

Table S1: Effect of the methanolic partitions of *Miconia cinnamomifolia* and *Psidium guineense* and lower fraction of *Calophyllum brasiliense*, at concentrations of 2000, 1000, 500, 250 125 ppm, on the Germination Percentage (PG), Germination Speed Index (GSI) and Root Length of *Solanum lycopersicum*. Values are displayed as mean ± standard deviation. Distinct uppercase letters indicate significant differences among concentrations after Kruskal-Wallis test followed by post-hoc Dunn test ($p < 0.05$). Distinct lowercase letters indicates significant differences among Ombrophilous Forest and Restinga extracts and the herbicide Glifosate, after Kruskal-Wallis test followed by post-hoc Dunn test ($p < 0.05$)

Species	Dose (ppm)	Ombrophilous Forest			Restinga			Gliphosate		
		PG (%)	GSI	Root (cm)	PG (%)	GSI	Root (cm)	PG (%)	GSI	Root (cm)
<i>Calophyllum brasiliense</i>	0	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa
	125	3.75±2.5 Ba	0.005±0.003 Ba	3.982±2.832 Aa	71.25±7.5 ABb	0.136±0.033 ABb	0.231±0.927 Bc	5.625±4.27 Ba	0.005±0.006 Ba	0.494±0.364 Cb
	250	7.5±6.455 Ba	0.011±0.011 Ba	2.237±2.394 Ca	42.5±18.484 ABCb	0.077±0.033 ABDb	0.324±0.906 Bb	5.938±4.492 Ba	0.011±0.011 Ba	0.534±0.313 Ca
	500	8.75±2.5 Ba	0.012±0.003 Ba	0.178±0.676 Ba	6.25±7.5 Ca	0.012±0.014 CDa	0.571±1.262 Bb	10±4.082 BCa	0.013±0.011 BCa	0.206±0.267 Db
	1000	13.75±7.5 ABa	0.02±0.011 ABa	0.565±1.197 Ba	11.25±4.787 BCa	0.02±0.009 BCDa	0.647±1.443 Ba	12.5±6.455 BCa	0.025±0.009 ABCa	0.42±0.224 Bb
	2000	7.5±6.455 Ba	0.011±0.01 Ba	0.325±0.786 Ba	6.25±4.787 Ca	0.008±0.006 Ca	0.645±1.977 Ba	23.75±2.5 ACb	0.037±0.009 ACb	0.338±0.301 Bb
<i>Psidium guineense</i>	0	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa
	125	10±4.082 BCab	0.018±0.005 BCab	0.122±0.467 BCa	48.75±28.687 Bb	0.107±0.055 Bb	1.484±1.863 Bb	5.625±4.27 Ba	0.005±0.006 Ba	0.494±0.364 Cb
	250	5±4.082 Ca	0.01±0.007 Ca	0.071±0.407 Ca	60±18.257 Bb	0.117±0.035 Bb	1.143±1.39 Bb	5.938±4.492 Ba	0.011±0.011 Ba	0.534±0.313 Cb
	500	10±0 BCa	0.017±0.004 Ca	0.214±0.786 BCa	68.75±20.156 ABb	0.139±0.039 ABb	1.63±1.636 Bc	10±4.082 BCa	0.013±0.011 BCa	0.206±0.267 Db
	1000	23.75±9.465 ABab	0.038±0.016 ABCab	0.349±0.816 Ba	50±20.412 Bb	0.093±0.039 Bb	1.678±1.94 Bb	12.5±6.455 BCa	0.025±0.009 ABCa	0.42±0.224 Bb
	2000	51.25±20.966 Aa	0.093±0.034 ABa	1.228±1.447 Da	57.5±6.455 Ba	0.101±0.018 Ba	1.004±1.151 Ba	23.75±2.5 ACb	0.037±0.009 ACb	0.338±0.301 Bb
<i>Miconia cinnamomifolia</i>	0	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa	92.5±6.455 Aa	0.321±0.026 Aa	4.684±2.47 Aa
	125	65±13.54 Ba	0.15±0.022 BCa	2.34±2.131 Ba	6.25±9.465 Db	0.011±0.018 Db	0.049±0.393 Cc	5.625±4.27 Bb	0.005±0.006 Bb	0.494±0.364 Cb
	250	78.75±7.5 ABa	0.171±0.024 ACa	3.302±2.138 Da	11.25±4.787 CDab	0.021±0.009 CDb	0.114±0.416 Cc	5.938±4.492 Bb	0.011±0.011 Bb	0.534±0.313 Cb
	500	73.75±4.787 Ba	0.159±0.022 ABCa	2.888±2.401 BDa	28.75±13.15 BCDab	0.049±0.024 BCDab	0.868±1.486 Db	10±4.082 BCb	0.013±0.011 BCb	0.206±0.267 Db
	1000	62.5±15 Ba	0.127±0.021 Ba	2.254±2.131 Ba	70±7.071 ABCa	0.137±0.018 ABCa	2.855±2.376 Ba	12.5±6.455 BCb	0.025±0.009 ABCb	0.42±0.224 Bb
	2000	70±9.129 Ba	0.135±0.017 BCa	1.266±1.533 Ca	78.75±7.5 ABa	0.158±0.022 ABa	1.421±1.456 Ba	23.75±2.5 ACb	0.037±0.009 ACb	0.338±0.301 Bb