

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_87386
Title of the Manuscript:	Morphology and influence of abiotic factors on Magnaporthe grisea
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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	<p>The paper reports on morphology and influence of abiotic factors on Magnaporthe grisea. This study provides important and detail evidence for the hyphae growth, conidiation, the effect of culture media on growth and sporulation, effect of temperature and relative humidity on growth and spore germination. But there are still some questions to be explained.</p> <ol style="list-style-type: none"> 1. When the author tested the effect of different culture media on the hyphae growth of different isolates of M. grisea, there should show the repeat times and Variance Significance(P=0.05 or P=0.01) of different time intervals in Table 1. 2. In Fig.1, what the variance analysis between the mean colony diameter? 3. How the author count the number of conidia in different isolate? There should count the number of conidia with Hemocytometer? $1\sim 5 \times 10^n$? 4. M.grisea can produce ascus as the sexually ascos. Are there any test the ability of ascus on different medium, such as rice meal agar, bajra meal agar or Richards's agar? 5. Are there any data showing the pathogenesis on leaves of rice or barley ? 6. We know that the temperature and humidity can influence the virulence of M.grisea. Are there any plant virulence test with spray and wound-mediated inoculation with conidia at different abiotic factors, such as temperature, humidity 7. The grammar still needs to be modified, and there are some places where it is not described correctly. Some sentences are too long to understand. 	
Minor REVISION comments		
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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