

Table S1: Primary metabolites (Nutrients) in (g/ 100g) of healthy and infected stem bark of mango suffering from quick decline

Nutrients	Healthy Stem Bark	Infected Stem Bark	P-Value
Total Sugars	0.934±0.032	0.81±0.062	0.037*
Reducing Sugars	0.725±0.087	0.631±0.069	0.217
Protein	1.233±0.146	2.56±0.218	0.000*
Ascorbic Acid	0.337±0.044	0.322±0.035	0.665
Free Amino Acid	0.563±0.085	0.526±0.044	0.536

* Significant difference

Table S2: Secondary metabolites in (g/ 100g) of healthy and infected stem bark of mango suffering from quick decline

Phytochemicals	Healthy Stem Bark	Infected Stem Bark	P-Value
Phenol	0.22±0.062	0.3±0.089	0.271
Tannins	0.74±0.089	0.58±0.062	0.063
Flavonoids	0.38±0.07	0.46±0.089	0.288
Alkaloids	0.26±0.082	0.19±0.062	0.304

Table S3: Mineral contents in the healthy and infected stem bark of mango suffering from quick decline

Type	Nutrients	Healthy	Infected	P-Value
Micronutrients	Fe (µg/g)	31.333±2.082	27±2.646	0.089
	Zn (µg/g)	0.68±0.044	0.517±0.032	0.006*
	Ni (µg/g)	0.307±0.031	0.8±0.044	0.000*
	Pb (µg/g)	0.06±0.003	BD	-----
	Cu (µg/g)	2.637±0.456	2.067±0.321	0.151
	Cr (µg/g)	2±0.436	0.147±0.025	0.001*
	B (µg/g)	1.8±0.173	1.533±0.208	0.163
	Mo (µg/g)	BD	BD	-----
	Se (µg/g)	0.923±0.059	0.85±0.036	0.139
	Na (µg/g)	5.333±0.07	2.383±0.071	0.000*
	Mn (µg/g)	1.467±0.153	1.533±0.153	0.621
	Al (µg/g)	21.333±2.887	20.333±2.887	0.693
	Cd (µg/g)	0.008±0.002	0.047±0.055	0.288
	Cl (µg/g)	350±5.292	85±5.568	0.000*
Macronutrients	N (%)	2000±30	4000±200	0.000*
	P (%)	6033.33±305.51	9133.33±321.46	0.000*
	K (µg/g)	274.33±4.04	252.67±4.16	0.003*
	Ca (µg/g)	562.67±1.53	421±2.65	0.000*
	Mg (µg/g)	34.33±3.21	47±3.61	0.010*

BD: Below detection limit; * Significant difference

Table S4: Ash contents (%) in healthy and infected stem bark of mango suffering from quick decline

Ash Value	Healthy Stem Bark	Infected Stem Bark	P-Value
Total Ash	1.73±0.026	2.887±0.031	0.000*
Water Soluble	0.75±0.026	0.93±0.02	0.000*
Water Insoluble	0.98±0.02	1.957±0.025	0.000*

* Significant difference