

Tree Growth Data Sheet (DBH)

Date: 29/1/20 Plot no: 12

12

Recorders: LH + RE

Treatment:

The diameter at breast height (DBH) of 20 tagged & GPS'd large trees marked with xx coloured tape and 20 trees from each across class sizes (2, 3/4) are to be measured and recorded these trees are also tagged and marked with red tape. The DBH of the tagged trees is measured at the nail holding the tag.
Recorded actual DBH and DBH class.

20 large							dbh(cm)	circ (cm)
Tree	Tree number	Large Tree (Y/N)	Class	DBH	Dead (D) Alive (L)	GPS Marked	10	31
1	61	y	6	54	L	✓	20	63
2	62	y	5	45.5	L	✓	30	94
3	63	y	5	40.1	L	✓	40	126
4	* 64	y	4	36.9	L	✓	50	157
5	65	y	4	39.1	L	✓	60	188
6	66	y	6	51.9	L	✓	70	220
7	67	y	4	35.4	L	✓	80	251
8	68	y	4	34.0	L	✓		
9	69	y	4	34.8	L	✓	class 1	0-10 cm
10	70	y	5	42.2	L	✓	class 2	10-20 cm
11	71	y	5	44.2	L	✓	class 3	20-30
12	72	y	5	43.7	L	✓	class 4	30-40
13	73	y	4	38.0	L	✓	class 5	40-50
14	* 74	y	5	40.7	L		class 6	50-60
15	75	y	5	41.0	L	✓	class 7	60-70
16	76	y	5	44.4	L	✓	class 8	70-80
17	77	y	7	68.5	L	✓	* Tree had lots of growths - measured between the 'knobbles'.	
18	78	y	4	36.0	L	✓		
19	79	y	6	50.2	L	✓		
20	* 80	y	4	39.1	L	✓	* Tree 71 was 25cm in 2012 and is now 44cm. Possible typo?	
21	116	N	3	29.8	L	✓		
22	117	N	4	30.7	L	✓		
23	118	N	4	39.5	L	✓	* No. 64 lost tag, has been replaced with tag no. 953	
24	119	N	4	31.7	L	✓		
25	120	N	5	44.5	L	✓		
26	121	N	4	39.1	L	✓	* No. 74 missing tag, replaced with No. 950	
27	122	N	3	20.8	L	✓		
28	123	N	3	23.2	L	✓		
29	124	N	4	36.0	L	✓	* No. 80 missing tag, replaced with No. 946	
30	125	N	4	36.7	L	✓		
31	126	N	4	34.5	L	✓		
32	127	N	4	36.1	L	✓		
33	128	N	4	31.8	L	✓		
34	129	N	3	24.9	L	✓		
35	130	N	3	28.0	L	✓		
36	131	N	3	24.2	L	✓		
37	132	N	3	26.5	L	✓		
38	133	N	4	37.0	L	✓		
39	134	N	4	37.0	L	✓		
40	135	N	4	37.5	L	✓		

Tree hollows data sheet

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Plot No:

Recorder:

Date:

Hollows are measured in the tagged large 20 trees(used to measure DBH) plus 10 additional trees from class 3 marked with blue tape & tagged. Two people must observe the tree from four perpendicular angles (N,S,E,W). Record the number of hollows on each tree within each class size. Hollows must be cross checked with the two observers for presence and class size. Hollows must be 5cm deep to qualify as a hollow

NB: Throwing a golf ball (4cm) in front of the hollow will help give perspective on hollow class

Hollow class 1	5-10 cm
Hollow class 2	11-15 cm
Hollow class 3	>15 cm

Tree	Tree Tag #	Tree Class	Hollow class 1	Hollow class 2	Hollow class 3
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17	(77)	(Hollow limb) too	✓		
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
		TOTAL			

CWD data sheet

Undertake a sweep of the 1 ha plot. One person using a paint spray to mark the the log/stump as counted, the other recording the measure. Only measure logs that are > 10 cm diameter measure the meter length and put into 3 categories: measure the meter length and put into 3 categories: Mobile phone calculator to add the total meters per category

Project Name:							BFR Thinning Trials					
Date:		29/1/20					Recorder:		TC TS			
Plot No:		12					Treatment:					
Log Length (m) <40cm						Stumps	Large Logs (m) > 40cm					
3.1	1.0	14.0	3.5	0.1	2.0		1.0	6.0	2.0	3.0	2.0	5.0
1.5	4.0	2.5	0.1	10.0	6.0		1.0	1.0	10.0	0.5	0.5	
8.0	0.1	1.0	3.0	3.0	1.0		13.0	7.0	9.0	0.5		
9.0	11.0	1.0	7.5	1.0	5.0		1.5	1.0	0.5	1.0	1.0	
3.0	5.0	5.0	0.5	1.0	1.5		1.0	1.0	1.5	1.0	0.5	
3.0	0.5	12.0	2.5	1.0	4.0		7.0	2.0	1.0	5.0		
1.5	1.0	1.0	2.6	4.5	2.0		2.0	0.5	1.0	2.0		
4.0	2.5	1.0	1.0	4.0	1.0		1.0					
3.0	12.0	8.0	4.0	9.0	7.0							
3.0	2.0	7.0	4.0	3.0	7.0							
2.0	1.0	3.0	1.5	1.5	0.5							
27.0	2.0	7.0	3.0	2.0	1.0							
1.5	17.0	3.5	6.0	1.0	4.0							
6.0	1.0	4.0	4.0	0.7	1.0							
3.0	4.0	4.5	1.5	3.0	3.0							
1.0	1.0	1.0	4.0	1.0	2.0							
17.0	3.0	1.0	8.0	0.5	2.0							
3.0	1.0	25.0	4.0	7.0	8.0							
3.0	5.0	1.0	3.0	1.0	1.0							
3.0	1.0	4.0	8.0	2.0	1.0							
5.0	2.5	3.0	3.0	13.0	0.5							
4.0	3.0	1.5	2.5									
Column totals												

Small Log Total =	
Large Log Totals =	
ump Totals x 0.5m	