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Yields of the Field Experiments 1956

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56/R/A/5 Park Grass - Hay

Rothamsted Research

Rothamsted Research (1957) *56/R/A/5 Park Grass - Hay* ; Yields Of The Field Experiments 1956, pp 11 - 11 - DOI: <https://doi.org/10.23637/ERADOC-1-176>

56/A/5

HAY - THE PARK GRASS PLOTS 1956

The 101st year

For history, treatments etc. see "Details of the Classical and Long Term Experiments" 1956.

Cultivations, etc.: Lime applied: Nov 29, 1955. Mineral fertilizers applied: Dec 16. Supplementary ground chalk applied: Jan 4, 1956. Nitrogenous fertilizers applied: 1st dressing - Mar 22, 2nd dressing - Apr 16. Cut twice: July 12 and Nov 19 - 24.

Note: Because of the low CaO content of the lime used at the normal treatment rates, additional dressings of ground chalk were later applied to make up the deficiencies.

Summary of Results

Yield of Hay: cwt per acre

Plot	Not limed			Limed		
	1st Crop	2nd Crop	Total	1st Crop	2nd Crop	Total
1	1.5	4.6	6.1	7.9	5.5	13.4
2	7.7	6.1	13.8	7.1	4.4	11.5
3	7.3	6.0	13.3	7.7	3.0	10.7
4-1	15.5	9.2	24.7	15.7	10.4	26.1
4-2	5.7	10.4	16.1	22.3	9.6	31.9
5-1	7.0	4.5	11.5			
5-2	15.0	8.8	23.8			
6	20.6	12.4	33.0			
7	21.5	14.5	36.0	27.9	14.1	42.0
8	21.0	10.6	31.6	17.0	11.0	28.0
9	34.2	18.1	52.3	34.2	11.6	45.8
10	21.6	14.5	36.1	25.5	11.1	36.6
11-1	37.8	31.5	69.3	36.5	21.1	57.6
11-2	45.0	28.0	73.0	47.1	26.5	73.6
12	12.6	6.0	18.6			
13	23.2	13.2	36.4	18.7	12.0	30.7
14	41.7	22.9	64.6	34.5	17.5	52.0
15	15.2	10.2	25.4	27.0	19.6	46.6
16	24.7	16.9	41.6	28.7	19.1	47.8
17	23.2	16.0	39.2	19.6	13.6	33.2
18	0.8	9.4	10.2	15.7*	4.4*	20.1*
				17.4+	7.5+	24.9+
19	19.7	17.0	36.7	20.6*	14.0*	34.6*
				23.3+	16.6+	39.9+
20	27.0	17.2	44.2	24.4*	12.4*	36.8*
				27.9+	17.0+	44.9+

*Heavy liming

+Light liming

Note: The second crop was carted green; hay yields were estimated from the dry matter.