

May 2013						
Tree ID	Single stem Diameter at 1.5m above ground level	No of stems (2-5)	No of stems 5 +	Root Protection Area (See Note)	Equivalent to a circle with a radius of	Equivalent to a square with sides of
1		210 350 = 408		72	4.8	
2	270			34	3.3	
3	280			34	3.3	
4	180			14	2.1	
5	300			41	3.6	
6	200			18	2.4	
7	250			28	3.0	
8	100			5	1.2	
9	250			28	3.0	
10	250			28	3.0	
11	240			28	3.0	
12	250			28	3.0	
13	230			23	2.7	
14	240			28	3.0	
15	250			28	3.0	
16	260			28	3.0	
17	210			18	2.4	
18	240			28	3.0	
19	110			5	1.2	
20	250			28	3.0	
21	130			7	1.5	
22	240			28	3.0	
23	320			48	3.9	
24	440			92	5.4	
25	360			55	4.2	
26	370			64	4.5	
27	320			48	3.9	

28	280			34	3.2	
29	310			41	3.6	
30	320			48	3.9	
31	250			28	3.0	
32	290			41	3.6	
33	290			41	3.6	
34	210			18	2.4	
35	250			28	3.0	
36	270			34	3.3	
37	280			34	3.3	
38	280			34	3.3	
39	290			41	3.6	
40	230			23	2.7	
41	250			28	3.0	
42	260#			28	3.0	
43	270			34	3.3	
44	250			28	3.0	
45	210			18	2.4	
46	280			34	3.3	
47	240			28	3.0	
47 a	250			28	3.0	
48	290			41	3.6	
49	250			28	3.0	
50	290			41	3.6	
51			10 ave 60 = 189	18	2.4	
52	260			28	3.0	
53	540			137	6.6	
54	120			7	1.5	
55		100 60 = 116		7	1.5	
56	140			10	1.8	
57	440			92	5.4	

58	1250#			707	15	
59	750#			255	9.0	
60	520#			124	6.3	
61	530#			124	6.3	
62	400#			72	4.8	
63	450#			92	5.4	
64	350#			55	4.2	
65	550#			137	6.6	
66	350#			55	4.2	
67	450#			92	5.4	
68	390#			72	4.8	
69		4 stems 250# 260 180 220 = 459		92	5.4	
70		5 stems 280 120 80 70 60 = 328		48	3.9	
71			6 stems ave 80 = 146	10	1.8	
73			8 stems ave 60 = 169	14	2.1	
74			6 stems ave 120	7	1.5	
75			Multi (15) ave 50 = 193	18	2.4	
76	90			5	1.2	
H1	Ave < 150			10	1.8	
H2	Ave < 100			5	1.2	

Note

The calculated RPA should be capped to 707m sq, equivalent to a circle with a radius of 15m or a square with approximately 26m sides

Root Protection Area (RPA) Calculator

arbconsultants