Park Grass Chalk applications (as t/ha CaCO₃) since 1965

Plot	Treatmen	Season	1965	24/01/67 6 1967	13/12/67 & 28/12/67 1968	29/11/71 1972			21/01/94 & 8/2/94 1994	07/01/97 & 31/1/97 1997		07/07/03 & 23/7/03 2003		11/12/08 & 14-20/01/09 2009	Total input 1965- 2009
1	N1		Ī		2.00	2.00	3.80	8.70	7.00	3.00	3.00	1.50	1.50	1.50	34.0
•		b			2.00	2.00	0.00	5.90		1.50	1.50	1.00	0.75		12.9
		C	6.30	3.10	3.10			6.70		1.50	0.75	0.75	0.75		24.5
		d										• • • •	-		0.0
2/1	k	-			2.00	2.00		6.40	7.00	3.00	3.00	1.50	0.75	1.00	26.7
	Since 1996									0.75	0.75	1.00	0.75		4.3
		С						1.00	0.30	0.30	0.30	0.30	0.30		3.0
		d													0.0
2/2	Ni	l a			2.00	2.00		6.40	7.00	3.00	3.00	1.50			24.9
		b								0.75	0.75	0.75	0.30	0.50	3.1
		С						1.00	0.30	0.30				0.30	1.9
		d													0.0
3	Ni	l a			2.00	2.00		6.50	7.00	3.00	3.00	1.50	0.50	0.50	26.0
		b						4.70		0.75				0.50	6.0
		С						1.10	0.30					0.50	1.9
		d													0.0
4/1	F	Ра			2.00	2.00		4.50	7.00	3.00	3.00	1.50	1.50	2.00	26.5
		b								0.75	0.75	0.75	0.30	0.30	2.9
		С							0.30	0.30	0.30				0.9
		d													0.0
4/2	N2F	Ра			2.00		12.60	7.60		5.10	6.00	4.00	4.00		57.4
		b	2.50		1.30			5.40		3.60	3.60	2.00	1.00	1.00	29.0
		С	11.30	5.70	5.70			3.80	3.60	2.10	1.50	2.00	1.00	1.00	37.7
		d													0.0
6	N1PKNaMg				7.50		6.30	4.60		3.00	3.00	3.00	3.00		41.4
		b			7.50				1.50	1.50	1.50	1.50	2.00		18.5
7	PKNaMg	•			2.00	2.00	3.80	4.10	7.00	3.00	3.00	2.00	2.00		31.9
		b								0.75	0.75	2.00	1.50		6.0
		С						2.30	0.30	0.30	0.30	0.30	0.30	0.50	4.3
		d													0.0
8	PNaMo	•			2.00	2.00		4.00	7.00	3.00	3.00	2.00	2.00		28.0
		b								0.75	0.75	0.75	0.50		3.3
		С							0.30	0.30	0.30			0.30	1.2
		d													0.0

	Sc	eason	1965	1967	1968	1972	1976	1990	1994	1997	2000	2003	2006	2009	Total 1965-
Plot			1000		.000	.0.2	.0.0			1001	2000		2000	2000	2009
9/1	(N2)PKNaMg	a			2.00	2.00	13.80		21.00	6.00	6.00	3.00	3.00	2.00	58.8
	N2 until 1989	b	5.00		2.50				11.50	1.50	1.50		0.75	0.75	23.5
		С	8.80	4.40	4.40				8.75	1.50	1.50			1.00	30.4
		d													0.0
9/2	N2PKNaMg	а			2.00	2.00	13.80	9.50	15.10	10.20	6.00	4.00	3.00	3.00	68.6
		b	5.00		2.50			6.40	8.60	3.60	3.60	2.00	3.00	2.00	36.7
		С	8.80	4.40	4.40			4.30	5.10	2.10	3.00	3.00	1.00	2.00	38.1
		d													0.0
10	N2PNaMg	а			2.00		16.30	4.40	12.10	10.20	6.00	4.00	3.00	4.00	62.0
		b	2.50		1.30			3.30	8.60	7.20	5.00	2.00		1.50	31.4
		С	10.00	5.00	5.00			2.70	5.10	4.20	2.10	2.00	0.50	1.00	37.6
44/4	NODKNAMA	d			4.00		20.70	2.00	22.00	40.00	40.00	F 00	F 00	F 00	0.0
11/1	N3PKNaMg	a	10.60	6.20	4.00 6.30		20.70	3.80	22.00	12.00	12.00	5.00 2.00	5.00	5.00	89.5
		b	12.60 10.00	6.30 5.00	5.00			8.50 3.70	10.50 9.00	4.50	4.50 3.00	2.00 3.00	1.00 1.50	1.50 2.00	57.7 48.2
		c d	10.00	5.00	5.00			3.70	9.00	6.00	3.00	3.00	1.50	2.00	0.0
11/2	N3PKNaMgSi	a			4.00		19.50	6.20	14.00	12.00	10.20	5.00	4.00	3.00	77.9
1 1/2	1401 Talango	b	7.50	3.80	3.80		10.00	4.20	10.50	4.50	5.00	2.00	1.00	1.50	43.8
		С	10.00	5.00	5.00			3.20	9.00	3.00	3.00	1.50	1.50	1.50	42.7
		d		0.00	0.00			0.20	0.00	0.00	0.00				0.0
12	Nil	а					18.20	3.20	3.00	3.00	3.00	1.50	1.50	2.00	35.4
		b					7.50	4.30	0.75			0.75	0.75	1.00	15.1
		С							0.30					0.30	0.6
		d													0.0
13/1	Nil	а			2.00	2.00		5.10	5.00	3.00	3.00	2.00	1.50	2.00	25.6
	(FYM/Fishmeal	b										0.75	0.75	1.00	2.5
	until 1994)	С	2.50		1.30				0.30			0.30	0.30	0.30	5.0
		d													0.0
13/2	FYM/Fishmeal	а			2.00	2.00		5.10	5.00	3.00	3.00	2.00	2.00	2.00	26.1
		b	0.50		4.00				0.00			0.30	0.30	0.50	1.1
		C	2.50		1.30				0.30						4.1
1 1/1	(N*2)PKNaMg	d			2.00	2.00			7.00	3.00	3.00	2.00	2.00	2.00	0.0 23.0
14/1	(N 2)PKNaMg N*2 until 1989	a b			2.00	2.00			7.00	3.00	3.00	2.00	2.00 1.50	2.00	23.0 1.5
	N 2 UIIII 1909	C											1.50		0.0
		d													0.0
14/2	N*2PKNaMg	a			2.00	2.00		0.90	2.25	2.25	2.25	2.00	2.00	2.00	17.7
. 1/2	z. mang	b			00	00		0.00	0	2.20	0	00	2.00	2.00	0.0
		C													0.0
		d													0.0

Plot	S Treatment s	Season Sub-plot	1965	1967	1968	1972	1976	1990	1994	1997	2000	2003	2005	2008	Total 1965- 2009
15	PKNaMg	a					6.90	2.90	3.00	3.00	5.10	3.00	3.00	3.00	29.9
		b							0.75	0.75	0.75	1.50	1.50	1.00	6.3
		С							1.30	0.30	0.30	0.30	0.30	0.30	2.8
		d													0.0
16	N*1PKNaMg	а			2.00	2.00	1.90	2.00	2.25	2.25	2.25	3.00	3.00	3.00	23.7
		b													0.0
		С													0.0
		d													0.0
17	N*1	а			2.00	2.00		4.00	2.25	2.25	2.25	2.25	1.50	2.00	20.5
		b													0.0
		С													0.0
(40/0)	NIOIZNIAMA	d			4.40	4.40	4.00	7.00	10.10	5.40	T 40	4.00	4.00	4.00	0.0
(18/3)	N2KNaMg	a			1.10	1.10	1.90	7.30	12.10	5.10	5.10	4.00	4.00	4.00	45.7 46.9
(18/1)		b c	5.00	2.50	2.50			9.40	6.60 8.10	3.60 2.10	2.10 2.10	2.00	1.00 1.00	1.50 0.30	16.8 33.0
(10/1)		d	3.00	2.50	2.30			3.40	0.10	2.10	2.10		1.00	0.50	0.0
		ď													0.0
18/2	N2KNaMg				1.10	1.10									2.2
19/1	FYM				1.10										1.1
19/2					1.10										1.1
19/3					1.10										1.1
20/1	FYM/N*PK				1.10										1.1
20/2					1.10										1.1
20/3					1.10										1.1

A new liming scheme started in 1965; most plots were divided in four with the intention of maintaining pH on the "a" subplots at 7 the "b" subplots at 6 and the "c" subplots at 5, the "d" subplots were to be left unlimed. Parts of plot 18 were included in the new scheme but 18/2 and plots 19 and 20 were not. To avoid large fluctuations in pH the scheme was revised for 1994 to apply the chalk on a regular 3-year cycle.

Note: Applications were as ground chalk, applied as necessary, to maintain soil pH at the required level.