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## Yields of the Field Experiments 1964

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### 64/R/AF/C/6 Levels of N and K - Cocksfoot 7th Year

#### Rothamsted Research

Rothamsted Research (1965) *64/R/AF/C/6 Levels of N and K - Cocksfoot 7th Year* ; Yields Of The Field Experiments 1964, pp 157 - 158 - DOI: <https://doi.org/10.23637/ERADOC-1-160>

64/C/6.1

GRASS

(AF)

Levels of N and K - Harwoods Piece 1964, the 7th year. For treatments etc. see 'Results' 63/C/7 and for previous years' results see 58/Cg/2, 59/Cg/2, 60/Ci/1, 61/Dg/1, 62/C/11 and 63/C/7.

Area of each plot: 0.0087. Area harvested: 0.0059.

The Cocksfoot failed and was replaced by a mixture of Timothy at 8 lb and Meadow Fescue at 12 lb.

Cultivations, etc.: P and first dressings of N and K applied: Mar 23, 1964. Cut once: June 3. Sprayed with 3 amino-1,2,4 triazole at 6 lb and ammonium thiocyanate at 5.55 lb in 40 gals: June 10. Ploughed: July 3. Rotary cultivated: Aug 14. Grass resown: Aug 20. No further cuts were taken.

Standard error per plot.

Dry matter: 2.41 or 11.9% (33 d.f.)

64/C/6.2

SUMMARY OF RESULTS

DRY MATTER

|              | 9.5 | 22.1 | 22.2 | 21.3 | 19.5 | 24.4 | 22.3 | 17.2 | 22.1 | 21.0 | 22.6 | 20.1 | 20.3 |
|--------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| cwt per acre |     |      |      |      |      |      |      |      |      |      |      |      |      |
| N*           | 0.0 | 0.3  | 0.3  | 0.3  | 0.6  | 0.6  | 0.6  | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  |
| P205         | 0.6 | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 1.2  | 0.6  |
| K20*         | 0.0 | 0.0  | 0.3  | 0.6  | 0.0  | 0.3  | 0.6  | 0.0  | 0.3  | 0.6  | 0.6  | 0.6  | 0.6  |
| Mean         | 9.5 | 22.1 | 22.2 | 21.3 | 19.5 | 24.4 | 22.3 | 17.2 | 22.1 | 21.0 | 22.6 | 20.1 | 20.3 |

(±1.20)

Mean D.M. %: 21.3

\* For each cut