

1. In scientific publications, I believe that the introduction section should primarily discuss the importance of the plant being studied. I don't find it appropriate to directly address a secondary component. The paragraph between lines 41-50 should be the second paragraph of the introduction section. The sentences in lines 46-50 (From Production..... of crops) require citation
2. Please provide some information about the mechanism of zinc deficiency and its translocation within the barley plant. This information will enhance the originality of the study, as the majority of studies routinely express the negative outcomes of zinc deficiency within the text. However, providing background information about zinc deficiency and its consequences will enable researchers to think more scientifically.
3. The statement "Short stature genes have provided significant gains in grain yields of barley via lodging resistance and high harvest index" requires a source. Which studies have led to this conclusion? This is not a general anonymous statement but a result derived from scientific research, hence citation is necessary.
4. The section between lines 61-74 resembles a discussion more than an introductory paragraph. Instead of starting with terms like "reported," "indicated," "determined," etc., these citations should be provided at the end.
5. Information about the harmful effects of zinc, such as in line 75, is also present in the introduction paragraph. My suggestion is to provide the harmful effects of zinc deficiency and its translocation within barley, as well as solutions, in separate paragraphs. Additionally, clearly explain how this study aims to address the gaps that previous scientific studies have not covered. The information in lines 87-91 does not need to be included in the text. In the last paragraph of the introduction section, the objective should be clearly stated without mentioning the materials and methods.
6. CaSO₄ (name)?
7. Please indicate the whole long names of the chemicals
8. 0.01% HCl, and dried at 70 °C for 48 hours citation?
9. No link has been established between the short stature allele and the phenotype. Although there is insufficient information about the short stature allele in the introduction, it appears to be a molecular study initially, but it is not a molecular study; rather, an imaginary relationship has been attempted between the short stature allele and phenotypic characteristics. No molecular information was found in the materials and methods section. Additionally, in the statistical analysis section, the experimental design is repeated twice and should be reduced to one instance, with a more detailed explanation of what each element represents.
10. The results section turned out as it should be. This section was professionally structured.
11. The first paragraph of the discussion section is too long and contains excessive information. Similar information has already been provided in the text. It needs to be shortened to leave at least two sentences. I believe there is a lack of connection and discussion between the findings and the literature in the discussion section, in terms of similarities, differences, and levels of connection. However, I leave this to the editor's discretion.

12. Referencing gene expression in the conclusion section without any prior mention of it throughout the text is inappropriate. Furthermore, discussing gene expression requires several steps such as gene isolation, plant RNA isolation, PCR, and many more. Under these conditions, I suggest a major revision. I recommend reviewing the other sections except for the results section.
13. The journal names of all references in the reference section should be italicized. The conclusion section needs to be slightly shortened, and the conclusions and recommendations should be expressed in concise and clear words so that even non-native English speakers can understand when reading. Additionally, I recommend avoiding the use of very old references, such as those from 1998 and 1999.