

Review Form 3

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_126439
Title of the Manuscript:	Detection of seed mycoflora associated with mustard (Brassica juncea L.) by various seed health testing methods
Type of the Article	Original research work

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Mustard is important oilseed crop in India and knowing the state of fungal infection in it will help overcome related disease, yield loss and related problems. Two growth medium has been compared in this manuscript which provide authenticity to the mycoflora identified.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, it is suitable, but if Indian mustard is used instead of mustard, it will be more suitable as manuscript mainly focuses on Indian mustard.	
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.	Brief idea regarding germination index, infection, seed health may be added as the current abstract give very little knowledge about the research work.	
Are subsections and structure of the manuscript appropriate?	<p>1.Improving the language is suggested as at some points it is difficult to understand what the author wants to say.</p> <p>2.In material and methods section standard agar plate method uses non sterilized seeds which mean both internal and external microbes will grow and in the modified PDA media sterilized seeds are used so only the internal microbes will be isolated so it is suggested to work on this part.</p> <p>3.There is difference in incubation temperature used in both the methods so it may bring slight variation in mycoflora count as seen in the result section so I recommend to use same temperature.</p> <p>4.“Total seven fungi isolated from mustard seeds viz., <i>Alternaria brassicae</i>, <i>Fusarium oxysporum</i>, <i>Aspergillus niger</i>, <i>Aspergillus flavus</i>, <i>Rhizoctonia solani</i>, <i>Penicilium sp.</i> and <i>Rhizopus stolonifer</i> were characterized and identified on the basis of growth habit, cultural and morphological characters.” This line is mentioned in material and methods it should be part of result section.</p>	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	It is not completely correct and minor changes in the material and method will make it more suitable and sounder, also a concrete conclusion is missing in the text. It is suggested to add more to the conclusion of this manuscript to make it useful for the researchers.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :-	<p>Author may add some references for the characteristic comparison of mycoflora in the material method section.</p> <p>Some extra references are mentioned in the reference section which is missing from the text it is suggested to include them in text or remove from reference section viz:</p> <p>Gayathri, D. A., Rao, K., Rajeswari, V. K. & Babu, R.T. (2014). Detection and identification of seed mycoflora of safflower. International Journal of Current Research and Acaemic Reviews.2(1), 41-45.</p>	

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	<p>Ghosh, T., Biswas, M.K. & Aikat, k. (2018). A review on seedborne mycoflora associate with different oilseed crops and their management. <i>International Journal of Pure Applied Bioscience</i> 6(1), 1526- 1538</p> <p>Rai, P. K., Shadav, M., Sharma, P. & Garg, G. (2015) Seedborne mycoflora associated with stored mustard (<i>Brassica junce</i> L) seed and their pathogenic potential. <i>International Journal of Plant Research</i>. 28(2), 208</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes it is fine</p>	
<p>Optional/General comments</p>		

PART 2:

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

Reviewer Details:

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<p>Department, University & Country</p>	<p>Lalit Narayan Mithila University, India</p>