

Final cutting data

10/2/09
9/30/2009

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Nutrients	Treatment T4	Plant ID	stem dia	larg br	# leaves	# branches	branch length
+N	Episodic flooding ✓	2	10.9	9.6	129	3	8.2, 300, 1040
+N	Episodic flooding ✓	3	13.4	6.2	220	5	130, 260, 320, 530, 575
+N	Normal ✓	10	9.6	8.0	145	1	1020
+N	Normal ✓	17	15.0	8.4	128	2	570, 880
+N	Episodic flooding ✓	23	16.5	8.0	160	2	740, 675
+N	Normal ✓	25	13.9	8.1	93	1	900
+N	Episodic flooding ✓	36	11.1	7.3	88	1	430, 990
+N	Submerged ✓	47	14.7	7.3	132	3	300, 705, 800
+N	Episodic flooding ✓	51	12.3	9.0	179	3	120, 179, 473
+N	Half ✓	55	12.4	9.8	65	2	1090, 1302
+N	Episodic flooding	61	12.1	11.2	85	2	705, 980
+N	Submerged	70	12.0	6.9	51	1	730
+N	Half	78	12.5	9.2	209	2	122, 824
+N	Half	79	14.0	7.8	107	2	522, 828
+N	Half	89	14.0	8.0	176	5	132, 49.6, 192, 395, 945
+N	Submerged	91	10.5	8.7	184	2	381, 1029
+N	Submerged	100	12.5	7.4	118	4	210, 820, 320, 499
+N	Half	105	11.4	7.1	106	4	40.8, 355, 485, 190
+N	Submerged	110	13.0	8.0	116	5	480, 320, 340, 345, 830
+N	Half	120	10.9	7.8	107	1	880
+N	Submerged	121	11.5	7.6	95	3	370, 370, 1390
+N	Normal	130	13.4	5.4	241	9	249, 190, 260, 329, 670, 693, 385, 48.9
+N	Half	138	9.9	4.9	99	3	213, 535, 519
+N	Normal	144	9.3	4.4	69	1	510
+N	Normal	151	10.0	6.4	97	2	500, 630
+N	Half	152					
+N	Half	154	12.1	7.1	179	3	190, 330, 878
+N	Episodic flooding	155	11.6	10.2	165	4	46.2, 596, 505, 232
+N	Episodic flooding	164	9.5	5.3	76	4	110, 60, 410, 455

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Nutrients	Treatment T4	Plant ID	stem dia	larg brar	# leaves	# branches	branch length
+N +P	Episodic flooding	8	13.2	8.0	105	3 -	36.0, 900, 1235
+N +P	Episodic flooding	16	16.6	11.5	295	3 -	56.5, 560, 708
+N +P	Normal	24	12.1	7.6	144	2 -	61.0, 783
+N +P	Episodic flooding	30	13.3	5.4	91	4 -	43.8, 499, 235, 640
+N +P	Normal	31	11.0	8.3	123	4 -	64.0, 140, 269, 432
+N +P	Episodic flooding	41	12.4	6.8	161	4 -	22.3, 75.3, 254, 459
+N +P	Half	44	10.9	7.3	133	4 -	180, 230, 565, 722
+N +P	Normal	52	10.7	7.7	165	6 -	105, 127, 603, 280, 372, 973
+N +P	Submerged	60	12.5	9.9	86	3 -	13.4, 14.7, 1117
+N +P	Normal	62	13.7	9.3	84	1 -	635
+N +P	Half	67	5.2	4.7	75	4 -	200, 82, 180, 485
+N +P	Submerged	74	12.3	6.5	81	3 -	56.2, 600, 547
+N +P	Normal	83	10.3	11.1	135	3 -	220, 650, 850
+N +P	Submerged	86	17.1	8.7	162	6 -	120, 60, 475, 55, 790, 490
+N +P	Half	95					
+N +P	Half	99	10.8	7.2	156	5 -	645, 180, 110, 137, 580
+N +P	Submerged	103	13.3	6.3	111	3 -	535, 492, 662
+N +P	Half	114	8.9	7.3	87	4 -	379, 223, 188, 1043
+N +P	Submerged	119	10.9	7.9	113	2 -	277, 650
+N +P	Half	123	13.2	7.6	112	2 -	138, 276, 343, 984
+N +P	Episodic flooding	127	11.4	6.4	133	3 -	290, 689, 565
+N +P	Submerged	133	11.2	6.6	138	5 -	26.1, 9.1, 112.5, 330, 690
+N +P	Episodic flooding	139	10.9	6.4	112	3 -	250, 150, 660
+N +P	Half	146	12.0	5.6	94	5 -	56, 350, 150, 500, 300
+N +P	Half	150	10.3	6.7	138	2 -	150, 910
+N +P	Half	159	12.0	8.3	95	2 -	196, 811
+N +P	Submerged	168	11.1	8.2	107	2 -	592, 367
+N +P	Normal	175	11.2	6.2	166	3 -	615, 308, 713
+N +P	Half	178	10.9	8.3	69	3 -	178, 910, 365,

Nutrients	Treatment T4	Plant ID	stem dia	larg brar	# leaves	# branches	branch length
+N +P +micro	Submerged	11	9.7	6.3	142	4	128.6, 470, 350, 620
+N +P +micro	Episodic flooding	13	15.1	8.8	120	3	250, 829, 935
+N +P +micro	Submerged	20	11.7	7.2	162	2	468, 600
+N +P +micro	Normal	29	10.8	9.2	58	1	1019
+N +P +micro	Submerged	35	9.5	8.2	86	4	150, 160, 178, 863
+N +P +micro	Normal	38	13.2	6.4	101	5	38.6, 380, 280, 222, 557
+N +P +micro	Normal	45	14.0	7.5	170	5	86.7, 84.4, 370, 520, 1000
+N +P +micro	Normal	49	11.3	7.5	112	4	160, 473, 464, 1150
+N +P +micro	Normal	56	11.5	10.5	74	2	114.9, 1140
+N +P +micro	Submerged	64	9.8	8.2	157	2	310, 930
+N +P +micro	Normal	69	11.4	5.3	135	7	250, 390, 130, 250, 340, 350, 506
+N +P +micro	Episodic flooding	73	12.2	6.7	114	3	690, 805, 750
+N +P +micro	Half	81	12.0	8.3	127	2	25.7, 1150
+N +P +micro	Half	90	13.4	11.8	196	4	160, 490, 440, 565
+N +P +micro	Episodic flooding	94	12.0	8.0	114	5	640, 170, 230, 229, 690
+N +P +micro	Episodic flooding	102	12.9	6.9	81	2	460, 850
+N +P +micro	Episodic flooding	107	11.1	6.8	65	1	660
+N +P +micro	Half	113	11.0	9.7	118	4	36.9, 447, 390, 785
+N +P +micro	Episodic flooding	118	14.5	11.8	119	4	142.7, 91.6, 41.1, 856
+N +P +micro	Submerged	126	15.4	8.6	76	6	45.7, 141, 157.7, 380, 358, 640
+N +P +micro	Half	128					
+N +P +micro	Half	136	12.0	7.3	76	3	59.9, 9, 960
+N +P +micro	Half	141	9.9	6.6	119	4	107.9, 96.3, 196, 723
+N +P +micro	Half	145	12.4	6.9	327	2	520, 896
+N +P +micro	Submerged	163	12.8	10.5	76	2	160, 1193
+N +P +micro	Half	165	10.6	6.7	101	2	550, 1223
+N +P +micro	Submerged	166	16.2	9.5	91	1	1340
+N +P +micro	Half	180	12.9	7.6	51	1	960

Nutrients	Treatment T4	Plant ID	stem dia	larg brar	# leaves	# branches	branch length
+P	Half	1					
+P	Half	6	9.0	8.2	87	2	170, 1230
+P	Submerged	9	9.3	8.3	117	3	299, 515, 839
+P	Submerged	18	15.3	7.6	160	4	168, 598, 367, 926
+P	Half	22	10.9	8.0	114	1	1032
+P	Half	32	8.2	6.0	59	4	163, 440, 698, 361
+P	Half	34	11.3	10.2	80	2	366, 716
+P	Submerged	40	11.3	5.1	71	3	196, 664, 730
+P	Episodic flooding	48	14.0	7.2	116	3	243, 820, 880
+P	Half	54	10.8	7.9	154	4	260, 143, 710, 910
+P	Normal	59	9.8	7.3	79	3	406, 537, 1065
+P	Half	65	10.5	6.6	79	2	804, 720
+P	Episodic flooding	72	13.5	7.8	86	5	115, 717, 834, 643, 886
+P	Normal	77	12.0	6.7	116	3	154, 686, 943
+P	Half	82	12.0	7.9	109	2	627, 970
+P	Normal	88	13.1	7.5	126	3	112.9, 530, 735
+P	Episodic flooding	96	12.9	6.2	199	4	365, 160, 520, 610
+P	Episodic flooding	101	12.9	8.7	106	3	710, 160, 570
+P	Normal	106	14.4	9.0	189	3	48.6, 132, 925
+P	Episodic flooding	111	11.5	7.8	141	4	41, 805, 4.6, 5.6
+P	Normal	117	11.1	7.5	92	5	26.7, 29.5, 72.2, 315, 783
+P	Half	125	14.6	6.5	171	3	335, 740, 965
+P	Submerged	129	14.8	7.1	93	2	385, 1140
+P	Normal	134	12.8	6.9	104	3	43.8, 500, 870
+P	Submerged	143	9.9	5.9	115	4	510, 710, 210, 350
+P	Half	148	12.4	8.0	195	2	430, 930
+P	Half	156	11.0	7.9	118	3	246, 466, 432
+P	Submerged	162	12.2	7.6	62	2	460, 470
+P	Half	174	11.9	6.9	70	2	530, 580

Final Cutting data

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Nutrients	Treatment T4	Plant ID	stem dia	larg brar	# leaves	# branches	branch length
control	Submerged	4	14.1	9.8	76	2	220, 1064
control	Half	12	10.0	7.6	137	3	155, 580, 1049
control	Half	15					
control	Submerged	21	11.2	7.8	318	3	160, 460, 410
control	Half	26	13.9	8.8	103	2	206, 960
control	Submerged	33	10.9	8.0	50	2	200, 820
control	Half	39	12.0	8.4	159	3	34.6, 135, 452
control	Normal	43	11.5	8.5	112	4	9.1, 180, 550, 930
control	Submerged	50	11.1	9.7	219	2	300, 890
control	Episodic flooding	57	11.0	7.5	218	5	22.1, 10.6, 330, 890, 910
control	Submerged	66	13.6	7.4	83	2	480, 540
control	Normal	68	10.4	6.3	127	2	66.2, 43.0, 93.0, 12.9, 296, 260, 435, 695
control	Episodic flooding	75	11.6	6.8	133	6	53.0, 730, 705, 710, 230, 116
control	Submerged	84	11.8	6.4	207	5	29.6, 586, 427, 225, 861
control	Episodic flooding	87	11.3	6.7	126	6	48.7, 290, 172, 285, 490, 680
control	Normal	93	14.6	14.0	151	3	90, 540, 895
control	Normal	97	8.7	6.3	104	1	69.8
control	Episodic flooding	104	11.2	9.2	54	2	600, 230
control	Normal	109	7.3	7.0	146	4	684, 470, 124, 417
control	Episodic flooding	116	9.7	7.7	65	1	84
control	Normal	124	10.1	8.6	278	4	52.3, 18.1, 160, 1060
control	Half	132	10.8	5.8	181	5	19.2, 67.7, 470, 646, 690
control	Episodic flooding	135	9.1	5.7	83	2	450, 680
control	Half	140	12.2	6.5	42	3	32.8, 55.2, 630
control	Half	147	15.1	6.3	276	3	403, 530, 573

Nutrients	Treatment T4	Plant ID	stem dia	larg brar	# leaves	# branches	branch length
micro	Normal	5	12.7	7.1	81	2	725, 940
micro	Normal	7	10.4	6.9	154	4	335, 390, 260, 947
micro	Normal	14	16.9	9.6	161	5	102.8, 180, 537, 565, 960
micro	Normal	19	13.1	8.5	130	1	1100
micro	Half	27	12.4	6.1	86	3	510, 537, 723
micro	Half	37	14.5	6.0	110	2	729, 756
micro	Half	42	12.2	6.6	112	5	195, 287, 180, 570, 870
micro	Half	46	14.1	7.3	87	2	790, 880
micro	Submerged	53	15.0	8.8	155	6	200, 520, 160, 110, 690, 895
micro	Half	58	13.6	7.2	116	3	68.9, 870, 890
micro	Normal	63	15.5	7.4	122	2	520, 745
micro	Submerged	71	11.3	6.2	88	3	600, 640, 530
micro	Submerged	76	12.0	8.0	127	4	180, 550, 510, 845
micro	Episodic flooding	80	13.5	9.6	121	1	1128
micro	Half	85	14.8	10.1	130	2	162, 1040
micro	Submerged	92	12.0	6.9	122	3	540, 650, 730
micro	Submerged	98	11.3	7.5	118	6	58.3, 35.9, 12.7, 24.7, 165, 320, 250, 960
micro	Half	108	12.4	5.4	39	1	472
micro	Episodic flooding	112	11.2	6.0	172	5	179, 670, 584, 609, 663
micro	Submerged	115	12.2	10.6	141	2	243, 880
micro	Episodic flooding	122	12.6	8.3	79	1	115.1
micro	Episodic flooding	137	9.3	5.9	26	1	441
micro	Episodic flooding	149					
micro	Normal	158	12.8	8.9	65	3	161, 49.1, 587
micro	Half	170	10.2	8.2	124	2	266, 600
micro	Half	172	11.6	7.8	96	6	12.5, 33.4, 32.9, 45, 567, 810
micro	Episodic flooding	176	7.9	4.8	77	4	220, 354, 420, 745
micro	Half	179	11.6	6.9	21	3	12.4, 500, 540