | 26.3 | 20.0 | 21.1 | 41.9 | 41.2 | 46.3 | 37.7 | 41.8 |
| 18-1 | | | 25.1 | 22.7 | | | 16.3 | 16.9 | 16.6 | | | 41.5 | 39.5 | 40.5 |
| 18-2 | | | | | | | | | 19.9 | | | | | 41.3 |
| 18-3 | 24.1 | 24.2 | | | 22.0 | 21.9 | | | 21.9 | 46.1 | 46.0 | | | 46.0 |
| 19-1 | | | | | | | | | 34.1 | | | | | 67.6 |
| 19-2 | | | | | | | | | 29.9 | | | | | 69.4 |
| 19-3 | | | | | | | | | 31.8 | | | | | 69.3 |
| 20-1 | | | | | | | | | 37.7 | | | | | 85.8 |
| 20-2 | | | | | | | | | 33.5 | | | | | 77.1 |
| 20-3 | | | | | | | | | 28.8 | | | | | 67.3 |

66/A/6.2

Mean D.M. %: 1st cut: 24.0 2nd cut: 25.1 Total of 2 cuts: 24.6