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Yields of the Field Experiments 1959

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59/R/CG/4 Grass - Clover V Ryegrass

Rothamsted Research

Rothamsted Research (1960) *59/R/CG/4 Grass - Clover V Ryegrass* ; Yields Of The Field Experiments 1959, pp 107 - 108 - DOI: <https://doi.org/10.23637/ERADOC-1-179>

Summary of Results

Clover. Dry matter cwt per acre
mean 49.1

Ryegrass. Dry matter cwt per acre

N to leys 1959				
0	R1	R2		Mean
<u>1st cut</u>				
23.4	54.8 (±0.98)	58.9		45.7
<u>2nd cut</u>				
7.2	13.7 (±0.28)	17.7		12.9
<u>Total of 2 cuts</u>				
30.6	68.5 (±1.09)	76.6		58.6

Mean dry matter % as cut

Clover	38.2
Ryegrass 1st cut	25.2
2nd cut	46.3
Total of 2 cuts	35.8

METEOROLOGICAL RECORDS 1959 - ROTHAMSTED
(Departure from long period means in brackets)

Month	Total sunshine: hours	Mean temperature: °F		In ground 4 ft. 4 ft.	Ground (2) frosts	Total rainfall: in. 1/1000 acre gauge	Rain (3) days	Drain-age through 20 in. soil: in.	Wind (4) m.p.h.
		Air (1)	Dew point						
Jan.	79 (+27)	33.6 (-3.7)	30.3	36.4	24	3.30 (+0.78)	19	2.98	4.6
Feb.	62 (-8)	38.1 (-0.1)	34.6	36.9	15	0.09 (-1.85)	8	0.09	3.6
Mar.	89 (-29)	44.0 (+2.7)	40.7	43.2	11	2.63 (+0.74)	16	1.25	4.9
Apr.	135 (-21)	48.7 (+2.9)	42.8	48.5	3	2.47 (+0.56)	16	0.56	5.1
May	219 (+23)	53.7 (+1.8)	46.1	54.0	5	1.28 (-0.87)	5	0.26	4.9
June	233 (+31)	58.9 (+1.6)	50.3	59.2	0	1.15 (-1.06)	13	0.00	4.1
July	277 (+83)	63.3 (+2.6)	54.7	63.5	0	4.51 (+1.97)	10	2.00	4.1
Aug.	229 (+46)	63.1 (+2.9)	56.2	63.8	0	1.65 (-0.96)	8	0.08	3.5
Sept.	208 (+63)	59.3 (+3.2)	52.4	59.5	0	0.16 (-2.23)	3	0.00	3.5
Oct.	150 (+46)	53.6 (+4.7)	48.5	53.9	1	2.39 (-0.58)	19	0.47	4.2
Nov.	65 (+4)	43.1 (+0.7)	41.1	45.2	12	2.39 (-0.41)	24	1.82	3.4
Dec.	31 (-14)	40.9 (+2.2)	38.6	42.0	11	4.68 (+2.10)	26	4.17	6.2
Year*	1777 (+251)	50.0 (+1.8)	44.7	50.5	82	26.70 (-1.81)	167	13.68	4.3

(3) Number of days rainfall was 0.01 in. or more.

(4) At 2 metres above ground level.

(1) Mean of maximum and minimum.

(2) Number of nights grass minimum was 30°F or less.

*Mean or total.