

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_113838
Title of the Manuscript:	Cultural and Morphological characterization of Streptomyces and interaction study with Sclerotium rolfsii by SEM
Type of the Article	Original Research Article

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript seems to be important for the scientific community, as it explores the possibility of control of groundnut infestation via a biological agent which specifically excludes any chemical control agents. While extensive research can confirm the exact accuracy and effectiveness of using <i>Streptomyces</i> as a control agent or bio-fungicide but the initial finding suggests this can be beneficial for the production quality of groundnut due to <i>S.rolfsii</i></p> <p>The title seems acceptable.</p> <p>The abstract can be a bit more concise with less details about the isolates. It is currently 296 words although 250 words and less can also suffice (keeping the details of strain etc in the actual body instead of the abstract). Also, the keywords need to be chosen wisely, for example the crop Ground nut is missing, the name of the disease stem-rot is missing.</p> <p>The structure and sub-sections are appropriate although the author needs to cross-check the spelling and spaces for the whole article.</p> <p>The manuscript is scientifically correct except for couple instances –</p> <ol style="list-style-type: none"> 1. Mention the scientific name and sub-species of the groundnut plant (<i>Arachis hypogaea etc.</i>) 2. The species and sub-species of <i>Streptomyces</i> needs to be mentioned (For e.g., exact species can be found using DNA sequencing and confirming if the isolates are mutation or different sub-species) 3. In the introduction the author cites that 13% of groundnut crop is infected by the stem-rot worldwide. But the author in same section confirms 40% pod infestation due to the same disease in India, please remove the ambiguity. 4. It would be good add the image of groundnut stem-rot 5. Adding a table for the inhibition efficiency of <i>Streptomyces</i> will be scientifically accurate in the result and discussion section <p>Yes the references seem sufficient and although below reference will add more credibility to the work –</p> <p>Guclu V, Aydogdu M, Basak M, Kizil S, Uzun BÜ, Yol EN. Characterization of a groundnut collection to stem rot disease caused by <i>Sclerotium rolfsii</i>. <i>Australasian Plant Pathology</i>. 2020 Nov;49:691-700.</p> <p>Hawaladar, S., Nandan, M., Vinaykumar, H.D., Hadimani, R.H., Hiremath, S., Venkataravanappa, V., Basha, C.J. and Reddy, C.L., 2022. Morphological and molecular characterization of <i>Sclerotium rolfsii</i> associated with stem rot disease of groundnut (<i>Arachis hypogaea</i> L.). <i>Indian Phytopathology</i>, pp.1-12.</p> <p>Sivakumar, T., Renganathan, P., Sanjeevkumar, K. and Sudhasha, S., 2020. Bio efficiency of certain bio control against for the management of stem rot of groundnut (<i>Arachis hypogaea</i> L.) caused by <i>Sclerotium rolfsii</i> (Sacc.). <i>Plant Arch</i>, 20, pp.1291-1297.</p> <p>Deepika, D.S., Babu, G.N. and Ravikiran, S., 2022. Epidemiology studies of stem rot of groundnut caused by <i>Sclerotium rolfsii</i> Sacc in Andhra Pradesh. <i>Research on Crops</i>, 23(3), pp.689-694.</p>	

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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	The quality of article is acceptable although there are multiple instances of double spaces. Groundnut has been mentioned as ground nut in few instances. There are some grammatical errors like use of plural instead of singular etc. This needs to be rectified by the author before publication.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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