

Park Grass

Lime/chalk applications (as t/ha CaCO₃) 1856-1902

Plot	Treatment	Date applied	7th Jan 1881 ⁽²⁾	26th Feb 1881 ⁽³⁾	Nov 1883 ⁽⁴⁾	Nov 1887 ⁽⁵⁾	Nov 1887 ⁽⁶⁾	Dec 1896 ⁽⁷⁾	Dec 1896 ⁽⁸⁾	Total 1883-96 ⁽⁹⁾
1	N1		2.2	1.1	4.0		4.0			4.0
2	None since 1864		2.2	1.1	4.0		4.0			4.0
3	None		2.2	1.1	4.0		4.0			4.0
4/1	P		2.2	1.1	4.0		4.0			4.0
4/2	N2P		2.2	1.1	4.0		4.0			4.0
5 ⁽¹⁾	N2		2.2	1.1	4.0			4.0	8.0	8.0
6	N1PKNaMg		2.2	1.1	4.0		4.0			4.0
7	PKNaMg		2.2	1.1	4.0		4.0			4.0
8	PNaMg		2.2	1.1	4.0		4.0			4.0
9	N2PKNaMg		2.2	1.1	4.0		4.0			4.0
10	N2PNaMg		2.2	1.1	4.0		4.0			4.0
11/1	N3PKNaMg		2.2	1.1	4.0	4.0	8.0			8.0
11/2	N3PKNaMgSi		2.2	1.1	4.0	4.0	8.0			8.0
12	None		2.2	1.1	4.0		4.0			4.0
13	(N2PKNaMg) D/F		2.2	1.1	4.0		4.0			4.0
14	N*2PKNaMg				4.0		4.0			4.0
15	PKNaMg				4.0		4.0			4.0
16	N*1PKNaMg				4.0		4.0			4.0
17	N*1				4.0		4.0			4.0
18	N2KNaMg				4.0		4.0			4.0
19	(N*1PK) D				4.0		4.0			4.0
20	(N*1PK) D/N*PK				4.0		4.0			4.0

(1) Plot 5 divided into 5/1 and 5/2 in 1898

(2) Applied as coarsely broken chalk to 49 links (9.86 m) along the Northern end of plots 1-13

(3) Applied as finely ground chalk to 49 links (9.86m) along the Northern end of plots 1-13

(4) Applied as slaked lime to the Western halves of plots 1-17 and the Southern (probably) halves of plots 18-20.

(5) Applied as slaked lime to the Western halves of plots 11/1 and 11/2

(6) Applied as slaked lime to the Eastern halves of plots 1-17 and the Northern (probably) halves of plots 18-20. None to plot 5

(7) Applied as slaked lime to the Western half of plot 5.

(8) Applied as slaked lime to the Eastern half of plot 5.

(9) Total amount (t/ha, CaCO₃) of slaked lime applied to each plot (overall total, Western and Eastern halves) between November 1883 and December 1896 (excludes the 3.3 t/ha CaCO₃ applied as chalk to the strip along the Northern edge of plots 1-13 in January 1881)

Notes: In January 1903 plots 1-13 and 14-17 were reduced in length by 5 feet (1.52 m) at the Northern end.

In 1906 plot 1 was reduced in length at the Southern end because of shading (see White Book for Park Grass, 1919-59, page 1)

For full details of amounts applied see "Memoranda of the Origin, Plan and Results of the Field and other Experiments....at Rothamsted:" 1899.