

Id	Date	t_{irrigation}/min	V_{irrigation}/L plant⁻¹	Rainfall/mm	V_{rainfall}/L plant⁻¹
1	29/06/2018	0	0	0	0
2	30/06/2018	90	3	0	0
3	01/07/2018	90	3	0	0
4	02/07/2018	90	3	0	0
5	03/07/2018	0	0	0	0
6	04/07/2018	90	3	0	0
7	05/07/2018	90	3	0	0
8	06/07/2018	0	0	0	0
9	07/07/2018	90	3	0	0
10	08/07/2018	90	3	0	0
11	09/07/2018	90	3	0	0
12	10/07/2018	90	3	0	0
13	11/07/2018	90	3	0	0
14	12/07/2018	90	3	0	0
15	13/07/2018	90	3	1.2	0.235619449
16	14/07/2018	90	3	0	0
17	15/07/2018	90	3	0	0
18	16/07/2018	90	3	0	0
19	17/07/2018	90	3	0	0
20	18/07/2018	90	3	0	0
21	19/07/2018	90	3	0	0
22	20/07/2018	75	2.5	0	0
23	21/07/2018	75	2.5	0	0
24	22/07/2018	75	2.5	0	0
25	23/07/2018	75	2.5	0	0
26	24/07/2018	75	2.5	0	0
27	25/07/2018	75	2.5	0	0
28	26/07/2018	75	2.5	0	0
29	27/07/2018	75	2.5	0	0
30	28/07/2018	75	2.5	0	0
31	29/07/2018	75	2.5	0	0
32	30/07/2018	75	2.5	0	0
33	31/07/2018	75	2.5	0	0
34	01/08/2018	75	2.5	0	0
35	02/08/2018	75	2.5	0	0
36	03/08/2018	75	2.5	0	0
37	04/08/2018	75	2.5	0	0
38	05/08/2018	75	2.5	16	3.141592654
39	06/08/2018	75	2.5	0	0
40	07/08/2018	75	2.5	1.6	0.314159265
41	08/08/2018	75	2.5	0.6	0.117809725
42	09/08/2018	75	2.5	0	0
43	10/08/2018	75	2.5	0	0
44	11/08/2018	75	2.5	0	0
45	12/08/2018	75	2.5	0.4	0.078539816
46	13/08/2018	75	2.5	1.1	0.215984495
47	14/08/2018	75	2.5	0	0
48	15/08/2018	75	2.5	0	0
49	16/08/2018	75	2.5	0	0
50	17/08/2018	75	2.5	0.1	0.019634954
51	18/08/2018	75	2.5	0	0
52	19/08/2018	75	2.5	0	0

Id	Date	t_{irrigation}/min	V_{irrigation}/L plant⁻¹	Rainfall/mm	V_{rainfall}/L plant⁻¹
54	21/08/2018	75	2.5	0	0
55	22/08/2018	75	2.5	0	0
56	23/08/2018	75	2.5	0.1	0.019634954
57	24/08/2018	75	2.5	0	0
58	25/08/2018	75	2.5	0	0
59	26/08/2018	75	2.5	0	0
60	27/08/2018	75	2.5	0	0
61	28/08/2018	75	2.5	0.2	0.039269908
62	29/08/2018	75	2.5	0	0
63	30/08/2018	75	2.5	0	0
64	31/08/2018	75	2.5	0	0
65	01/09/2018	75	2.5	0	0
66	02/09/2018	75	2.5	0	0
67	03/09/2018	75	2.5	6.5	1.276272016
68	04/09/2018	75	2.5	0	0
69	05/09/2018	75	2.5	0.6	0.117809725
70	06/09/2018	75	2.5	0	0
71	07/09/2018	0	0	0	0
72	08/09/2018	60	2	0.2	0.039269908
73	09/09/2018	60	2	0.8	0.157079633
74	10/09/2018	60	2	1	0.196349541
75	11/09/2018	60	2	0.6	0.117809725
76	12/09/2018	60	2	0	0
77	13/09/2018	60	2	0	0
78	14/09/2018	0	0	0	0
79	15/09/2018	60	2	11.4	2.238384766
80	16/09/2018	60	2	0.1	0.019634954
81	17/09/2018	60	2	50.7	9.954921721
82	18/09/2018	60	2	7.7	1.511891465
83	19/09/2018	60	2	0.1	0.019634954
84	20/09/2018	60	2	0.1	0.019634954
85	21/09/2018	0	0	0	0
86	22/09/2018	60	2	0	0
87	23/09/2018	60	2	0	0
88	24/09/2018	60	2	0	0
89	25/09/2018	60	2	0	0
90	26/09/2018	60	2	2.4	0.471238898
91	27/09/2018	60	2	0.2	0.039269908
92	28/09/2018	0	0	0.1	0.019634954
93	29/09/2018	60	2	0	0
94	30/09/2018	60	2	0	0
95	01/10/2018	60	2	0	0
96	02/10/2018	60	2	0	0
97	03/10/2018	60	2	0	0
98	04/10/2018	60	2	0	0
99	05/10/2018	0	0	0	0
100	06/10/2018	60	2	0	0
101	07/10/2018	60	2	0	0
102	08/10/2018	60	2	4.3	0.844303026
103	09/10/2018	60	2	1.5	0.294524311
104	10/10/2018	60	2	0	0
105	11/10/2018	60	2	0.1	0.019634954

Id	Date	t_{irrigation}/min	V_{irrigation}/L plant⁻¹	Rainfall/mm	V_{rainfall}/L plant⁻¹
107	13/10/2018	60	2	0	0
108	14/10/2018	60	2	5.2	1.021017612
109	15/10/2018	60	2	0	0
110	16/10/2018	60	2	0	0
111	17/10/2018	60	2	0	0

Id	Date	Sample	Treatment	Visual	w_{B,s}/mg kg⁻¹	w_{C,s}/g kg⁻¹	w_{Ca,s}/g kg⁻¹	w_{Cl,s}/g kg⁻¹	w_{Cu,s}/mg kg⁻¹
1	23/07/2018	Leaf	nd	nd	27.3639682	492.4773567	13.69136437	2.1306914	5.09296327
2	23/07/2018	Leaf	nd	nd	38.08301341	497.6069962	10.4417901	2.434067227	3.808445918
3	23/07/2018	Leaf	nd	nd	34.39772461	496.4273534	11.13226059	2.809055256	4.07970475
4	23/07/2018	Leaf	nd	nd	32.6501001	490.9166315	10.46585731	4.194139966	36.35350223
5	23/07/2018	Leaf	nd	nd	40.41284818	489.366124	14.77394051	4.757829457	37.33067188
6	17/10/2018	Leaf	T1	Non-necrotic	23.30014926	487.7710402	20.71129781	1.501655113	5.463583257
7	17/10/2018	Leaf	T2	Necrotic	15.66717204	478.4492648	25.43632614	6.926118644	3.193484622
8	17/10/2018	Leaf	T2	Non-necrotic	17.97090712	499.0425828	15.92318888	4.087932885	1.484803851
9	17/10/2018	Leaf	T3	Necrotic	17.76304457	456.5647492	20.61655153	9.220822569	2.965283916
10	17/10/2018	Leaf	T3	Non-necrotic	16.17748828	493.1378244	16.42840078	6.936604726	1.495402843
11	17/10/2018	Leaf	T4	Necrotic	23.38319982	498.1441503	24.08531361	11.79359522	24.50805913
12	17/10/2018	Leaf	T4	Non-necrotic	22.61086878	484.9665261	17.15747087	9.230522766	1.60734477
13	17/10/2018	Leaf	T5	Necrotic	19.61590021	494.9847685	20.65280497	14.18893694	5.192504099
14	17/10/2018	Leaf	T5	Non-necrotic	20.63761344	501.2570256	11.79012304	6.674650699	1.887094346

Id	Date	Sample	Treatment	Visual	w_{Fe,s}/mg kg⁻¹	w_{K,s}/g kg⁻¹	w_{Mg,s}/g kg⁻¹	w_{Mn,s}/mg kg⁻¹	w_{N,s}/g kg⁻¹	w_{Na,s}/g kg⁻¹
1	23/07/2018	Leaf	nd	nd	92.07035885	8.682258321	4.299438908	242.2781235	28.09955818	0.030222326
2	23/07/2018	Leaf	nd	nd	105.2530705	10.72695034	4.172367956	202.1261517	23.96467934	0.035971491
3	23/07/2018	Leaf	nd	nd	113.6378476	10.02800628	3.734237149	277.8979764	22.26683836	0.044098216
4	23/07/2018	Leaf	nd	nd	113.9949718	9.502625597	3.925521508	324.4784485	23.19551012	0.050595788
5	23/07/2018	Leaf	nd	nd	116.9482628	9.902367729	4.438125491	315.9603996	23.84862016	0.038785734
6	17/10/2018	Leaf	T1	Non-necrotic	68.19458676	7.811150996	4.997811564	105.0650819	22.64359281	0.02694088
7	17/10/2018	Leaf	T2	Necrotic	92.70350721	6.988854387	8.697525181	378.9639771	18.38342733	0.026012507
8	17/10/2018	Leaf	T2	Non-necrotic	63.30955065	7.758697614	6.122090935	96.47931973	21.85764698	0.018727491
9	17/10/2018	Leaf	T3	Necrotic	94.49092123	7.62642883	6.56978983	378.9433534	10.67209699	0.051317616
10	17/10/2018	Leaf	T3	Non-necrotic	71.23882738	7.923471501	5.834582041	154.1471681	19.48953435	0.029107296
11	17/10/2018	Leaf	T4	Necrotic	100.1131711	6.243775981	7.272331884	326.1162538	17.82564048	0.09106794
12	17/10/2018	Leaf	T4	Non-necrotic	56.45878167	10.66497861	4.61498181	67.88848936	20.18507589	0.051815992
13	17/10/2018	Leaf	T5	Necrotic	80.90282848	8.438934169	5.537130344	151.3428633	19.53208796	0.093003133
14	17/10/2018	Leaf	T5	Non-necrotic	44.277427	9.640095375	3.034888434	68.64992954	20.03720513	0.042932703

Id	Date	Sample	Treatment	Visual	w_{P,s}/g kg⁻¹	w_{Si,s}/g kg⁻¹	w_{S,s}/g kg⁻¹	w_{Zn,s}/mg kg⁻¹
1	23/07/2018	Leaf	nd	nd	1.649286397	228.3154833	2.487032551	26.23130564
2	23/07/2018	Leaf	nd	nd	1.561627731	361.6693123	1.979902351	26.1438415
3	23/07/2018	Leaf	nd	nd	1.577636805	364.7834036	2.039453057	28.71303201
4	23/07/2018	Leaf	nd	nd	1.605781771	340.5405143	1.743683954	21.60127359
5	23/07/2018	Leaf	nd	nd	1.494415351	325.6905467	2.105523315	24.55176284
6	17/10/2018	Leaf	T1	Non-necrotic	1.494525959	290.1336426	2.892744214	22.36952482
7	17/10/2018	Leaf	T2	Necrotic	0.912233925	332.8558789	1.60046814	17.57871785
8	17/10/2018	Leaf	T2	Non-necrotic	0.90691443	308.9666156	1.834890329	16.35733848
9	17/10/2018	Leaf	T3	Necrotic	1.188649531	335.262146	1.671589012	22.91474797
10	17/10/2018	Leaf	T3	Non-necrotic	1.121046592	374.4913521	2.030611777	21.57861653
11	17/10/2018	Leaf	T4	Necrotic	1.095427844	344.1899326	1.53697814	16.83997964
12	17/10/2018	Leaf	T4	Non-necrotic	1.304172089	345.4941642	2.007634097	25.07180449
13	17/10/2018	Leaf	T5	Necrotic	0.918489526	349.8860034	1.711243584	15.28048993
14	17/10/2018	Leaf	T5	Non-necrotic	1.020268149	270.3071236	1.581292807	18.05351027

Id	Date	Meas. Cod.	Treatment	Repetition	ø 7 cm over the ground/mm	ø below the graft/mm	ø over the graft/mm	height/cm
1	07/08/2018	T2-1	T2	1	11.85	11.93	11.17	70
2	07/08/2018	T2-2	T2	2	11.72	10.71	13.58	82
3	07/08/2018	T2-3	T2	3	13.31	12.06	16.45	85
4	07/08/2018	T2-4	T2	4	15.1	13.63	13.76	115
5	07/08/2018	T2-5	T2	5	15.23	14.68	15.92	100
6	07/08/2018	T3-1	T3	1	11.68	9.61	11.65	78
7	07/08/2018	T3-2	T3	2	12.88	10.96	15.92	76
8	07/08/2018	T3-3	T3	3	14.26	11.97	14.14	98
9	07/08/2018	T3-4	T3	4	14.24	13.67	20.73	85
10	07/08/2018	T3-5	T3	5	12.06	10.43	12.31	99
11	07/08/2018	T4-1	T4	1	14.07	12.96	17.92	102
12	07/08/2018	T4-2	T4	2	10.53	8.62	13.4	91
13	07/08/2018	T4-3	T4	3	13.87	11.63	16.29	77
14	07/08/2018	T4-4	T4	4	16.15	13.84	14.31	109
15	07/08/2018	T4-5	T4	5	13.01	12.1	15.46	115
16	07/08/2018	T5-1	T5	1	13.11	10.79	12.36	81
17	07/08/2018	T5-2	T5	2	12.01	11.06	13.42	109
18	07/08/2018	T5-3	T5	3	14.57	11.89	14.02	127
19	07/08/2018	T5-4	T5	4	13.44	11.74	13.77	97
20	07/08/2018	T5-5	T5	5	11.62	9.97	12.88	75
21	03/12/2018	T2-1	T2	1	21.52	19.98	18.46	73
22	03/12/2018	T2-2	T2	2	21.13	19.06	23.23	100
23	03/12/2018	T2-3	T2	3	21.63	18.41	22.69	106
24	03/12/2018	T2-4	T2	4	23.54	21.89	21.86	133
25	03/12/2018	T2-5	T2	5	25.11	21.53	21.01	113
26	03/12/2018	T3-1	T3	1	16.84	13.91	17.01	88
27	03/12/2018	T3-2	T3	2	21.51	18.03	25.62	88
28	03/12/2018	T3-3	T3	3	23.66	19.88	23.42	120
29	03/12/2018	T3-4	T3	4	21.95	20.94	31.87	94
30	03/12/2018	T3-5	T3	5	21.65	17.58	20.67	117
31	03/12/2018	T4-1	T4	1	20.47	18.49	23.02	116

Id	Date	Meas. Cod.	Treatment	Repetition	ø 7 cm over the ground/mm	ø below the graft/mm	ø over the graft/mm	height/cm
33	03/12/2018	T4-3	T4	3	20	17.01	23.75	99
34	03/12/2018	T4-4	T4	4	24.02	20.98	20.24	125
35	03/12/2018	T4-5	T4	5	21.3	18.13	21.98	131
36	03/12/2018	T5-1	T5	1	18.39	15.26	17.01	95
37	03/12/2018	T5-2	T5	2	20.49	17.95	20.61	132
38	03/12/2018	T5-3	T5	3	20.25	16.68	19.67	161
39	03/12/2018	T5-4	T5	4	21.27	17.01	21.81	106
40	03/12/2018	T5-5	T5	5	15.41	13.19	16.92	88