

Supplementary Material to “Assessment of Multiproducts in *Schizolobium Parahyba* var. *Amazonicum* Plantations: Tapering Functions Application in Livestock-Forestry Integration Systems”

Additional file 1. Estimate of multi-products of each diameter class per hectare of paricá plantation in an integrated livestock-forest system.

Dc	Cc (cm)	Nt	Nl Ass. I	Ass. I (m ³)	Nl Ass. II	Ass. II (m ³)	Tv Ass. (m ³)	Residue (m ³)	Tv MR (m ³)
Management regime I									
1	0.12	6	-	-	-	-	-	0.0049	0.0049
2	3.38	90	-	-	-	-	-	0.9556	0.9556
3	6.64	233	-	-	-	-	-	10.3513	10.3513
4	9.90	397	-	-	-	-	-	46.2283	46.2283
5	13.16	304	-	-	1,601	28.0777	28.0777	41.5143	69.5920
6	16.41	60	-	-	991	21.1293	21.1293	2.0797	23.2090
7	19.67	1	-	-	29	0.7715	0.7715	0.0260	0.7975
Total		1,091	-	-	2,621	49.9784	49.9784	101.1600	151.1354
Management regime II									
1	0.75	5	-	-	-	-	-	0.0102	0.0102
2	3.88	95	-	-	-	-	-	1.2128	1.2128
3	7.01	240	-	-	-	-	-	12.4752	12.4752
4	10.14	425	-	-	-	-	-	51.4553	51.4553
5	13.27	330	-	-	1,780	30.9851	30.9851	44.7250	75.7101
6	16.40	58	-	-	978	21.3334	21.3334	1.9762	23.3096
7	19.53	5	5	0.3918	90	2.6129	3.0047	0.1188	3.1235
Total		1,158	5	0.3918	2,848	54.9313	55.3231	111.9735	167.2966
Management regime III									
1	2.95	4	-	-	-	-	-	0.0510	0.0510
2	6.53	47	-	-	-	-	-	2.0296	2.0296
3	10.12	172	-	-	10	0.1520	0.1520	22.5376	22.6896
4	13.71	290	-	-	2,652	49.0196	49.0196	29.8237	78.8433
5	17.30	186	-	-	3,315	83.8981	83.8981	5.2804	89.1785
6	20.89	38	54	4.4054	664	20.9874	25.3928	0.8790	26.2718
7	24.47	4	40	3.7304	30	2.5034	6.2338	0.0950	6.3288
Total		742	94	8.1358	6,670	156.5605	164.6963	60.6962	225.3925

Dc is the diameter class, Cc is the class center, Nt is the number of trees, Nl is the number of logs, Ass. I is the assortment with logs ≥ 20 cm in diameter; Ass. II is the assortment with logs ≥ 12 cm in diameter, Tv is the total volume, and MR is the management regime.