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Yields of the Field Experiments 1955

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55/R/A/5 Park Grass - Hay

Rothamsted Research

Rothamsted Research (1956) *55/R/A/5 Park Grass - Hay* ; Yields Of The Field Experiments 1955, pp 13 - 13 - DOI: <https://doi.org/10.23637/ERADOC-1-175>

55/A/5

HAY - THE PARK GRASS PLOTS 1955

The 100th year

For history, details of treatments etc. see "Results of the Field Experiments 1939-47" Vol.I, Section A/6.

Cultivations, etc.: Mineral fertilizers applied: Dec 27, 1954.
 Nitrogenous fertilizers applied: 1st dressing - Mar 16, 1955,
 2nd dressing - May 7. Cut: 1st - June 28, 2nd - Sept 16.

Summary of Results

Yield of Hay: cwt per acre

Plot	Not limed			Limed		
	1st Crop	2nd Crop	Total	1st Crop	2nd Crop	Total
1	1.8	1.8	3.6	22.0	2.6	24.6
2	15.1	2.2	17.3	20.0	3.0	23.0
3	11.0	1.2	12.2	18.8	2.5	21.3
4-1	21.8	2.0	23.8	23.6	3.8	27.4
4-2	3.1	1.2	4.3	28.7	3.4	32.1
5-1	11.3	1.8	13.1			
5-2	26.6	5.6	32.2			
6	33.6	6.4	40.0			
7	33.1	3.9	37.0	52.6	7.5	60.1
8	28.1	2.1	30.2	28.7	3.1	31.8
9	18.0	8.5	26.5	54.1	6.4	60.5
10	10.2	8.2	18.4	39.1	3.1	42.2
11-1	9.0	19.5	28.5	54.1	7.8	61.9
11-2	20.3	18.2	38.5	62.4	13.4	75.8
12	16.7	2.5	19.2			
13	41.8	6.4	48.2	38.7	8.2	46.9
14	45.3	5.8	51.1	48.8	6.5	55.3
15	25.8	4.5	30.3	35.8	6.1	41.9
16	35.7	6.2	41.9	39.8	7.6	47.4
17	21.0	4.4	25.4	25.6	5.0	30.6
18	16.8	4.4	21.2	31.5*	3.9*	35.4*
				31.7+	5.0+	36.7+
19	29.9	3.1	33.0	30.0*	2.9*	32.9*
				34.6+	3.6+	38.2+
20	38.5	4.0	42.5	39.1*	3.1*	42.2*
				35.7+	4.2+	39.9+

*Heavy liming

+Light liming

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