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Yields of the Field Experiments 1960

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60/R/A/5 Park Grass - Hay

Rothamsted Research

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60/A/5

HAY - THE PARK GRASS PLOTS 1960

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

Use of the flail-type forage harvester

Yields are based on sample cuts as for the second cut in 1959.

Cultivations, etc.: Ground chalk applied: Jan 27, 1960. Mineral fertilisers applied: Feb 5. Nitrogenous fertilisers applied: 1st dressing - Mar 31; 2nd dressing - Apr 28. Cut twice: June 15 and Oct 11.

Note: Commencing in 1960 yields from both 1st and 2nd crops will be presented as dry matter.

Summary of Results

Dry matter: cwt per acre

Plot	Not limed			Limed		
	1st crop	2nd crop	Total	1st crop	2nd crop	Total
1	5.9	4.2	10.1	15.2	10.7	25.9
2	13.4	11.2	24.6	13.8	11.8	25.6
3	12.4	9.8	22.2	13.5	9.9	23.4
4-1	17.9	13.1	31.0	13.3	10.5	23.8
4-2	17.8	16.1	33.9	27.3	14.0	41.3
5-1	10.1	9.2	19.3			
5-2	16.7	15.6	32.3			
6	20.1	18.4	38.5			
7	23.6	17.3	40.9	30.9	21.1	52.0
8	18.6	15.8	34.4	12.1	13.7	25.8
9	42.3	16.5	58.8	41.3	14.4	55.7
10	26.5	17.1	43.6	29.3	11.1	40.4
11-1	50.7	32.6	83.3	42.9	27.6	70.5
11-2	54.1	28.7	82.8	49.8	29.6	79.4
12	14.5	15.7	30.2			
13	24.0	16.9	40.9	24.8	22.4	47.2
14	41.8	21.4	63.2	45.9	18.4	64.3
15	18.2	13.0	31.2	30.4	23.8	54.2
16	34.7	18.4	53.1	40.4	21.5	61.9
17	21.4	13.9	35.3	20.6	10.7*	31.3*
18	5.7	13.9	19.6	21.6*	8.3*	29.9*
				23.0 ⁺	11.0 ⁺	34.0*
19	24.6	18.3	42.9	28.9*	17.3*	46.2*
				29.5 ⁺	20.7 ⁺	50.2 ⁺
20	28.4	18.9	47.3	33.9*	19.9*	53.8*
				35.5 ⁺	19.1 ⁺	54.6 ⁺

*Heavy liming. ⁺Light liming.

Mean dry matter % as cut: 1st crop 24.9; 2nd crop 25.6.