

**Plants (general)**

<b>treatment</b>	<b>height</b>	<b>leaves</b>	<b>inflorescences</b>	<b>Capitophorus abundance</b>	<b>B. cardui abundance</b>
control	100	38	2	10	10
control	105	29	1	25	5
control	65	38	1	10	5
control	112	45	1	5	5
control	101	40	1	25	5
control	19	28	1	10	10
control	150	38	2	5	5
control	94	35	1	5	5
control	94	30	1	0	10
control	147	38	2	10	25
control	47	38	1	10	10
control	74	34	1	25	5
control	122	32	2	0	10
control	73	32	1	10	5
control	98	28	1	5	25
NPK-rich	101	58	2	75	25
NPK-rich	86	29	2	75	75
NPK-rich	94	84	3	75	25
NPK-rich	95	54	4	75	25
NPK-rich	93	47	4	75	75
NPK-rich	78	64	3	75	10
NPK-rich	99	58	3	75	25
NPK-rich	90	54	3	50	50
NPK-rich	80	72	2	75	25
NPK-rich	110	82	5	75	75
NPK-rich	98	94	5	75	5
NPK-rich	106	68	3	75	5
NPK-rich	112	45	2	75	75
NPK-rich	121	68	4	50	25
NPK-rich	131	48	3	50	5
2NPK-rich	84	40	2	75	50
2NPK-rich	121	66	4	75	5
2NPK-rich	102	62	3	75	75
2NPK-rich	61	45	2	50	75
2NPK-rich	67	44	2	75	10
2NPK-rich	85	54	3	75	5
2NPK-rich	118	56	4	50	75
2NPK-rich	87	78	3	50	25
2NPK-rich	87	54	3	75	25
2NPK-rich	96	58	3	50	50
2NPK-rich	120	128	5	75	25
2NPK-rich	112	102	4	50	50
2NPK-rich	99	62	4	25	25
2NPK-rich	93	68	4	75	10

# Plant chemical

Treatments	C:N ratio	N content	C content
control	48.1430	0.8858	36.5547
control	36.2642	1.2289	38.1975
control	38.1318	1.0605	34.6628
control	26.8329	1.5051	34.6174
NPK	8.2846	4.9901	35.4353
NPK	10.1082	4.2519	36.8395
NPK	10.3947	4.1662	37.1199
NPK	13.8661	3.0947	36.7809
2NPK	7.5466	5.6000	36.2237
2NPK	7.2085	5.8554	36.1787
2NPK	7.7756	4.8146	32.0883
2NPK	12.9283	2.9339	32.5115

# Aphid chemical

Aphid species	Aph. Treatme	Aph. C:N ratio	Aph. N content	Aph. C content
Capitophorus	control	9.2960	2.1770	17.3466
Capitophorus	control	10.9811	2.1254	20.0048
Capitophorus	control	10.3842	2.1531	19.1637
Capitophorus	control	9.5040	2.3027	18.7586
Capitophorus	control	9.0281	2.0138	15.5836
Capitophorus	NPK	9.7859	1.9956	16.7391
Capitophorus	NPK	8.8004	2.0518	15.4774
Capitophorus	NPK	9.5118	1.9906	16.2289
Capitophorus	NPK	9.6632	1.9109	15.8277
Capitophorus	NPK	9.2904	1.9635	15.6354
Capitophorus	2NPK	10.7183	2.1692	19.9286
Capitophorus	2NPK	9.5972	1.6009	13.1694
Capitophorus	2NPK	7.9423	1.9429	13.2270
Capitophorus	2NPK	8.9112	2.2256	16.9993
Capitophorus	2NPK	8.7957	2.1350	16.0960
B. cardui	control	14.1737	2.0194	24.5329
B. cardui	control	11.8262	1.8009	18.2553
B. cardui	control	11.2820	2.4043	23.2501
B. cardui	control	12.2438	2.6691	28.0114
B. cardui	control	9.9108	2.7115	23.0337
B. cardui	NPK	10.4517	2.0372	18.2503
B. cardui	NPK	8.9323	2.0046	15.3479
B. cardui	NPK	8.3188	2.8986	20.6680
B. cardui	NPK	9.1315	2.1632	16.9313
B. cardui	NPK	8.4818	2.2946	16.6820
B. cardui	2NPK	8.2932	1.8211	12.9454
B. cardui	2NPK	8.8264	2.8499	21.5606
B. cardui	2NPK	7.7461	2.2648	15.0370
B. cardui	2NPK	8.2298	2.2592	15.9364
B. cardui	2NPK	8.6174	2.1521	15.8962

# Honeydew

Aphid species	H. treatment	H. C:N ratio	H. N content	H. C content	treatment	uric acid µg/mL
Capitophorus	control	312.3357	0.2165	57.9580	NPK	0.650
Capitophorus	control	734.2576	0.0539	33.9308	NPK	0.565
Capitophorus	control	473.4629	0.0812	32.9675	NPK	0.730
Capitophorus	control	596.1154	0.0588	30.0620	NPK	0.770
Capitophorus	control	575.8283	0.0622	30.7043	2NPK	2.254
Capitophorus	control	127.4492	0.2382	26.0187	2NPK	1.148
Capitophorus	NPK	150.2649	0.2359	30.3878	2NPK	1.721
Capitophorus	NPK	147.0351	0.2487	31.3388	2NPK	1.517
Capitophorus	NPK	262.7191	0.1066	24.0162		
Capitophorus	NPK	256.1064	0.1474	32.3582		
Capitophorus	NPK	59.3442	0.6264	31.8608		
Capitophorus	NPK	86.2156	0.1511	11.1669		
Capitophorus	2NPK	118.2612	0.2824	28.6213		
Capitophorus	2NPK	75.4528	0.4438	28.7006		
Capitophorus	2NPK	64.9995	0.5938	33.0819		
Capitophorus	2NPK	99.8105	0.1881	16.0881		
Capitophorus	2NPK	157.7216	0.4555	61.5733		
Capitophorus	2NPK	158.5342	0.2310	31.3916		
B. cardui	control	283.2741	0.1235	29.9784		
B. cardui	control	314.7092	0.1153	31.0932		
B. cardui	control	366.4505	0.0942	29.5792		
B. cardui	control	453.5743	0.0818	31.8090		
B. cardui	control	404.9920	0.1054	36.5827		
B. cardui	control	285.7013	0.1180	28.8985		
B. cardui	NPK	118.9344	0.2557	26.0707		
B. cardui	NPK	160.3044	0.1722	23.6637		
B. cardui	NPK	173.2978	0.2654	39.4183		
B. cardui	NPK	73.9207	0.5696	36.0896		
B. cardui	NPK	70.6615	0.4384	26.5548		
B. cardui	NPK	87.0945	0.4817	35.9626		
B. cardui	2NPK	31.6642	1.1407	30.9587		
B. cardui	2NPK	62.7367	0.5173	27.8179		
B. cardui	2NPK	55.9893	0.6198	29.7460		
B. cardui	2NPK	73.8035	0.9254	58.5436		
B. cardui	2NPK	84.9921	0.1346	9.8082		
B. cardui	2NPK	113.4277	0.8806	85.6105		

treatment	mean #		Ants						
	ants/plants	# ants/#leaves	proportion of ant feeding on each disk.						
			control disk	NPK disk	control disk	2NPK disk	NPK disk	2NPK disk	
control	7.00	0.1842							
control	6.00	0.2069	0.50	0.50	0.40	0.60	1.00	0.00	
control	3.33	0.0877	0.42	0.58	0.63	0.38	1.00	0.00	
control	4.33	0.0963	0.25	0.75	0.60	0.40	0.75	0.25	
control	2.67	0.0667	0.00	1.00	0.67	0.33	0.50	0.50	
control	2.33	0.0614	0.00	1.00	0.50	0.50	0.50	0.50	
control	5.00	0.1429	0.25	0.75	0.00	1.00	1.00	0.00	
control	4.33	0.1444	0.00	1.00	0.25	0.75	0.75	0.25	
control	3.33	0.0877	0.33	0.67	0.67	0.33	0.60	0.40	
control	3.00	0.0789			0.33	0.67			
control	2.67	0.0784			0.20	0.80			
control	4.67	0.1458			0.50	0.50			
control	2.00	0.0625			0.33	0.67			
control	1.33	0.0476							
control	4.67	0.1053							
NPK-rich	4.00	0.0690							
NPK-rich	18.00	0.2143							
NPK-rich	4.50	0.0833							
NPK-rich	8.33	0.1773							
NPK-rich	25.67	0.4425							
NPK-rich	14.33	0.2654							
NPK-rich	9.50	0.1397							
NPK-rich	11.67	0.2593							
NPK-rich	3.67	0.0539							
NPK-rich	5.67	0.1181							
2NPK-rich	5.33	0.1333							
2NPK-rich	4.33	0.0774							
2NPK-rich	5.67	0.1049							
2NPK-rich	7.00	0.0547							
2NPK-rich	7.00	0.0686							
2NPK-rich	3.00	0.0484							
2NPK-rich	3.67	0.0539							