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Numerical Results of the Field Experiments 1968

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68/A/6 Hay the Park Grass Plots

Rothamsted Research

Rothamsted Research (1970) *68/A/6 Hay the Park Grass Plots* ; Numerical Results Of The Field Experiments 1968, pp 43 - 44 - DOI: <https://doi.org/10.23637/ERADOC-1-58>

68/A/6.1

HAY - THE PARK GRASS PLOTS

(PG)

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

Ground chalk was applied as follows (1b CaCO₃):-

Plot	Sub-plot		
	a	b	c
1	1786	-	2800
2,3,4/1	1786	-	-
4/2	1786	1120	5040
7,8	1786	-	-
9	1786	2240	3920
10	1786	1120	4480
11/1	3572	5600	4480
11/2	3572	3360	4480
13	1786	-	1120
14,16,17	1786	-	-
18	1020	-	2240

Whole plots:-

5/1*	5490
5/2*	4930
6*	6720
18/2,19,20	1020
12	-
15	-

* Plots at present used for microplot experiments.

Cultivations, etc.: Mineral fertilisers applied: 21 Nov, 1967.

Ground chalk applied to sub-plots: 13 Dec. Ground chalk applied

to whole plots: 28 Dec. Nitrogenous fertilisers applied:

1st dressing - 27 Mar, 1968, 2nd dressing - 22 Apr.

Cut twice: 11 June, 5 Nov.

SUMMARY OF RESULTS

DRY MATTER

Plot No	1st cut				Mean	2nd cut				Mean	Total of 2 cuts				Total
	a	b	c	d		a	b	c	d		a	b	c	d	
1	14.3	10.8	9.8	6.2	10.3	15.5	13.6	6.6	6.4	10.5	29.8	24.4	16.4	12.6	20.8
2	11.0	14.9	10.6	10.2	11.7	16.5	15.8	16.5	17.4	16.5	27.5	30.6	27.1	27.6	28.2
3	13.8	15.4	11.1	12.1	13.1	14.1	14.9	16.6	18.7	16.1	27.9	30.4	27.7	30.8	29.2
4-1	14.6	16.9	16.1	16.1	15.9	18.9	17.6	22.2	23.3	20.5	33.5	34.5	38.3	39.4	36.4
4-2	27.9	28.0	26.0	18.4	25.1	14.0	12.1	12.1	10.9	12.3	41.9	40.1	38.0	29.3	37.3
7	47.9	42.9	20.0	21.4	33.1	24.2	22.9	27.7	26.8	25.4	72.1	65.9	47.8	48.2	58.5
8	13.8	14.2	16.1	15.9	15.0	17.5	19.5	24.1	23.6	21.2	31.3	33.7	40.2	39.5	36.2
9	53.1	49.8	38.0	39.6	45.1	25.9	21.6	25.7	12.7	21.5	79.0	71.4	63.7	52.3	66.6
10	33.6	33.6	27.4	22.1	29.1	16.0	14.5	16.8	10.0	14.3	49.6	48.0	44.2	32.1	43.5
11-1	50.3	47.3	60.4	14.9	43.2	25.9	21.5	26.9	25.7	25.0	76.2	68.8	87.3	40.6	68.2
11-2	55.5	57.7	62.8	24.1	50.0	37.2	39.0	38.1	28.0	35.6	92.7	96.8	100.9	52.1	85.6
12	10.7	10.2	10.2	10.2	10.5	30.0	30.0	30.1	30.1	30.1	40.7	40.3	40.3	40.3	40.5
13	34.0	34.2	32.5	25.3	31.5	39.0	33.6	38.9	30.5	35.5	73.0	67.9	71.4	55.8	67.0
14	49.4	43.2	49.3	45.7	46.9	21.6	28.2	24.6	25.7	25.0	71.0	71.4	73.9	71.4	71.9
15	37.7	16.8	16.8	16.8	27.2	21.0	21.2	21.2	21.2	21.1	58.6	58.6	38.0	38.0	48.3
16	42.3	48.8	38.3	39.6	42.3	21.8	21.6	27.2	22.4	23.2	64.2	70.4	65.4	62.1	65.5
17	17.9	18.3	22.7	19.7	19.7	14.5	14.9	21.8	18.0	17.3	32.4	33.2	44.5	37.7	37.0
18-1	15.5	11.2	15.5	11.2	13.4	28.7	28.7	28.7	23.5	26.1	47.3	46.8	44.1	34.8	39.5
18-2	21.9	23.3	23.3	23.3	20.0	25.4	23.5	23.5	23.5	23.3	47.3	46.8	46.8	46.8	43.2
18-3	21.9	23.3	23.3	23.3	22.6	25.4	23.5	23.5	23.5	24.5	47.3	46.8	46.8	46.8	47.1
19-1	18.3	18.3	18.3	18.3	18.3	25.4	23.5	23.5	23.5	46.9	47.3	46.8	46.8	46.8	65.2
19-2	30.0	30.0	30.0	30.0	30.0	25.4	23.5	23.5	23.5	29.0	47.3	46.8	46.8	46.8	59.0
19-3	26.6	26.6	26.6	26.6	26.6	25.4	23.5	23.5	23.5	38.1	47.3	46.8	46.8	46.8	64.7
20-1	36.2	36.2	36.2	36.2	36.2	25.4	23.5	23.5	23.5	38.4	47.3	46.8	46.8	46.8	74.6
20-2	37.4	37.4	37.4	37.4	37.4	25.4	23.5	23.5	23.5	33.6	47.3	46.8	46.8	46.8	71.0
20-3	39.4	39.4	39.4	39.4	39.4	25.4	23.5	23.5	23.5	36.3	47.3	46.8	46.8	46.8	75.7

68/A/6.2

Total of 2 cuts: 22.2

2nd cut: 21.5

1st cut: 22.8