Popis experimentu

1: třtina
2: kohoutek
3: Cirsium

1: monokultura
2: směsná kult

1: 0,5 mM
2: 5 mM

0: -VAM
1: +VAM

container	druh	species	competition	nitrogen	mycorrhiza	m_roots
1	c	3	2	2	0	0.0812
1	t	1	2	2	0	3.1451
2	c	3	2	2	0	0.0802
2	t	1	2	2	0	3.2939
3	c	3	2	2	0	0.0605
3	t	1	2	2	0	2.8124
4	c	3	2	2	0	0.1674
4	t	1	2	2	0	2.1076
5	c	3	2	2	0	0.1288
5	t	1	2	2	0	1.7249
6	c	3	2	2	0	0.0123
6	t	1	2	2	0	3.1981
7	c	3	2	2	0	0.0748
7	t	1	2	2	0	4.8996
8	t	1	1	2	0	3.2138
9	t	1	1	2	0	3.5052
10	t	1	1	2	0	2.1402
11	t	1	1	2	0	2.8707
12	t	1	1	2	0	3.2142
13	t	1	1	2	0	3.0194
14	t	1	1	2	0	4.5173
15	c	3	2	2	1	0.262
15	t	1	2	2	1	2.6962
16	c	3	2	2	1	0.3399
16	t	1	2	2	1	2.0082
17	c	3	2	2	1	0.2261
17	t	1	2	2	1	1.3834
18	c	3	2	2	1	0.656
18	t	1	2	2	1	1.1568
19	c	3	2	2	1	0.3336
19	t	1	2	2	1	3.6288
20	c	3	2	2	1	0.3525
20	t	1	2	2	1	1.7384
21	c	3	2	2	1	0.3695
21	t	1	2	2	1	3.2787
22	t	1	1	2	1	3.1202
23	t	1	1	2	1	2.1408
24	t	1	1	2	1	2.0071
25	t	1	1	2	1	5.6341
26	t	1	1	2	1	3.0926
27	t	1	1	2	1	3.4182
28	t	1	1	2	1	3.8151
29	c	3	1	2	1	2.1733
30	c	3	1	2	1	1.8482
31	c	3	1	2	1	1.6508
32	c	3	1	2	1	1.2838
33	c	3	1	2	1	1.8854
34	c	3	1	2	1	2.245
35	c	3	1	2	1	1.9156
36	c	3	1	2	0	1.4907
37	c	3	1	2	0	1.6053

38	c	3	1	2	0	1.3998
39	c	3	1	2	0	1.2926
40	c	3	1	2	0	1.4394
41	c	3	1	2	0	1.3964
42	c	3	1	2	0	1.0173
43	k	2	2	2	0	0.4521
43	t	1	2	2	0	3.7576
44	k	2	2	2	0	2.5148
44	t	1	2	2	0	2.3981
45	k	2	2	2	0	1.1837
45	t	1	2	2	0	3.371
46	k	2	2	2	0	1.0816
46	t	1	2	2	0	3.0368
47	k	2	2	2	0	1.7722
47	t	1	2	2	0	2.3878
48	k	2	2	2	0	0.1833
48	t	1	2	2	0	3.4268
49	k	2	2	2	0	2.5133
49	t	1	2	2	0	1.8257
50	k	2	1	2	0	5.0151
51	k	2	1	2	0	3.9261
52	k	2	1	2	0	5.165
53	k	2	1	2	0	5.289
54	k	2	1	2	0	3.9802
55	k	2	1	2	0	3.1575
56	k	2	1	2	0	3.928
57	k	2	2	2	1	0.9855
57	t	1	2	2	1	5.1044
58	k	2	2	2	1	0.2296
58	t	1	2	2	1	3.1278
59	k	2	2	2	1	0.5909
59	t	1	2	2	1	2.3855
60	k	2	2	2	1	0.5776
60	t	1	2	2	1	2.944
61	k	2	2	2	1	1.7502
61	t	1	2	2	1	2.1151
62	k	2	2	2	1	2.1109
62	t	1	2	2	1	3.6924
63	k	2	2	2	1	1.7402
63	t	1	2	2	1	4.4711
64	k	2	1	2	1	5.4392
65	k	2	1	2	1	4.9127
66	k	2	1	2	1	3.3398
67	k	2	1	2	1	3.1016
68	k	2	1	2	1	6.6976
69	k	2	1	2	1	3.7483
70	k	2	1	2	1	4.3769
71	c	3	1	1	1	1.2471
72	c	3	1	1	1	0.9325
73	c	3	1	1	1	1.2422
74	c	3	1	1	1	1.0956
75	c	3	1	1	1	1.1163
76	c	3	1	1	1	1.1393
77	c	3	1	1	1	1.3415
78	c	3	2	1	1	0.0848
78	t	1	2	1	1	2.3673

79	c	3	2	1	1	0.2383
79	t	1	2	1	1	2.2906
80	c	3	2	1	1	0.3329
80	t	1	2	1	1	1.5309
81	c	3	2	1	1	0.3956
81	t	1	2	1	1	1.3413
82	t	1	2	1	1	1.9674
83	c	3	2	1	1	0.2561
83	t	1	2	1	1	1.606
84	c	3	2	1	1	0.1988
84	t	1	2	1	1	1.7559
85	t	1	1	1	1	3.3745
86	t	1	1	1	1	3.4056
87	t	1	1	1	1	3.3684
88	t	1	1	1	1	3.3151
89	t	1	1	1	1	3.2702
90	t	1	1	1	1	3.2903
91	t	1	1	1	1	3.1792
92	c	3	1	1	0	1.2633
93	c	3	1	1	0	1.0503
94	c	3	1	1	0	1.1636
95	c	3	1	1	0	1.1284
96	c	3	1	1	0	1.48
97	c	3	1	1	0	1.109
98	c	3	1	1	0	1.0323
99	c	3	2	1	0	0.2606
99	t	1	2	1	0	1.6785
100	c	3	2	1	0	0.1832
100	t	1	2	1	0	2.9093
101	c	3	2	1	0	0.183
101	t	1	2	1	0	2.2096
102	c	3	2	1	0	0.2042
102	t	1	2	1	0	2.1991
103	c	3	2	1	0	0.1486
103	t	1	2	1	0	2.8144
104	c	3	2	1	0	0.2357
104	t	1	2	1	0	3.4831
105	c	3	2	1	0	0.1008
105	t	1	2	1	0	3.9065
106	t	1	1	1	0	3.7299
107	t	1	1	1	0	3.9695
108	t	1	1	1	0	4.933
109	t	1	1	1	0	3.8759
110	t	1	1	1	0	4.1265
111	t	1	1	1	0	5.4629
112	t	1	1	1	0	6.034
113	t	1	2	1	0	4.1302
114	k	2	2	1	0	0.8871
114	t	1	2	1	0	2.5579
115	k	2	2	1	0	1.0071
115	t	1	2	1	0	2.4364
116	t	1	2	1	0	3.3733
117	k	2	2	1	0	1.6909
117	t	1	2	1	0	2.5281
118	k	2	2	1	0	1.2263
118	t	1	2	1	0	2.036

119	k	2	2	1	0	0.5246
119	t	1	2	1	0	2.4619
120	k	2	2	1	1	0.8503
120	t	1	2	1	1	1.8792
121	k	2	2	1	1	0.5947
121	t	1	2	1	1	1.9612
122	k	2	2	1	1	1.4006
122	t	1	2	1	1	1.2893
123	k	2	2	1	1	1.5953
123	t	1	2	1	1	1.2391
124	k	2	2	1	1	1.448
124	t	1	2	1	1	0.9293
125	k	2	2	1	1	1.192
125	t	1	2	1	1	1.6783
126	k	2	2	1	1	1.1656
126	t	1	2	1	1	1.1258
127	k	2	1	1	1	1.5904
128	k	2	1	1	1	2.3157
129	k	2	1	1	1	2.3553
130	k	2	1	1	1	1.0386
131	k	2	1	1	1	2.5739
132	k	2	1	1	1	2.907
133	k	2	1	1	1	2.6141
134	k	2	1	1	0	2.1765
135	k	2	1	1	0	2.856
136	k	2	1	1	0	2.5111
137	k	2	1	1	0	2.3105
138	k	2	1	1	0	1.9838
139	k	2	1	1	0	3.301
140	k	2	1	1	0	2.1186

74???	t	1	1	1	1	
82	c					

m_leaves	m_runners(fleshy)	m_total
0.4897	0.621	1.1919
7.1706	0.7803	11.096
0.6308	1.1391	1.8501
7.2235	0.558	11.0754
0.8154	1.1707	2.0466
7.0987	1.3881	11.2992
0.6895	1.1456	2.0025
6.2247	0.6976	9.0299
0.4303	2.0707	2.6298
4.6935	0.5514	6.9698
0.3837	0.2859	0.6819
7.8331	0.7013	11.7325
0.5192	1.0862	1.6802
7.6808	1.3941	13.9745
8.5896	1.0989	12.9023
9.5614	1.1029	14.1695
8.503	1.3554	11.9986
9.2381	1.0391	13.1479
8.9185	1.201	13.3337
9.1227	1.0856	13.2277
8.4215	1.5057	14.4445
1.4733	4.2887	6.024
4.0095	0.3388	7.0445
2.0885	4.1544	6.5828
3.7275	0.1995	5.9352
2.524	5.6281	8.3782
2.5342	0.1384	4.056
2.3209	5.8585	8.8354
1.205	0.0612	2.423
1.8981	2.9802	5.2119
5.8991	0.5745	10.1024
2.3312	5.8035	8.4872
2.3535	0.136	4.2279
2.0586	4.4746	6.9027
3.8563	0.4789	7.6139
8.9786	0.9975	13.0963
7.911	0.6892	10.741
9.1586	0.7223	11.888
8.413	1.0071	15.0542
9.562	1.3506	14.0052
9.8469	1.358	14.6231
9.913	1.2663	14.9944
2.8415	6.191	11.2058
2.2126	6.4501	10.5109
2.0356	6.4589	10.1453
1.6886	6.2765	9.2489
2.8275	6.8786	11.5915
1.9182	6.2789	10.4421
2.6396	6.3587	10.9139
1.9549	6.5904	10.036
2.1948	6.497	10.2971

1.5414	6.0432	8.9844
1.8729	5.7171	8.8826
1.3393	6.1321	8.9108
1.7183	5.5268	8.6415
0.9742	5.5268	7.5183
0.8866		1.3387
7.6931	1.854	13.3047
3.0201		5.5349
3.8573	0.3643	6.6197
3.7		4.8837
4.2617	0.5611	8.1938
1.504		2.5856
6.5353	0.2552	9.8273
5.3124		7.0846
2.965	0.3705	5.7233
0.3902		0.5735
7.9742		11.401
3.6707		6.184
2.0517	0.1273	4.0047
6.0244		11.0395
5.7031		9.6292
5.3795		10.5445
5.7818		11.0708
4.2207		8.2009
3.4879		6.6454
4.697		8.625
4.0942		5.0797
4.6378	0.2993	10.0415
1.0485		1.2781
7.7475	1.4827	12.358
0.957	0	1.5479
7.7406	0.5679	10.694
0.7725		1.3501
7.3041	0.7743	11.0224
3.063		4.8132
4.4141	0.7009	7.2301
3.6042		5.7151
3.9613	0.4768	8.1305
3.0199		4.7601
5.982	0.5274	10.9805
6.1535		11.5927
7.2761		12.1888
3.9106		7.2504
5.6229		8.7245
6.3547		13.0523
7.2116		10.9599
5.8084		10.1853
1.1348	2.6018	4.9837
1.0492	2.7415	4.7232
1.169	3.1287	5.5399
0.982	2.5242	4.6018
1.0293	3.2939	5.4395
0.8834	2.1993	4.222
1.1025	3.1046	5.5486
0.4394	0.4987	1.0229
1.7125	0.3211	4.4009

0.4993	1.8966	2.6342
1.073	0.2295	3.5931
0.3957	1.6334	2.362
1.2686	0.0546	2.8541
0.4665	1.5543	2.4164
1.1647	0.1163	2.6223
0.9196	0.1126	2.9996
0.2877	0.7631	1.3069
1.5626	0.1163	3.2849
0.6709	2.5062	3.3759
0.7305	0.1836	2.67
2.7134	0.557	6.6449
2.3747	0.3867	6.167
2.743	0.3355	6.4469
2.5644	0.2696	6.1491
2.4427	0.2464	5.9593
2.5053	0.5715	6.3671
2.43	0.3382	5.9474
1.2939	4.4569	7.0141
1.3653	3.9382	6.3538
1.1814	3.6919	6.0369
0.9127	3.5988	5.6399
0.7195	2.8303	5.0298
1.377	3.0109	5.4969
1.1876	3.5983	5.8182
0.3906	1.8035	2.4547
1.4537	0.1215	3.2537
0.4174	1.1957	1.7963
1.0265	0.8615	4.7973
0.6941	2.01	2.8871
1.9008	0.1836	4.294
0.3884	1.7311	2.3237
1.7221	0.1928	4.114
0.5645	1.3687	2.0818
2.1005	0.3268	5.2417
0.397	1.3638	1.9965
1.986	0.0823	5.5514
0.3425	1.4342	1.8775
2.0536	0.5066	6.4667
3.1919	0.2561	7.1779
2.7661	0.3581	7.0937
2.9505	0.4135	8.297
3.0111	0.3213	7.2083
2.8133	0.3702	7.31
3.2249	0.3901	9.0779
2.3332	0.4885	8.8557
2.7499	0.3306	7.2107
0.2674		1.1545
2.4135	0.3139	5.2853
0.5524		1.5595
1.572	0.0522	4.0606
3.2578	0.2551	6.8862
1.251		2.9419
1.1795	0.2525	3.9601
0.3477		1.574
2.0418	0.1141	4.1919

0.2559		0.7805
2.4334	0.2677	5.163
0.3353		1.1856
1.1354	0.1028	3.1174
0.1079		0.7026
1.646	0.6127	4.2199
1.4479		2.8485
0.4184	0.0507	1.7584
1.3501		2.9454
0.6499	0.021	1.91
0.5156		1.9636
1.3179	0.1518	2.399
0.8682		2.0602
0.9368	0.1003	2.7154
0.0775		1.2431
0.3927	0.0556	1.5741
1.3202		2.9106
2.1103		4.426
1.9289		4.2842
0.8725		1.9111
2.4077		4.9816
2.0201		4.9271
1.9321		4.5462
1.3434		3.5199
1.454		4.31
1.6308		4.1419
2.0136		4.3241
1.6511		3.6349
2.7103		6.0113
1.493		3.6116

3.8573		3.8573
0.5279	1.5873	2.1152

container	species	competitior	nitrogen	mycorrhiza	m_roots	m_leaves	m_total
50	Lychnis flos-cuculi	no	5 mM N	no	5.0151	6.0244	11.0395
51	Lychnis flos-cuculi	no	5 mM N	no	3.9261	5.7031	9.6292
52	Lychnis flos-cuculi	no	5 mM N	no	5.165	5.3795	10.5445
53	Lychnis flos-cuculi	no	5 mM N	no	5.289	5.7818	11.0708
54	Lychnis flos-cuculi	no	5 mM N	no	3.9802	4.2207	8.2009
55	Lychnis flos-cuculi	no	5 mM N	no	3.1575	3.4879	6.6454
56	Lychnis flos-cuculi	no	5 mM N	no	3.928	4.697	8.625
64	Lychnis flos-cuculi	no	5 mM N	yes	5.4392	6.1535	11.5927
65	Lychnis flos-cuculi	no	5 mM N	yes	4.9127	7.2761	12.1888
66	Lychnis flos-cuculi	no	5 mM N	yes	3.3398	3.9106	7.2504
67	Lychnis flos-cuculi	no	5 mM N	yes	3.1016	5.6229	8.7245
68	Lychnis flos-cuculi	no	5 mM N	yes	6.6976	6.3547	13.0523
69	Lychnis flos-cuculi	no	5 mM N	yes	3.7483	7.2116	10.9599
70	Lychnis flos-cuculi	no	5 mM N	yes	4.3769	5.8084	10.1853
127	Lychnis flos-cuculi	no	0,5 mM N	yes	1.5904	1.3202	2.9106
128	Lychnis flos-cuculi	no	0,5 mM N	yes	2.3157	2.1103	4.426
129	Lychnis flos-cuculi	no	0,5 mM N	yes	2.3553	1.9289	4.2842
130	Lychnis flos-cuculi	no	0,5 mM N	yes	1.0386	0.8725	1.9111
131	Lychnis flos-cuculi	no	0,5 mM N	yes	2.5739	2.4077	4.9816
132	Lychnis flos-cuculi	no	0,5 mM N	yes	2.907	2.0201	4.9271
133	Lychnis flos-cuculi	no	0,5 mM N	yes	2.6141	1.9321	4.5462
134	Lychnis flos-cuculi	no	0,5 mM N	no	2.1765	1.3434	3.5199
135	Lychnis flos-cuculi	no	0,5 mM N	no	2.856	1.454	4.31
136	Lychnis flos-cuculi	no	0,5 mM N	no	2.5111	1.6308	4.1419
137	Lychnis flos-cuculi	no	0,5 mM N	no	2.3105	2.0136	4.3241
138	Lychnis flos-cuculi	no	0,5 mM N	no	1.9838	1.6511	3.6349
139	Lychnis flos-cuculi	no	0,5 mM N	no	3.301	2.7103	6.0113
140	Lychnis flos-cuculi	no	0,5 mM N	no	2.1186	1.493	3.6116
43	Lychnis flos-cuculi	yes	5 mM N	no	0.4521	0.8866	1.3387
44	Lychnis flos-cuculi	yes	5 mM N	no	2.5148	3.0201	5.5349
45	Lychnis flos-cuculi	yes	5 mM N	no	1.1837	3.7	4.8837
46	Lychnis flos-cuculi	yes	5 mM N	no	1.0816	1.504	2.5856
47	Lychnis flos-cuculi	yes	5 mM N	no	1.7722	5.3124	7.0846
48	Lychnis flos-cuculi	yes	5 mM N	no	0.1833	0.3902	0.5735
49	Lychnis flos-cuculi	yes	5 mM N	no	2.5133	3.6707	6.184
57	Lychnis flos-cuculi	yes	5 mM N	yes	0.9855	4.0942	5.0797
58	Lychnis flos-cuculi	yes	5 mM N	yes	0.2296	1.0485	1.2781
59	Lychnis flos-cuculi	yes	5 mM N	yes	0.5909	0.957	1.5479
60	Lychnis flos-cuculi	yes	5 mM N	yes	0.5776	0.7725	1.3501
61	Lychnis flos-cuculi	yes	5 mM N	yes	1.7502	3.063	4.8132
62	Lychnis flos-cuculi	yes	5 mM N	yes	2.1109	3.6042	5.7151
63	Lychnis flos-cuculi	yes	5 mM N	yes	1.7402	3.0199	4.7601
114	Lychnis flos-cuculi	yes	0,5 mM N	no	0.8871	0.2674	1.1545
115	Lychnis flos-cuculi	yes	0,5 mM N	no	1.0071	0.5524	1.5595
117	Lychnis flos-cuculi	yes	0,5 mM N	no	1.6909	1.251	2.9419
118	Lychnis flos-cuculi	yes	0,5 mM N	no	1.2263	0.3477	1.574
119	Lychnis flos-cuculi	yes	0,5 mM N	no	0.5246	0.2559	0.7805
120	Lychnis flos-cuculi	yes	0,5 mM N	yes	0.8503	0.3353	1.1856
121	Lychnis flos-cuculi	yes	0,5 mM N	yes	0.5947	0.1079	0.7026
122	Lychnis flos-cuculi	yes	0,5 mM N	yes	1.4006	1.4479	2.8485
123	Lychnis flos-cuculi	yes	0,5 mM N	yes	1.5953	1.3501	2.9454
124	Lychnis flos-cuculi	yes	0,5 mM N	yes	1.448	0.5156	1.9636
125	Lychnis flos-cuculi	yes	0,5 mM N	yes	1.192	0.8682	2.0602
126	Lychnis flos-cuculi	yes	0,5 mM N	yes	1.1656	0.0775	1.2431

m_roots_corr	m_leaves_corr	m_total_corr
2.50755	3.0122	5.51975
1.96305	2.85155	4.8146
2.5825	2.68975	5.27225
2.6445	2.8909	5.5354
1.9901	2.11035	4.10045
1.57875	1.74395	3.3227
1.964	2.3485	4.3125
2.7196	3.07675	5.79635
2.45635	3.63805	6.0944
1.6699	1.9553	3.6252
1.5508	2.81145	4.36225
3.3488	3.17735	6.52615
1.87415	3.6058	5.47995
2.18845	2.9042	5.09265
0.7952	0.6601	1.4553
1.15785	1.05515	2.213
1.17765	0.96445	2.1421
0.5193	0.43625	0.95555
1.28695	1.20385	2.4908
1.4535	1.01005	2.46355
1.30705	0.96605	2.2731
1.08825	0.6717	1.75995
1.428	0.727	2.155
1.25555	0.8154	2.07095
1.15525	1.0068	2.16205
0.9919	0.82555	1.81745
1.6505	1.35515	3.00565
1.0593	0.7465	1.8058
0.4521	0.8866	1.3387
2.5148	3.0201	5.5349
1.1837	3.7	4.8837
1.0816	1.504	2.5856
1.7722	5.3124	7.0846
0.1833	0.3902	0.5735
2.5133	3.6707	6.184
0.9855	4.0942	5.0797
0.2296	1.0485	1.2781
0.5909	0.957	1.5479
0.5776	0.7725	1.3501
1.7502	3.063	4.8132
2.1109	3.6042	5.7151
1.7402	3.0199	4.7601
0.8871	0.2674	1.1545
1.0071	0.5524	1.5595
1.6909	1.251	2.9419
1.2263	0.3477	1.574
0.5246	0.2559	0.7805
0.8503	0.3353	1.1856
0.5947	0.1079	0.7026
1.4006	1.4479	2.8485
1.5953	1.3501	2.9454
1.448	0.5156	1.9636
1.192	0.8682	2.0602
1.1656	0.0775	1.2431

container	species	competitior	nitrogen	mycorrhiza	m_roots	m_leaves	m_runners	m_total
29	Cirsium	no	5 mM N	yes	2.1733	2.8415	6.191	11.2058
30	Cirsium	no	5 mM N	yes	1.8482	2.2126	6.4501	10.5109
31	Cirsium	no	5 mM N	yes	1.6508	2.0356	6.4589	10.1453
32	Cirsium	no	5 mM N	yes	1.2838	1.6886	6.2765	9.2489
33	Cirsium	no	5 mM N	yes	1.8854	2.8275	6.8786	11.5915
34	Cirsium	no	5 mM N	yes	2.245	1.9182	6.2789	10.4421
35	Cirsium	no	5 mM N	yes	1.9156	2.6396	6.3587	10.9139
36	Cirsium	no	5 mM N	no	1.4907	1.9549	6.5904	10.036
37	Cirsium	no	5 mM N	no	1.6053	2.1948	6.497	10.2971
38	Cirsium	no	5 mM N	no	1.3998	1.5414	6.0432	8.9844
39	Cirsium	no	5 mM N	no	1.2926	1.8729	5.7171	8.8826
40	Cirsium	no	5 mM N	no	1.4394	1.3393	6.1321	8.9108
41	Cirsium	no	5 mM N	no	1.3964	1.7183	5.5268	8.6415
42	Cirsium	no	5 mM N	no	1.0173	0.9742	5.5268	7.5183
71	Cirsium	no	0,5 mM N	yes	1.2471	1.1348	2.6018	4.9837
72	Cirsium	no	0,5 mM N	yes	0.9325	1.0492	2.7415	4.7232
73	Cirsium	no	0,5 mM N	yes	1.2422	1.169	3.1287	5.5399
74	Cirsium	no	0,5 mM N	yes	1.0956	0.982	2.5242	4.6018
75	Cirsium	no	0,5 mM N	yes	1.1163	1.0293	3.2939	5.4395
76	Cirsium	no	0,5 mM N	yes	1.1393	0.8834	2.1993	4.222
77	Cirsium	no	0,5 mM N	yes	1.3415	1.1025	3.1046	5.5486
92	Cirsium	no	0,5 mM N	no	1.2633	1.2939	4.4569	7.0141
93	Cirsium	no	0,5 mM N	no	1.0503	1.3653	3.9382	6.3538
94	Cirsium	no	0,5 mM N	no	1.1636	1.1814	3.6919	6.0369
95	Cirsium	no	0,5 mM N	no	1.1284	0.9127	3.5988	5.6399
96	Cirsium	no	0,5 mM N	no	1.48	0.7195	2.8303	5.0298
97	Cirsium	no	0,5 mM N	no	1.109	1.377	3.0109	5.4969
98	Cirsium	no	0,5 mM N	no	1.0323	1.1876	3.5983	5.8182
1	Cirsium	yes	5 mM N	no	0.0812	0.4897	0.621	1.1919
2	Cirsium	yes	5 mM N	no	0.0802	0.6308	1.1391	1.8501
3	Cirsium	yes	5 mM N	no	0.0605	0.8154	1.1707	2.0466
4	Cirsium	yes	5 mM N	no	0.1674	0.6895	1.1456	2.0025
5	Cirsium	yes	5 mM N	no	0.1288	0.4303	2.0707	2.6298
6	Cirsium	yes	5 mM N	no	0.0123	0.3837	0.2859	0.6819
7	Cirsium	yes	5 mM N	no	0.0748	0.5192	1.0862	1.6802
15	Cirsium	yes	5 mM N	yes	0.262	1.4733	4.2887	6.024
16	Cirsium	yes	5 mM N	yes	0.3399	2.0885	4.1544	6.5828
17	Cirsium	yes	5 mM N	yes	0.2261	2.524	5.6281	8.3782
18	Cirsium	yes	5 mM N	yes	0.656	2.3209	5.8585	8.8354
19	Cirsium	yes	5 mM N	yes	0.3336	1.8981	2.9802	5.2119
20	Cirsium	yes	5 mM N	yes	0.3525	2.3312	5.8035	8.4872
21	Cirsium	yes	5 mM N	yes	0.3695	2.0586	4.4746	6.9027
78	Cirsium	yes	0,5 mM N	yes	0.0848	0.4394	0.4987	1.0229
79	Cirsium	yes	0,5 mM N	yes	0.2383	0.4993	1.8966	2.6342
80	Cirsium	yes	0,5 mM N	yes	0.3329	0.3957	1.6334	2.362
81	Cirsium	yes	0,5 mM N	yes	0.3956	0.4665	1.5543	2.4164
83	Cirsium	yes	0,5 mM N	yes	0.2561	0.2877	0.7631	1.3069
84	Cirsium	yes	0,5 mM N	yes	0.1988	0.6709	2.5062	3.3759
99	Cirsium	yes	0,5 mM N	no	0.2606	0.3906	1.8035	2.4547
100	Cirsium	yes	0,5 mM N	no	0.1832	0.4174	1.1957	1.7963
101	Cirsium	yes	0,5 mM N	no	0.183	0.6941	2.01	2.8871
102	Cirsium	yes	0,5 mM N	no	0.2042	0.3884	1.7311	2.3237
103	Cirsium	yes	0,5 mM N	no	0.1486	0.5645	1.3687	2.0818
104	Cirsium	yes	0,5 mM N	no	0.2357	0.397	1.3638	1.9965
105	Cirsium	yes	0,5 mM N	no	0.1008	0.3425	1.4342	1.8775

m_roots_c	m_leaves_	m_runners	m_total_co	m_under_corr
1.08665	1.42075	3.0955	5.6029	4.18215
0.9241	1.1063	3.22505	5.25545	4.14915
0.8254	1.0178	3.22945	5.07265	4.05485
0.6419	0.8443	3.13825	4.62445	3.78015
0.9427	1.41375	3.4393	5.79575	4.382
1.1225	0.9591	3.13945	5.22105	4.26195
0.9578	1.3198	3.17935	5.45695	4.13715
0.74535	0.97745	3.2952	5.018	4.04055
0.80265	1.0974	3.2485	5.14855	4.05115
0.6999	0.7707	3.0216	4.4922	3.7215
0.6463	0.93645	2.85855	4.4413	3.50485
0.7197	0.66965	3.06605	4.4554	3.78575
0.6982	0.85915	2.7634	4.32075	3.4616
0.50865	0.4871	2.7634	3.75915	3.27205
0.62355	0.5674	1.3009	2.49185	1.92445
0.46625	0.5246	1.37075	2.3616	1.837
0.6211	0.5845	1.56435	2.76995	2.18545
0.5478	0.491	1.2621	2.3009	1.8099
0.55815	0.51465	1.64695	2.71975	2.2051
0.56965	0.4417	1.09965	2.111	1.6693
0.67075	0.55125	1.5523	2.7743	2.22305
0.63165	0.64695	2.22845	3.50705	2.8601
0.52515	0.68265	1.9691	3.1769	2.49425
0.5818	0.5907	1.84595	3.01845	2.42775
0.5642	0.45635	1.7994	2.81995	2.3636
0.74	0.35975	1.41515	2.5149	2.15515
0.5545	0.6885	1.50545	2.74845	2.05995
0.51615	0.5938	1.79915	2.9091	2.3153
0.0812	0.4897	0.621	1.1919	0.7022
0.0802	0.6308	1.1391	1.8501	1.2193
0.0605	0.8154	1.1707	2.0466	1.2312
0.1674	0.6895	1.1456	2.0025	1.313
0.1288	0.4303	2.0707	2.6298	2.1995
0.0123	0.3837	0.2859	0.6819	0.2982
0.0748	0.5192	1.0862	1.6802	1.161
0.262	1.4733	4.2887	6.024	4.5507
0.3399	2.0885	4.1544	6.5828	4.4943
0.2261	2.524	5.6281	8.3782	5.8542
0.656	2.3209	5.8585	8.8354	6.5145
0.3336	1.8981	2.9802	5.2119	3.3138
0.3525	2.3312	5.8035	8.4872	6.156
0.3695	2.0586	4.4746	6.9027	4.8441
0.0848	0.4394	0.4987	1.0229	0.5835
0.2383	0.4993	1.8966	2.6342	2.1349
0.3329	0.3957	1.6334	2.362	1.9663
0.3956	0.4665	1.5543	2.4164	1.9499
0.2561	0.2877	0.7631	1.3069	1.0192
0.1988	0.6709	2.5062	3.3759	2.705
0.2606	0.3906	1.8035	2.4547	2.0641
0.1832	0.4174	1.1957	1.7963	1.3789
0.183	0.6941	2.01	2.8871	2.193
0.2042	0.3884	1.7311	2.3237	1.9353
0.1486	0.5645	1.3687	2.0818	1.5173
0.2357	0.397	1.3638	1.9965	1.5995
0.1008	0.3425	1.4342	1.8775	1.535

container	species	competitior	nitrogen	mycorrhiza	m_roots	m_leaves	m_runners	m_under
8	Calam	no	5 mM N	no	3.2138	8.5896	1.0989	4.3127
9	Calam	no	5 mM N	no	3.5052	9.5614	1.1029	4.6081
10	Calam	no	5 mM N	no	2.1402	8.503	1.3554	3.4956
11	Calam	no	5 mM N	no	2.8707	9.2381	1.0391	3.9098
12	Calam	no	5 mM N	no	3.2142	8.9185	1.201	4.4152
13	Calam	no	5 mM N	no	3.0194	9.1227	1.0856	4.105
14	Calam	no	5 mM N	no	4.5173	8.4215	1.5057	6.023
22	Calam	no	5 mM N	yes	3.1202	8.9786	0.9975	4.1177
23	Calam	no	5 mM N	yes	2.1408	7.911	0.6892	2.83
24	Calam	no	5 mM N	yes	2.0071	9.1586	0.7223	2.7294
25	Calam	no	5 mM N	yes	5.6341	8.413	1.0071	6.6412
26	Calam	no	5 mM N	yes	3.0926	9.562	1.3506	4.4432
27	Calam	no	5 mM N	yes	3.4182	9.8469	1.358	4.7762
28	Calam	no	5 mM N	yes	3.8151	9.913	1.2663	5.0814
85	Calam	no	0,5 mM N	yes	3.3745	2.7134	0.557	3.9315
86	Calam	no	0,5 mM N	yes	3.4056	2.3747	0.3867	3.7923
87	Calam	no	0,5 mM N	yes	3.3684	2.743	0.3355	3.7039
88	Calam	no	0,5 mM N	yes	3.3151	2.5644	0.2696	3.5847
89	Calam	no	0,5 mM N	yes	3.2702	2.4427	0.2464	3.5166
90	Calam	no	0,5 mM N	yes	3.2903	2.5053	0.5715	3.8618
91	Calam	no	0,5 mM N	yes	3.1792	2.43	0.3382	3.5174
106	Calam	no	0,5 mM N	no	3.7299	3.1919	0.2561	3.986
107	Calam	no	0,5 mM N	no	3.9695	2.7661	0.3581	4.3276
108	Calam	no	0,5 mM N	no	4.933	2.9505	0.4135	5.3465
109	Calam	no	0,5 mM N	no	3.8759	3.0111	0.3213	4.1972
110	Calam	no	0,5 mM N	no	4.1265	2.8133	0.3702	4.4967
111	Calam	no	0,5 mM N	no	5.4629	3.2249	0.3901	5.853
112	Calam	no	0,5 mM N	no	6.034	2.3332	0.4885	6.5225
43	Calam	yes	Lychnis 5 mM N	no	3.7576	7.6931	1.854	5.6116
44	Calam	yes	Lychnis 5 mM N	no	2.3981	3.8573	0.3643	2.7624
45	Calam	yes	Lychnis 5 mM N	no	3.371	4.2617	0.5611	3.9321
46	Calam	yes	Lychnis 5 mM N	no	3.0368	6.5353	0.2552	3.292
47	Calam	yes	Lychnis 5 mM N	no	2.3878	2.965	0.3705	2.7583
48	Calam	yes	Lychnis 5 mM N	no	3.4268	7.9742		3.4268
49	Calam	yes	Lychnis 5 mM N	no	1.8257	2.0517	0.1273	1.953
57	Calam	yes	Lychnis 5 mM N	yes	5.1044	4.6378	0.2993	5.4037
58	Calam	yes	Lychnis 5 mM N	yes	3.1278	7.7475	1.4827	4.6105
59	Calam	yes	Lychnis 5 mM N	yes	2.3855	7.7406	0.5679	2.9534
60	Calam	yes	Lychnis 5 mM N	yes	2.944	7.3041	0.7743	3.7183
61	Calam	yes	Lychnis 5 mM N	yes	2.1151	4.4141	0.7009	2.816
62	Calam	yes	Lychnis 5 mM N	yes	3.6924	3.9613	0.4768	4.1692
63	Calam	yes	Lychnis 5 mM N	yes	4.4711	5.982	0.5274	4.9985
113	Calam	yes	Lychnis 0,5 mM N	no	4.1302	2.7499	0.3306	4.4608
114	Calam	yes	Lychnis 0,5 mM N	no	2.5579	2.4135	0.3139	2.8718
115	Calam	yes	Lychnis 0,5 mM N	no	2.4364	1.572	0.0522	2.4886
116	Calam	yes	Lychnis 0,5 mM N	no	3.3733	3.2578	0.2551	3.6284
117	Calam	yes	Lychnis 0,5 mM N	no	2.5281	1.1795	0.2525	2.7806
118	Calam	yes	Lychnis 0,5 mM N	no	2.036	2.0418	0.1141	2.1501
119	Calam	yes	Lychnis 0,5 mM N	no	2.4619	2.4334	0.2677	2.7296
120	Calam	yes	Lychnis 0,5 mM N	yes	1.8792	1.1354	0.1028	1.982
121	Calam	yes	Lychnis 0,5 mM N	yes	1.9612	1.646	0.6127	2.5739
122	Calam	yes	Lychnis 0,5 mM N	yes	1.2893	0.4184	0.0507	1.34
123	Calam	yes	Lychnis 0,5 mM N	yes	1.2391	0.6499	0.021	1.2601
124	Calam	yes	Lychnis 0,5 mM N	yes	0.9293	1.3179	0.1518	1.0811
125	Calam	yes	Lychnis 0,5 mM N	yes	1.6783	0.9368	0.1003	1.7786

126	Calam	yes	Lychnis	0,5 mM	N	yes	1.1258	0.3927	0.0556	1.1814
1	Calam	yes	Cirsium	5 mM	N	no	3.1451	7.1706	0.7803	3.9254
2	Calam	yes	Cirsium	5 mM	N	no	3.2939	7.2235	0.558	3.8519
3	Calam	yes	Cirsium	5 mM	N	no	2.8124	7.0987	1.3881	4.2005
4	Calam	yes	Cirsium	5 mM	N	no	2.1076	6.2247	0.6976	2.8052
5	Calam	yes	Cirsium	5 mM	N	no	1.7249	4.6935	0.5514	2.2763
6	Calam	yes	Cirsium	5 mM	N	no	3.1981	7.8331	0.7013	3.8994
7	Calam	yes	Cirsium	5 mM	N	no	4.8996	7.6808	1.3941	6.2937
15	Calam	yes	Cirsium	5 mM	N	yes	2.6962	4.0095	0.3388	3.035
16	Calam	yes	Cirsium	5 mM	N	yes	2.0082	3.7275	0.1995	2.2077
17	Calam	yes	Cirsium	5 mM	N	yes	1.3834	2.5342	0.1384	1.5218
18	Calam	yes	Cirsium	5 mM	N	yes	1.1568	1.205	0.0612	1.218
19	Calam	yes	Cirsium	5 mM	N	yes	3.6288	5.8991	0.5745	4.2033
20	Calam	yes	Cirsium	5 mM	N	yes	1.7384	2.3535	0.136	1.8744
21	Calam	yes	Cirsium	5 mM	N	yes	3.2787	3.8563	0.4789	3.7576
78	Calam	yes	Cirsium	0,5 mM	N	yes	2.3673	1.7125	0.3211	2.6884
79	Calam	yes	Cirsium	0,5 mM	N	yes	2.2906	1.073	0.2295	2.5201
80	Calam	yes	Cirsium	0,5 mM	N	yes	1.5309	1.2686	0.0546	1.5855
81	Calam	yes	Cirsium	0,5 mM	N	yes	1.3413	1.1647	0.1163	1.4576
82	Calam	yes	Cirsium	0,5 mM	N	yes	1.9674	0.9196	0.1126	2.08
83	Calam	yes	Cirsium	0,5 mM	N	yes	1.606	1.5626	0.1163	1.7223
84	Calam	yes	Cirsium	0,5 mM	N	yes	1.7559	0.7305	0.1836	1.9395
99	Calam	yes	Cirsium	0,5 mM	N	no	1.6785	1.4537	0.1215	1.8
100	Calam	yes	Cirsium	0,5 mM	N	no	2.9093	1.0265	0.8615	3.7708
101	Calam	yes	Cirsium	0,5 mM	N	no	2.2096	1.9008	0.1836	2.3932
102	Calam	yes	Cirsium	0,5 mM	N	no	2.1991	1.7221	0.1928	2.3919
103	Calam	yes	Cirsium	0,5 mM	N	no	2.8144	2.1005	0.3268	3.1412
104	Calam	yes	Cirsium	0,5 mM	N	no	3.4831	1.986	0.0823	3.5654
105	Calam	yes	Cirsium	0,5 mM	N	no	3.9065	2.0536	0.5066	4.4131

m_total	m_roots_c	m_leaves_	m_runners	m_under_c	m_total_co	Re-labelling of Competition!
12.9023	1.6069	4.2948	0.54945	2.15635	6.45115	1 - monoculture
14.1695	1.7526	4.7807	0.55145	2.30405	7.08475	2 - competition with Lychnis
11.9986	1.0701	4.2515	0.6777	1.7478	5.9993	3 - competition with Cirsium
13.1479	1.43535	4.61905	0.51955	1.9549	6.57395	
13.3337	1.6071	4.45925	0.6005	2.2076	6.66685	
13.2277	1.5097	4.56135	0.5428	2.0525	6.61385	
14.4445	2.25865	4.21075	0.75285	3.0115	7.22225	
13.0963	1.5601	4.4893	0.49875	2.05885	6.54815	
10.741	1.0704	3.9555	0.3446	1.415	5.3705	
11.888	1.00355	4.5793	0.36115	1.3647	5.944	
15.0542	2.81705	4.2065	0.50355	3.3206	7.5271	
14.0052	1.5463	4.781	0.6753	2.2216	7.0026	
14.6231	1.7091	4.92345	0.679	2.3881	7.31155	
14.9944	1.90755	4.9565	0.63315	2.5407	7.4972	
6.6449	1.68725	1.3567	0.2785	1.96575	3.32245	
6.167	1.7028	1.18735	0.19335	1.89615	3.0835	
6.4469	1.6842	1.3715	0.16775	1.85195	3.22345	
6.1491	1.65755	1.2822	0.1348	1.79235	3.07455	
5.9593	1.6351	1.22135	0.1232	1.7583	2.97965	
6.3671	1.64515	1.25265	0.28575	1.9309	3.18355	
5.9474	1.5896	1.215	0.1691	1.7587	2.9737	
7.1779	1.86495	1.59595	0.12805	1.993	3.58895	
7.0937	1.98475	1.38305	0.17905	2.1638	3.54685	
8.297	2.4665	1.47525	0.20675	2.67325	4.1485	
7.2083	1.93795	1.50555	0.16065	2.0986	3.60415	
7.31	2.06325	1.40665	0.1851	2.24835	3.655	
9.0779	2.73145	1.61245	0.19505	2.9265	4.53895	
8.8557	3.017	1.1666	0.24425	3.26125	4.42785	
13.3047	3.7576	7.6931	1.854	5.6116	13.3047	
6.6197	2.3981	3.8573	0.3643	2.7624	6.6197	
8.1938	3.371	4.2617	0.5611	3.9321	8.1938	
9.8273	3.0368	6.5353	0.2552	3.292	9.8273	
5.7233	2.3878	2.965	0.3705	2.7583	5.7233	
11.401	3.4268	7.9742	0	3.4268	11.401	
4.0047	1.8257	2.0517	0.1273	1.953	4.0047	
10.0415	5.1044	4.6378	0.2993	5.4037	10.0415	
12.358	3.1278	7.7475	1.4827	4.6105	12.358	
10.694	2.3855	7.7406	0.5679	2.9534	10.694	
11.0224	2.944	7.3041	0.7743	3.7183	11.0224	
7.2301	2.1151	4.4141	0.7009	2.816	7.2301	
8.1305	3.6924	3.9613	0.4768	4.1692	8.1305	
10.9805	4.4711	5.982	0.5274	4.9985	10.9805	
7.2107	4.1302	2.7499	0.3306	4.4608	7.2107	
5.2853	2.5579	2.4135	0.3139	2.8718	5.2853	
4.0606	2.4364	1.572	0.0522	2.4886	4.0606	
6.8862	3.3733	3.2578	0.2551	3.6284	6.8862	
3.9601	2.5281	1.1795	0.2525	2.7806	3.9601	
4.1919	2.036	2.0418	0.1141	2.1501	4.1919	
5.163	2.4619	2.4334	0.2677	2.7296	5.163	
3.1174	1.8792	1.1354	0.1028	1.982	3.1174	
4.2199	1.9612	1.646	0.6127	2.5739	4.2199	
1.7584	1.2893	0.4184	0.0507	1.34	1.7584	
1.91	1.2391	0.6499	0.021	1.2601	1.91	
2.399	0.9293	1.3179	0.1518	1.0811	2.399	
2.7154	1.6783	0.9368	0.1003	1.7786	2.7154	

1.5741	1.1258	0.3927	0.0556	1.1814	1.5741
11.096	3.1451	7.1706	0.7803	3.9254	11.096
11.0754	3.2939	7.2235	0.558	3.8519	11.0754
11.2992	2.8124	7.0987	1.3881	4.2005	11.2992
9.0299	2.1076	6.2247	0.6976	2.8052	9.0299
6.9698	1.7249	4.6935	0.5514	2.2763	6.9698
11.7325	3.1981	7.8331	0.7013	3.8994	11.7325
13.9745	4.8996	7.6808	1.3941	6.2937	13.9745
7.0445	2.6962	4.0095	0.3388	3.035	7.0445
5.9352	2.0082	3.7275	0.1995	2.2077	5.9352
4.056	1.3834	2.5342	0.1384	1.5218	4.056
2.423	1.1568	1.205	0.0612	1.218	2.423
10.1024	3.6288	5.8991	0.5745	4.2033	10.1024
4.2279	1.7384	2.3535	0.136	1.8744	4.2279
7.6139	3.2787	3.8563	0.4789	3.7576	7.6139
4.4009	2.3673	1.7125	0.3211	2.6884	4.4009
3.5931	2.2906	1.073	0.2295	2.5201	3.5931
2.8541	1.5309	1.2686	0.0546	1.5855	2.8541
2.6223	1.3413	1.1647	0.1163	1.4576	2.6223
2.9996	1.9674	0.9196	0.1126	2.08	2.9996
3.2849	1.606	1.5626	0.1163	1.7223	3.2849
2.67	1.7559	0.7305	0.1836	1.9395	2.67
3.2537	1.6785	1.4537	0.1215	1.8	3.2537
4.7973	2.9093	1.0265	0.8615	3.7708	4.7973
4.294	2.2096	1.9008	0.1836	2.3932	4.294
4.114	2.1991	1.7221	0.1928	2.3919	4.114
5.2417	2.8144	2.1005	0.3268	3.1412	5.2417
5.5514	3.4831	1.986	0.0823	3.5654	5.5514
6.4667	3.9065	2.0536	0.5066	4.4131	6.4667