Review Form 1.7

Journal Name:	**International Journal of Plant & Soil Science**
Manuscript Number:	**Ms_IJPSS_111649**
Title of the Manuscript:	**IDENTIFICATION OF A NOVEL STREPTOMYCES SPECIES FOR MANAGEMENT OF PLANT DISEASE**
Type of the Article	**Original Research Article**

Review Form 1.7

PART 1: Review Comments

	Reviewer's comment	Author's comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments 1. **Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) 2. **Is the title of the article suitable?** (If not please suggest an alternative title) 3. **Is the abstract of the article comprehensive?** 4. **Are subsections and structure of the manuscript appropriate?** 5. **Do you think the manuscript is scientifically correct?** 6. **Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	**Keywords** should start with a capital letter. Remember that the selected keywords should accurately reflect the content of your paper and be relevant to the research community interested in your topic**.** **For the Abstract:** Consider organizing the abstract into distinct sections such as background, methods, results, and conclusion for better clarity. Emphasize the most significant findings in the abstract. Insert a short conclusion to the abstract ending. Proofread the abstract for grammatical errors and ensure the language is clear and concise. A well-written abstract is crucial for attracting readers and conveying the study's key points. **For the Introduction:** Consider adding a concise summary or roadmap of the key points discussed in the introduction to guide the reader. Overall, the introduction provides a solid foundation for the study, and the suggested improvements aim to enhance clarity and highlight the importance of the research. It would be beneficial to incorporate a more comprehensive literature review that discusses recent publications in the field. This will not only help contextualize the current work but also provide an opportunity to identify any existing gaps or areas where the manuscript can contribute novelty. Strengthening the literature review in this manner will enhance the overall depth and significance of the paper. The introduction is concise and effectively communicates the problem addressed in the study. But it is short; consider adding a brief statement that explicitly states the objective or aim of the research. Emphasize the importance of finding alternative methods for disease management, especially in the context of the problems associated with chemical fungicides, such as environmental pollution and pathogen resistance. It might be helpful to briefly mention why Streptomyces is a promising candidate for biocontrol (e.g., their common presence in the rhizosphere and known antifungal properties). Clearly state the rationale behind using Fatty Acids Methyl Ester (FAME) studies for identifying Streptomyces species. Additionally, briefly explain how the Sherlock MIS software aids in the identification process. **For the Research Methodology**: describe more details for 2.3. Hardware Factors, 2.6. Autosampler, 2.7. Computer, and 2.9. Libraries **Results and Discussion:** Very short. However, it may be helpful to break down the information into subsections, separating the results from the discussion for easier readability. Provide a brief explanation of the significance of Equivalent Chain Length (ECL) and SIM Index values for FAME analysis. This will help readers understand the criteria used for the identification of Streptomyces species. Conclude the Results and Discussion section by summarizing the key findings and their significance in the context of the study's objectives. This will pave the way for the conclusion section. Review the text for language and grammar to ensure clarity and correctness. **For the Conclusion:** Please expand the conclusion. In the conclusion, emphasize the novelty or uniqueness of the study. The conclusion should also provide insights into the implications of the study's findings and suggest avenues for future research. A well-written conclusion should flow logically from the specific to the general and provide a clear and	

	concise overview of the study's main findings and implications. Ensure that the conclusion reflects the main objectives of the research. Suggest addressing any limitations mentioned in the paper and propose potential avenues for future research or improvements in the methodology. Explain how the findings advance our understanding or offer new avenues for research in this area. An enhanced conclusion will provide a more comprehensive overview of the study's contributions, emphasizing the practical applications of the identified Streptomyces species and guiding future research in the field of plant disease management. Review the language and grammar for clarity and correctness. Ensure that all statements are well-phrased and free of ambiguity. There are some old references, and the authors should present appropriate recent citations. References can be up to date. Some errors in punctuation and editing need to be corrected in this manuscript.	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	Yes	
Optional/General comments		

PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with 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 details)*	

Reviewer Details:

Name:	**Sargol Mazraedoost**
Department, University & Country	**Pukyong National University, South Korea**