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| Book Name: | [**Research Perspective on Biological Science**](https://www.bookpi.org/bookstore/product/research-perspective-on-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_6246** |
| Title of the Manuscript: | **Co-inoculation Effect of Plant Growth Promoting Rhizobacteria (PGPR) on Growth, Yield and Nutrient Uptake in Wheat (Triticum aestivum)** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Advances in Biology & Biotechnology, 28(6): 1128-1134, 2025.**

**DOI: 10.9734/jabb/2025/v28i62471**

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript provides valuable insights into the use of plant growth-promoting rhizobacteria (PGPR) to enhance wheat growth, yield, and nutrient uptake. It supports sustainable agriculture by reducing reliance on chemical fertilizers. The findings are relevant to researchers and farmers seeking eco-friendly farming practices**.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract section is currently missing from the manuscript. Although the word "ABSTRACT" is mentioned, the actual content is not provided under it.  The manuscript is scientifically valid overall, but it requires moderate revisions to improve accuracy, scientific clarity, and professionalism. Revising terminology, correcting biological names, improving grammar, and adding deeper discussion would significantly enhance its quality. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is scientifically correct in its core content, as it presents a valid study on the effects of co-inoculation with Azospirillum brasilense and Bacillus subtilis on wheat growth, yield, and nutrient uptake. The experimental design, use of biological agents (PGPR), and data collection parameters align with standard agricultural research practices. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Yes, the references are generally adequate and include both foundational and recent works. However, updating the literature with more recent, mechanism-focused studies and correcting formatting issues would improve the manuscript’s scholarly depth and credibility. |  |
| Is the language/English quality of the article suitable for scholarly communications? | No, the current language quality is not acceptable for scholarly communication. Substantial editing is required before it can be considered for publication in a scientific journal.  The manuscript **should undergo a thorough language revision by a native English speaker or professional editor** with experience in academic/scientific writing. This will improve clarity, readability, and overall professionalism. |  |
| Optional/General comments | The manuscript covers an important topic but needs clearer presentation and better organization. Improving language quality and updating references will strengthen the paper. With these revisions, the study can make a valuable contribution.  Based on the typical review criteria and assuming the manuscript has solid scientific content but may require some improvements in clarity, language, or references. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Khalida Ali Thejeel, Iraq**