

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

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After reading the article, I believe it more looks like a scientific essay for the masses other than a critical review for the professionals.

I have a few suggestions.

1. the article should define the scope of chemical contamination before addressing the role of PGPB in soil remediation, as many kinds of contamination are not mentioned at all except in the introduction (the first sentence).
2. Several mechanisms were summarized for PGPB mediated soil fertility restoration. However, they were elaborated in an extremely brief or superficial way. In addition, subtitle 2.5 is not mechanism.
3. Risk assessment is required for both wide-type and genetically modified PGPB. But the fact is PGPB has already been widely utilized for decades to improve soil fertility, even without chemical contamination.
4. Although the article claimed that "this article examines...methods of action, effectiveness..." in the abstract, I can not see how PGPB was applied for soil remediation and data showing the effectiveness.