Yields of the Field Experiments 1950

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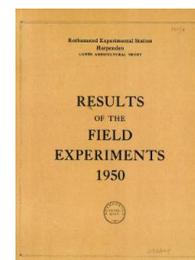
50/A/5 Park Grass - Hay

Rothamsted Research

HAY – THE PARK GRASS PLOTS 1950

The 95th year

For details of treatments etc.: see Appendix Y

Cultivations, etc.: Minerals applied: Dec 12-14.   Chain harrowed:
   Mar 9.   Rolled: Mar 13.   Nitrogenous fertilizers applied:
   1st dressing Apr 14-15;   2nd dressing: May 1.   1st cut: June 13-15.
   2nd cut: Sept 13-14.

Summary of Results

Plot	Not limed 1st Crop	Not limed 2nd Crop**	Not limed Total	Limed 1st Crop	Limed 2nd Crop**	Limed Total
1	0.8	7.1	7.9	12.3	4.8	17.1
2	13.0	9.0	22.0	10.1	8.5	18.6
3	10.0	7.9	17.9	11.1	6.1	17.2
4-1	15.7	9.2	24.9	17.9	10.4	28.3
4-2	0.7	4.0	4.7	27.8	6.0	33.8
5-1	3.1	1.8	4.9			
5-2	12.4	10.4	22.8			
6	25.9	20.4	46.3			
7	30.1	16.8	46.9	41.6	15.0	56.6
8	21.1	18.0	39.1	10.1	10.2	20.3
9	38.7	19.1	57.8	39.9	8.6	48.5
10	18.7	18.4	37.1	34.8	9.9	44.7
11-1	48.5	34.6	83.1	50.1	18.0	68.1
11-2	57.8	25.1	82.9	55.5	22.6	78.1
12	8.3	12.0	20.3			
13	28.8	20.0	48.8	30.6	18.2	48.8
14	46.6	24.9	71.5	49.7	12.1	61.8
				36.4^{*}	11.5^{*}	47.9^{*}
15	26.6	14.6	41.2	26.0	9.8	35.8
16	32.7	15.5	48.2	21.7	10.9	32.6
17	15.6	11.9	27.5	18.0	11.4	29.4
18	6.6	10.8	17.4	22.2^{+}	9.4^{+}	31.6^{+}
				21.1^{++}	11.2^{++}	32.3^{++}
19	29.6	20.5	50.1	29.0^{+}	25.4^{+}	54.4^{+}
				32.7^{++}	21.0^{++}	53.7^{++}
20	40.1	21.0	61.1	42.7^{+}	19.5^{+}	62.2^{+}
				43.5^{++}	20.1^{++}	63.6^{++}

* Shade

** These figures for the second crop are estimated hay yields
   calculated from the dry matter.

+ Heavy liming
++ Light liming