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A Celebration of 150 Years of the Park Grass Experiment



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Species Composition Table

Rothamsted Research

Rothamsted Research (2006) *Species Composition Table*; A Celebration Of 150 Years Of The Park Grass Experiment, pp 3 - 3 - **DOI:** https://doi.org/10.23637/ERADOC-1-253

Species comprising at least 10% of herbage, and total number of species;
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Treatment	Plot	Soil pH																				
	1 lot	1995-02	AC	AP	AO	AE	DG	FR	HP	HL	LoP	LaP	TP	AS	CN	нѕ	LH	PL	RaA	RuA	SM	specie
Nil	3a b	7.2 6.4	10 10	++	++	++	+	20 20	++	++	+	++	++	:	10 10	+	15 15	+ 10	+	+	10 +	39 36
	c d	5.3 5.2	30 45	-+	++	-+	+	30 30	+	++	-	++	++	-	10	+	15	+	+	+	+	37 36
Nil	12a	7.0	15	+	+	+	+	10	+	+	+	+	10		+	+	20	+	+	+	+	44
-	b c	6.3 5.2	20 25	++	++	+	+	20 40	++	+	+	++	++	-	+	-+	15 10	++	++	+	++	42 37
	d	5.1	30	-	+	+	+	30	+	+	+	+	+	-	+	-	15	+	+	+	+	42
Nil	2/2a b	7.1 6.0	15 10	+	+	+	+	15 15	+	+	+	++	++	-	10 10	+	20 15	+ 10	+	+	+	42 37
	c d	5.2 5.1	30 35	+	+	+	+	35 30	+	+		+	+	- :	10 20	- 1	+	+	+	+	+	33 33
Р	4/1a	6.9	+	+	+	+	+	20	+	+	+	+	10	-	+	+	15	10	+	+	+	34
	b	6.1 5.2	30	+	+	+	+	20 25	+	+	+	+	+	-	+	-	10 10	15 +	10	+	+	34 29
	d	5.3	25	+	+	+	+	25	+	+	+	+	+	-	+	-	15	+	+	+	+	32
PNaMg	8a b	7.0 6.1	10	+	+	+	+	20 20	+	+	+	+	10	-	10	+	15	+	10	+	+	36 37
	c d	5.3 5.2	30 30	+	+	+	+	20 20	+	+	+	+	+	-	+	-	15 10	+	+	+	+	32 29
PKNaMg	7a	6.9	+	+	+	15	+	+	+	+	+	15	15	+	+	+	-	10	+	+	-	27
	b c	5.9	25	15	+	20	+	+	+	+	-	15	10	-	15	+	+	10	+	+	-	29 28
PKNaMg	d 15a	4.9 6.7	40	+	+	10	+	10	+	+	+	20	15	+	10	-	+	+	+	+	•	28
Privately	b	5.9 5.0	+ 20	+	+	15	+	10	+	+	+	+ +	20 20	+	15	+	+	10	+	+	-	27 26
	ď	4.9	40	+	+	+	+	10	+	+	+	+	10	-	+	+	+	+	+	+	-	27
N*1	17a	7.1 6.4	10 15	+	+	+	+	15 +	++	++	++	-+	+	:	+	+	25 30	10 15	+	+	+	32 34
	c d	5.8 5.8	25 25	+	+	+	+	10 10	+	+	+		-+	-	10	+	25 10	10	+	+	+	34 34
N*1PKNaMg	16a	6.7	+	10	+	25	+	15	+	+	+	10	10	+	-	+	-	+	+	+		25
	b	6.2 5.5	+ 25	10 10	+	25 15	+	15 10	+	+	+	+	+	+	-	+	:	10	+	+	:	25 23
	d	5.4	35	+	+	15	+	+	+	+	+	+	+	-	+	+	-	+	+	+	-	27
N*2PKNaMg	14/2a b	6.9 6.4	+	20 20	-+	50 40	++	+	+	-+	++	+	-+	10 10	1	++	-	+	++	+	1	24 24
	c d	6.1 5.9	+	20 25	+	40 30	+ 10	++	-+	++	++	++	-	+	:	+ 10	-	++	++	+		21 22
N1	1a	7.1	+	+	+	+	10	25	10	+	-	+	+	-	+	-	10	+	+	+	+	33
	b	6.2 5.3	20 35	+	+	+	10	25 45	+	+	+	+	+		10	-	+	+	+	+	+	31 33
	d	4.1	65	-	30	-	-	+	-	-	-		-	-	-	-	-	-	•	-	-	10
N2KNaMg	18a b	7.1 6.3	15 30	+	+	+	10	15 15	+	+	+	-	-	-	10 25	+	10	+	-	+	-	30 29
	c d	5.4 3.8	35 80	-	20	+	15 -	20	-	+	10		-	-	-	-	-	-	-	+	-	21 6
N2P	4/2a	6.9	10	+	+	+	+	55	+	10	+			-	+	-	-	+	+	+	-	22
	c	6.2 5.2	15 30	10	+	+	+	55 55	+	10	+	-	-	-	- 1	- 1	-	+	-	10	- 1	14
MODNISMS	d	3.7	30		70	+		+	-	+	-		-	-	•	-	-	-	-	+	•	10
N2PNaMg	10a b c	6.9 5.9 4.9	10 20 25	+ 15 +	10 10	+	+ + +	45 40 50	-+	+ + +	-		-	-		-	-	10 +	+	10 10	-	23 15 16
	d	3.7	+	-	85	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	4
N2PKNaMg	9/2a b	6.9 6.3	++	15 25	+	25 35	10	+	-	15 15	+	+	+	+	:	10	:	+	+	+	-	22 17
	c d	5.0	30 15	10	10 65	+	+	15	-	+ 20	-	+	+	+	-	+	-	-	-	+	-	18
N3PKNaMg	11/1a	6.5	+	20	-	40	10	+	+	10	+			+	-	+	-	_	+	+	_	14
	b	6.2 4.9	+	20 30	++	35 20	20	+	+	10 30	+	-	-	+	-	++	-	-	-	++	-	15 13
	d	3.6	-	-	+	-	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	3
N3PKNaMgSi	11/2a b	6.7 5.9	+	25 35	+	45 40	10 10	+		10	+	+	-	+		10 +	-	+		+	-	14 10
	c d	5.0 3.7	10	40 +	+	35	+	+	+	10 95	:	-	-	+	1	+	-	-	:	+	-	13 4
FYM/PM	13/2a	6.8	30	+	+	+	10	15	+	+	10	-		-	+	+	-	-	-	+	-	28
	b c	6.1 5.3	+ 20	15 +	+	20	10	+	+	+ 10	+	++	- +	+	+	10 +	+	10	+	+	-	30 32
	d	5.1	35	10	+	+	+	10	+	10	+	+	+	-	+	+	+	+	+	+	-	34
FYM	19/2 19/3	6.1 5.7	+ 25	10	+	20 15	+	+	+	+	+	+	+	+	+	+	-	15 10	+ 10	+	-	30 27
ALC: N	19/1	5.4	45	+	+	10	+	+	+	+	+	+	+	-	+	+	+	+	+	+	-	31 29
FYM/N*PK	20/2	6.1	+	15	+	25	+			10	+									+		

Data are from surveys immediately before hay harvest; rounded to the nearest 5% of dry matter, mean 1991-2000.

+, species present at less than 10%; -, species not identified on that plot.