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Yields of the Field Experiments 1961

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61/R/A/5 Park Grass - Hay

Rothamsted Research

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61/A/5

HAY - THE PARK GRASS PLOTS 1961

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

Cultivations, etc.: Mineral fertilisers applied: Dec 9, 1960. Dung applied to appropriate plots: Dec 12. Nitrogenous fertilisers applied: 1st dressing - Mar 28, 1961; 2nd dressing - Apr 26. Cut twice: June 20 and Sept 21.

Summary of Results

Dry matter: cwt per acre

Plot	Not limed			Limed		
	1st crop	2nd crop	Total	1st crop	2nd crop	Total
1	9.2	3.5	12.7	25.4	6.4	31.8
2	14.1	5.0	19.1	23.6	6.4	30.0
3	11.1	3.5	14.6	22.6	5.2	27.8
4-1	20.0	5.4	25.4	23.3	5.3	28.6
4-2	20.9	5.9	26.8	30.0	5.9	35.9
5-1	11.0	4.5	15.5			
5-2	21.1	9.4	30.5			
6	28.0	8.9	36.9			
7	29.9	7.3	37.2	48.4	16.9	65.3
8	21.2	5.2	26.4	24.5	7.0	31.5
9	43.4	7.3	50.7	50.4	7.4	57.8
10	27.8	7.8	35.6	38.1	6.6	44.7
11-1	55.9	14.5	70.4	53.4	14.1	67.5
11-2	57.1	17.9	75.0	57.1	19.3	76.4
12	14.5	6.2	20.7			
13	42.0	11.5	53.5	44.1	19.2	63.3
14	43.5	10.1	53.6	50.0	8.5	58.5
15	31.4	7.5	38.9	42.4	11.6	54.0
16	35.8	7.4	43.2	45.5	12.0	57.5
17	23.8	4.1	27.9	30.2*	4.7*	34.9*
18	16.5	3.1	19.6	26.4 ⁺	4.1*	30.5 ⁺
				26.1 ⁺	4.3*	30.4*
19	41.3	9.6	50.9	49.0*	11.7 ⁺	60.7 ⁺
				43.7 ⁺	12.5*	56.2*
20	46.2	12.1	58.3	48.8*	12.2*	61.0*
				41.1 ⁺	13.5 ⁺	54.6 ⁺

*Heavy liming. ⁺Light liming.

Mean dry matter % as cut: 1st crop 27.7; 2nd crop 28.4