

ID	Site	Nutrients	Soil	Treatment T1	Treatment T2	July/09/09	leaves 0709	Crown width 0709	Height T1 0709	Observations
6	50	+N	D			I 19				missing
13	50	+N	U / D	Normal	Episodic flooding	I 14	33	56.6	140	3 stems
18	50	+N	BC / U	Normal	Episodic flooding	I 16	5	32.3	98	1
29	50	+N	BC / D	Half	Submerged	K 16				dead
31	50	+N	BC / D	Normal	Episodic flooding	K 31	28	87.4	238	2 stems
68	50	+N	BC	Half	Submerged	K 37	22	82.5	274	
69	50	+N	U	Normal	Episodic flooding	H 14	14	31.1	125	
75	50	+N	U			J 42				missing
111	60	+N	BC / D	Episodic floc	Normal	I 11	36	42.6	156	4 stems
120	60	+N	D	Submerged	Half	J 36	23	64.7	119	2 stems
122	60	+N	D	Normal	Episodic flooding	I 28	16	60.7	147	
124	60	+N	U	Half	Submerged	J 40	19	46.2	133	3 stems
135	60	+N	BC			K 07				
140	60	+N	BC / U	Episodic floc	Normal	K 09	16	36.2	108	
142	60	+N	BC / U	Submerged	Half	I 31	21	61.9	185	2 stems
150	60	+N	U / D	Half	Submerged	I 01				dead
159	192	+N	BC	Episodic floc	Normal	I 22	48	65.8	180	6 stems
179	192	+N	U / D			J 10				missing
180	192	+N	BC / D	Submerged	Half	H 12	21	46.6	153	
190	192	+N	U	Submerged	Half	I 15	14	51.8	115	
198	192	+N	D	Half	Submerged	H 02	27	86.8	162	4 stems
204	192	+N	D	Half	Submerged	H 08				dead
270	SRCA	+N	U / D	Episodic floc	Normal	K 29	20	44.6	162	
272	SRCA	+N	U / D	Submerged	Half	H 24	10	25.7	68	
276	SRCA	+N	U	Episodic floc	Normal	I 43	14	38.1	78	
280	SRCA	+N	U	Episodic floc	Normal	J 32	10	21.4	53	
288	SRCA	+N	BC	Normal	Episodic flooding	K 12	25	92.4	184	2 stems
292	SRCA	+N	BC / D	Normal	Episodic flooding	K 23	39	73.4	175	6 stems
294	SRCA	+N	BC / D			H 09				missing
305	SRCA	+N	D	Episodic floc	Normal	J 22				dead
313	SRCA	+N	BC / U	Half	Submerged	H 07	5	25.9	27	
1	50	+N +P	D	Half	Submerged	K 32	26	69.4	177	2 stems
10	50	+N +P	U / D	Submerged	Half	J 01	15	63.9	149	
20	50	+N +P	BC / U	Half	Submerged	K 01	43	75.2	277	5 stems
21	50	+N +P	BC / D	Normal	Episodic flooding	I 44	76	93.8	204	5 stems
66	50	+N +P	BC	Episodic floc	Normal	J 28	20	57.5	225	

ID	Site	Nutrients	Soil	Treatment T1	Treatment T2	July/09/09	leaves 0709	Crown width 0709	Height T1 0709	Observations
74	50	+N +P	U	Half	Submerged	I 33	14	19.5	78	
77	50	+N +P	U	Normal	Episodic flooding	H 34	11	30.7	67	
108	60	+N +P	BC / D	Episodic floc	Normal	I 32	32	76.3	125	3 stems
110	60	+N +P	BC / D	Episodic floc	Normal	K 21	19	45.2	137	
118	60	+N +P	D	Submerged	Half	H 33	9	25.9	69	
128	60	+N +P	U	Episodic floc	Normal	J 24	25	48.7	104	4 stems
132	60	+N +P	BC	Normal	Episodic flooding	I 03	16	70.7	143	
133	60	+N +P	BC	Half	Submerged	I 09	-	-	-	Dead
144	60	+N +P	BC / U	Episodic floc	Normal	I 45	16	44.2	109	2 stems
146	60	+N +P	BC / U	Episodic floc	Normal	I 48	18	63.8	124	
149	60	+N +P	U / D	Half	Submerged	H 30	20	62.0	135	
158	192	+N +P	BC	Normal	Episodic flooding	H 13	48	62.9	177	7 stems
167	192	+N +P	BC / U	Normal	Episodic flooding	H 20	10	59.3	155	
173	192	+N +P	U / D	Episodic floc	Normal	I 25	12	55.8	132	
186	192	+N +P	BC / D	Half	Submerged	H 22	5	8.5	7 - near out	re-sprouting
196	192	+N +P	U	Submerged	Half	I 30	8	36.7	54	
203	192	+N +P	D	Episodic floc	Normal	H 05	19	55.5	122	3 stems
266	SRCA	+N +P	U / D			J 30	-	-	-	missing
274	SRCA	+N +P	U / D			I 20	-	-	-	missing
275	SRCA	+N +P	U			J 37	-	-	-	missing
286	SRCA	+N +P	BC	Submerged	Half	J 11	28	78.2	247	3 stems
291	SRCA	+N +P	BC / D	Submerged	Half	K 20	27	55.9	175	4 stems
302	SRCA	+N +P	D	Normal	Episodic flooding	K 11	23	53.4	117	4 stems
311	SRCA	+N +P	BC / U	Submerged	Half	I 23	19	39.9	206	
15	50	+N +P +m	U / D	Half	Submerged	K 27	31	37.6	140	3 stems
19	50	+N +P +m	BC / U	Episodic floc	Normal	I 47	14	44.3	167	
23	50	+N +P +m	BC / U	Normal	Episodic flooding	K 26	28	34.8	293	
26	50	+N +P +m	BC / D	Episodic floc	Normal	K 42	34	59.5	293	4 stems (2 big)
28	50	+N +P +m	BC / D	Normal	Episodic flooding	J 33	29	70.2	215	
62	50	+N +P +m	BC	Half	Submerged	H 21	31	93.9	275	3 stems
64	50	+N +P +m	BC	Normal	Episodic flooding	K 03	21	94.7	140	
70	50	+N +P +m	U	Submerged	Half	K 04	13	54.2	12	
76	50	+N +P +m	U	Half	Submerged	K 28	-	-	-	dead
114	60	+N +P +m	BC / D	Half	Submerged	I 21	20	23.9	170	
115	60	+N +P +m	BC / D	Submerged	Half	H 04	19	45.9	135	
121	60	+N +P +m	D	Normal	Episodic flooding	K 17	16	44.4	105	

ID	Site	Nutrients	Soil	Treatment T	Treatment T2	July/09/09	leaves 0709	Crown width 0709	Height T1 0709	Observations
129	60	+N +P +r	U	Episodic floc	Normal	J 39	15	18.6	80	
130	60	+N +P +r	U	Episodic floc	Normal	H 39	12	28.8	100	
147	60	+N +P +r	BC / U	Normal	Episodic flooding	H 41	34	49.8	150	4 stems
153	60	+N +P +r	U / D	Episodic floc	Normal	H 15	dead	-	75	almost dead, stems of the tree
157	192	+N +P +r	BC	Episodic floc	Normal	H 18	25	61.1	180	
164	192	+N +P +r	BC / U	Submerged	Half	I 41	29	39.7	243	3 stems
177	192	+N +P +r	U / D	Submerged	Half	I 02	17	43.6	130	
183	192	+N +P +r	BC / D	Submerged	Half	J 18	21	71.5	200	
192	192	+N +P +r	U	Half	Submerged	I 36	-	-	-	dead
201	192	+N +P +r	D	Half	Submerged	J 16	26	52.8	162	2 stems
202	192	+N +P +r	D	Submerged	Half	J 13	45	55.1	178	5 stems
268	SRCA	+N +P +r	U / D			K 19	-	-	-	missing
273	SRCA	+N +P +r	U / D			J 09	-	-	-	missing
279	SRCA	+N +P +r	U	Normal	Episodic flooding	J 19	-	-	-	dead
287	SRCA	+N +P +r	BC	Submerged	Half	H 01	40	42.0	254	4 stems
290	SRCA	+N +P +r	BC / D	Episodic floc	Normal	J 03	23	50.6	257	2 stems
304	SRCA	+N +P +r	D			I 35	-	-	-	missing
306	SRCA	+N +P +r	BC / U	Episodic floc	Normal	H 27	24	39.5	160	
5	50	+P	D	Half	Submerged	H 43	23	51.4	243	
12	50	+P	U / D			K 40	-	-	-	Missing
14	50	+P	U / D	Half	Submerged	J 34	-	-	-	Dead
24	50	+P	BC / U	Episodic floc	Normal	H 37	-	-	-	Dead
25	50	+P	BC / D	Normal	Episodic flooding	I 27	15	42.6	173	
67	50	+P	BC	Normal	Episodic flooding	J 29	50	74.7	192	5 stems
71	50	+P	U	Submerged	Half	K 30	12	20.6	84	
113	60	+P	BC / D	Submerged	Half	K 14	27	73.0	210	4 stems
116	60	+P	D	Episodic floc	Normal	K 33	13	49.8	51	
119	60	+P	D	Submerged	Half	I 37	21	38.4	96	2 stems
127	60	+P	U			I 17	-	-	-	missing
138	60	+P	BC	Half	Submerged	I 26	12	47	106	
143	60	+P	BC / U	Half	Submerged	H 23	5	37.4	154	almost dead
151	60	+P	U / D	Normal	Episodic flooding	J 25	0	0	150	almost dead
154	60	+P	U / D			I 07	-	-	-	missing
160	192	+P	BC	Episodic floc	Normal	K 36	24	43.0	136	3 stems
169	192	+P	BC / U	Submerged	Half	I 39	19	50.5	228	
176	192	+P	U / D	Episodic floc	Normal	K 02	14	34.8	84	

ID	Site	Nutrients	Soil	Treatment T	Treatment T2	July/09/09	leaves 0709	Crown width 0709	Height T1 0709	Observations
182	192	+P	BC / D	Half	Submerged	J 14	-	-	-	Dead
191	192	+P	U	Episodic floc	Normal	J 27	17	42	126	
193	192	+P	U	Half	Submerged	K 22	-	-	-	Dead
199	192	+P	D	Half	Submerged	J 20	-	-	-	Dead
271	SRCA	+P	U / D	Submerged	Half	H 44	27	57.2	131	3 stems
278	SRCA	+P	U	Normal	Episodic flooding	I 34	18	33.5	122	
284	SRCA	+P	BC	Submerged	Half	K 34	21	85.3	261	
293	SRCA	+P	BC / D	Episodic floc	Normal	J 07	24	88.0	187	2 stems
298	SRCA	+P	D			I 05	15	67.4	132	
303	SRCA	+P	D	Normal	Episodic flooding	K 05	37	66.7	172	5 stems
307	SRCA	+P	BC / U	Normal	Episodic flooding	I 24	35	60.7	200	3 stems
2	50	Control	D			I 29	-	-	-	Missing
8	50	Control	D	Submerged	Half	J 41	32	46.1	184	4 stems
9	50	Control	U / D	Normal	Episodic flooding	I 46	41	53.3	181	4 stems
16	50	Control	BC / U	Normal	Episodic flooding	H 28	20	50.1	22.8	
30	50	Control	BC / D	Half	Submerged	K 24	29	81.0	187	2 stems
65	50	Control	BC	Half	Submerged	K 10	-	-	-	dead
72	50	Control	U	Submerged	Half	K 08	10	41.1	91	
109	60	Control	BC / D	Normal	Episodic flooding	H 10	40	98.5	192	4 stems
123	60	Control	D	Half	Submerged	I 06	-	-	-	dead
125	60	Control	U	Episodic floc	Normal	I 10	14	35.2	117	
126	60	Control	U	Normal	Episodic flooding	J 15	15	53.0	86	
136	60	Control	BC	Submerged	Half	J 23	18	33.3	193	
145	60	Control	BC / U	Half	Submerged	I 38	25	33.3	163	2 stems
152	60	Control	U / D			H 19	-	-	-	missing
161	192	Control	BC	Episodic floc	Normal	K 41	24	52.7	114	3 stems
162	192	Control	BC	Normal	Episodic flooding	I 18	90	39.4	146	
168	192	Control	BC / U	Episodic floc	Normal	H 29	23	44.4	257	
174	192	Control	U / D	Submerged	Half	J 08	17	41.5	178	
178	192	Control	U / D			J 26	-	-	-	Missing
184	192	Control	BC / D	Submerged	Half	H 03	-	-	-	dead
187	192	Control	BC / D	Episodic floc	Normal	K 35	-	-	-	missing
195	192	Control	U			J 21	-	-	-	missing
197	192	Control	U			I 08	-	-	-	missing
205	192	Control	D	Episodic floc	Normal	H 32	-	-	-	dead
267	SRCA	Control	U / D	Episodic floc	Normal	H 25	20	28.9	120	2 stems

ID	Site	Nutrients	Soil	Treatment T1	Treatment T2	July/09/09	leaves 0709	Crown width 0709	Height T1 0709	Observations
277	SRCA	Control	U	Half	Submerged	J 05	41	94.9	20	5 stems
285	SRCA	Control	BC	Submerged	Half	H 31	24	34.6	236	
295	SRCA	Control	BC / D	Episodic floc	Normal	J 12	32	68.3	198	3 stems
297	SRCA	Control	BC / D	Half	Submerged	H 48	-	-	-	dead
300	SRCA	Control	D			I 12	-	-	-	missing
310	SRCA	Control	BC / U	Submerged	Half	J 35	39	21.0	192	4 stems
3	50	micro	D	Normal	Episodic flooding	H 11	14	37.9	132	
7	50	micro	D	Submerged	Half	J 31	17	55.2	150	
11	50	micro	U / D	Episodic floc	Normal	H 36	31	59.5	106	5 stems
27	50	micro	BC / D	Submerged	Half	J 38	17	72.7	226	
63	50	micro	BC	Normal	Episodic flooding	H 42	84	50.9	204	
73	50	micro	U	Half	Submerged	J 02	17	32.1	81	
112	60	micro	BC / D	Episodic floc	Normal	K 38	-	-	-	Dead
117	60	micro	D	Half	Submerged	H 16	7	21.7	79	
131	60	micro	U			I 04	-	-	-	missing
139	60	micro	BC	Submerged	Half	H 06	49	71.4	171	3 stems
141	60	micro	BC / U	Normal	Episodic flooding	K 06	24	73.3	223	
148	60	micro	U / D	Normal	Episodic flooding	H 35	-	-	-	Dead
155	60	micro	U / D			I 40	-	-	-	missing
163	192	micro	BC	Half	Submerged	H 45	24	63.6	# 311	
171	192	micro	BC / U	Episodic floc	Normal	J 06	23	48.5	240	
172	192	micro	U / D	Half	Submerged	J 17	22	68.9	147	
175	192	micro	U / D			H 26	-	-	-	missing
181	192	micro	BC / D	Half	Submerged	H 40	-	-	-	Dead
185	192	micro	BC / D	Half	Submerged	H 17	20	46	181	2 stems
194	192	micro	U			K 25	-	-	-	missing
200	192	micro	D	Episodic floc	Normal	K 13	31	57.9	161	3 stems
269	SRCA	micro	U / D	Submerged	Half	I 13	27	74.2	149	3 stems
281	SRCA	micro	U	Episodic floc	Normal	K 15	11	13.4	45	
282	SRCA	micro	U	Normal	Episodic flooding	K 39	15	34.7	127	
283	SRCA	micro	BC	Episodic floc	Normal	J 04	22	84.8	281	
289	SRCA	micro	BC	Episodic floc	Normal	H 38	24	50.7	254	
296	SRCA	micro	BC / D	Normal	Episodic flooding	H 46	38	74.6	242	3 stems
301	SRCA	micro	D	Normal	Episodic flooding	I 42	24	35.1	191	2 stems
309	SRCA	micro	BC / U	Half	Submerged	K 18	-	-	-	Dead
312	SRCA	micro	BC / U	Submerged	Half	H 47	21	51.8	206	