

Supplementary Material

Vegetative growth, biomass allocation, and chlorophyll fluorescence of vanilla (*Vanilla planifolia*) as affected by light intensity and nitrogen supply

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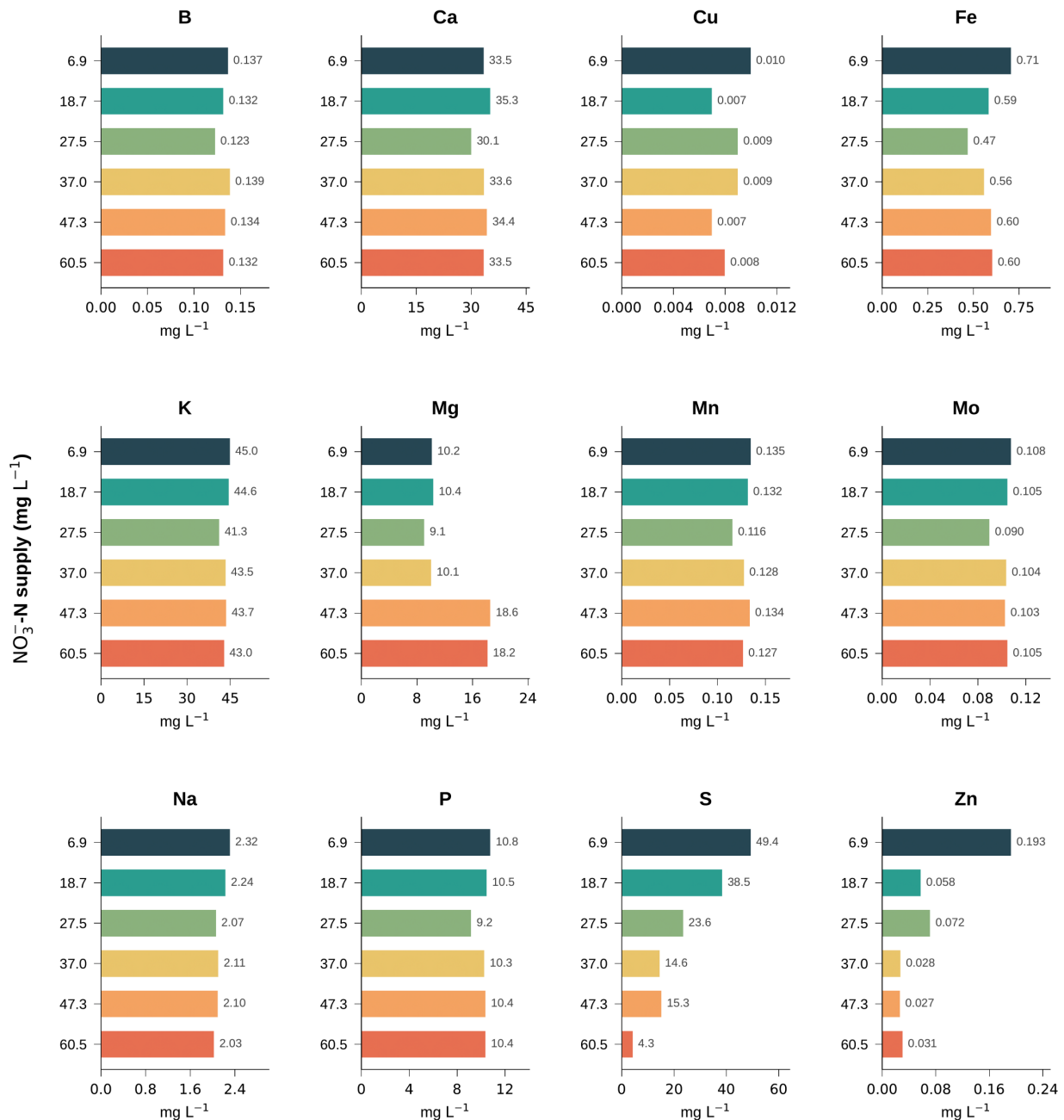


Fig. S2. Elemental composition of the six nutrient solutions. Horizontal bars show the measured concentration (mg L⁻¹) of 12 elements (B, Ca, Cu, Fe, K, Mg, Mn, Mo, Na, P, S and Zn) across six NO₃⁻-N supply levels (6.9, 18.7, 27.5, 37.0, 47.3 and 60.5 mg L⁻¹). Concentrations were determined by inductively coupled plasma optical emission spectrometry (ICP-OES) following EN ISO 11885:2009 from a single analytical sample per solution. Each panel uses an independent x-axis scale to accommodate the wide range of absolute concentrations across elements; numerical values are displayed to the right of each bar. Ammonium-N was below the detection limit (< 0.5 mg L⁻¹) in all solutions. Bar colours correspond to the six NO₃⁻-N supply levels used throughout (dark teal to red-orange).