

Dear Dr. Vicca,

Thank you once again for your valuable input. We have made the corrections as you suggested. Below are our point-by-point responses, with the changes highlighted in **bold**.

- Table 2 seems to have 2 legends now, 1 above and 1 below the table. Please correct this and make sure all information is provided in the legend (including an explanation of the p values and underlying statistical test).

R: We have corrected this by consolidating the two legends into one, ensuring that all relevant information, including the explanation of the p-values and the underlying statistical test, is included (P10 L317-320).

Section 3.3. contains the following text: "The comparison was conducted as follows: the average value of each nutrient in plants grown under aCO₂ was calculated, and then each nutrient in individual chickpea plants grown under eCO₂ levels was expressed as a ratio relative to the average under aCO₂ conditions (eCO₂ plant (each individual plant) / aCO₂ plant (average of all the control plants)". As a rule, calculations should not be explained in the methodology section, not in the results. For this simple calculation, however, I suggest to just simplify the text as follows: "To this end, the nutrient content of plants under eCO₂ was expressed relative to the average of the aCO₂ treatment."

R: We have revised the text in accordance with your suggestion. The explanation now reads: "To this end, the nutrient content of plants under eCO₂ was expressed relative to the average of the aCO₂ treatment." (P14 L397-398).

In general, the manuscript text can be further improved by writing your own results in past tense. In some places, the wording can also be improved. For example, l.280: "The impact of foliar desert and volcanic dust application was reflected by the increase of their biomass and total P content through shoot biomass gain rather than through changes in shoot P concentration" could be improved as follows: "Foliar desert and volcanic dust application increased plant biomass and total P content. This resulted from an increase in shoot biomass rather than through changes in shoot P concentration."

R: We have corrected the sentence as suggested and have also revised other parts of the manuscript to ensure consistency in using the past tense. (P9 L281-282, L287-L293, L300-L301).

The data availability statement has been removed in the revised manuscript, but should be added (but without signature - cf. other BG publications).

R: We have added the data availability statement as requested and included the reference to the supplementary materials in the manuscript. (P21 L602-L608).