

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_120236
Title of the Manuscript:	Optimization of Siderophore Production by <i>Bacillus subtilis</i>: Antifungal Efficacy Against <i>Alternaria triticina</i> and <i>Bipolaris sorokiniana</i> and Seed Germination Enhancement Potential
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>The manuscript, titled "Optimization of Siderophore Production by Bacillus subtilis: Antifungal Efficacy Against Alternaria triticina and Bipolaris sorokiniana and Seed Germination Enhancement Potential ", optimized the culture condition for siderophore production and also investigated the antagonistic activity against the foliar blight pathogens. Bacillus subtilis (UP11) is a gram-positive, plant growth-promoting rhizosphere bacterium (PGPR) isolated from the rhizosphere soil of wheat, produces an active compound siderophores, which are low-molecular-weight and high-affinity molecules synthesized by bacteria under iron-limited conditions. The project is very meaningful as its promise for advancing the development of novel biological control agents. I recommend its publication in Journal of Scientific Research and Reports after the following issues being addressed. 1. The background of the research topic and more former published literatures should be added to address the importance the this project. 2. For the "Qualitative and Quantitative estimation of siderophore" part, more experiment should do to ensure the repeatability of the result and avoid the accidental outcome. 3. In "Characterization of siderophore type in endophytic strain", how do you distinguish the intensity of the result by using "+","++" ? By specific value or just by watching? 4. The language of the whole manuscript needs to further polished before the final publish</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>		
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>		
<p>Are subsections and structure of the manuscript appropriate?</p>		
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>		
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>		

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Minor REVISION comments		
Is language/English quality of the article suitable for scholarly communications?		
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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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