

Review of: "The Role of Plant Growth-Promoting Bacteria (PGPB) in Soil Fertility Restoration in Chemical-Contaminated Areas"

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Potential competing interests: No potential competing interests to declare.

1- The title of the article is interesting and new and a new idea provides a good source review on sustainable agriculture and soil conservation.

2- The summary and introduction and other parts are very brief and short due to the fact that the article is a review, and it needs to be completely revised by reading more and new articles in this field and completing the different parts of the article.

For example, the authors can address to the following papers:

Behrooz A, Vahdati K, Rejali F, Lotfi M, Sarikhani S and Leslie CA (2019) Arbuscular mycorrhiza and plant growth-promoting bacteria alleviate drought stress in walnut. HortScience 54(6): 1087–1092.

Lotfi N, Soleimani A, Çakmakçı R, Vahdati K, Mohammadi P (2022) Characterization of plant growth-promoting rhizobacteria (PGPR) in Persian walnut associated with drought stress tolerance. Scientific Report 12, 12725.
<https://doi.org/10.1038/s41598-022-16852-6>

3- The discussion and conclusion part is incomplete and needs to be reviewed and completed by studying more articles and pointing out the existence of correlation, and dependence of different traits at the morphological, physiological, biochemical, and molecular levels. For example, you can use the above-mentioned papers.