

SUPPLEMENTARY TABLE 1

Theoretical and Experimental Plant Physiology (Thematic Collection: Metabolomics and plant metabolism regulation and integration)

NON-TARGETED METABOLOMIC ANALYSIS OF FIELD-GROWN *Coffea arabica* CULTIVARS REVEALS DISTINCT LEAF METABOLIC SIGNATURES

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Supplementary Table 1. Soil chemical characterization of the experimental locations made at depth of 0–20 cm.

pH	N	K	P	Na	Ca	Mg	Al	H+Al	SB	e	CEC
(H ₂ O)	gKg ⁻¹	----- mg dm ⁻³ -----				----- cmol _c dm ⁻³ -----					
5.1	3.08	111.9	13.7	3.0	3.9	1.1	0.10	3.9	5.3	5.4	9.2
BS	m	OM	P-rem		Zn	Fe	Mn	Cu	B	S	
- (%) -		dag kg ⁻¹	mg L ⁻¹		----- mg dm ⁻³ -----						
57.8	1.86	3.78	11.75		6.7	17.9	26.7	5.9	0.18	36.9	
Soil texture (dag kg ⁻¹)											
Clay				Sand				Silt			
41.5				20.5				38.0			

pH in water (1:2.5); Ca²⁺ – Mg²⁺ – Al³⁺ – extractor: KCl, 1mol L⁻¹; P- Na - K- Fe - Zn- Mn- Cu – Mehlich-1 extractor; B: Hot water extraction; S - Extractor - Monocalcium phosphate in acetic acid; H + Al- Extrator: SMP; SB: sum of bases; e: effective cation exchange capacity; CEC: Cation Exchange Capacity at pH 7.0; BS: base saturation index; m: aluminum saturation index; OM: organic matter (Oxidation: Na₂Cr₂O₇ 4N+ H₂SO₄ 10N); P-rem: remaining phosphorus.