



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_28893
Title of the Manuscript:	A combination fungicide for the management of blast and sheath blight disease of paddy
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:
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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)
Compulsory REVISION comments	After reading the whole manuscript, I have two questions: In discussion section, authors have reported that already Trifloxystrobin 25% + Tebuconazole 50% (Nativo 75 WG) @ 0.4 g/l have shown better results in previous studies. Thus <u>my question is what's the new about the herein study?</u> That point should be clarified by authors to judge if the present study deserve or not to be published (in author's comment and in the manuscript too). Otherwise, this study will be just a repetition of methodology. The herein investigation deals with a serious worldwide problem which the fungi resistance against fungicides. That makes scientists in hurry to find new antifungal molecules. The problem is that chemical fungicides are environment polluting and presenting many dangers for human health. This is why many investigations have as a aim to find bio-fungicides from plants, microorganisms with less consequences on health and ecosystems. Thus my question what <u>is the influence of the best combination found in the herein study which is Trifloxystrobin 25% + Tebuconazole 50% (Nativo 75 WG) @ 0.4 g/l according to authors on environment and public health?</u> Could cultivators use this combination without being afraid ? So I think that more investigations are needed as a perspective of the present one aiming to study the environmental effect of the combination under study.	Previous studies indicated the efficacy of Trifloxystrobin 25% + Tebuconazole 50% (Nativo 75 WG) @ 0.4 g/l against sheath blight disease of paddy only. In the present study we are reporting the bio-efficacy of Trifloxystrobin 25% + Tebuconazole 50% (Nativo 75 WG) @ 0.4 g/l against multiple diseases of paddy (sheath blight as well as blast disease). All chemical fungicides are hazardous to nature and they can cause more worse if they used indiscriminately. In this study, we have tested Trifloxystrobin 25% + Tebuconazole 50% (Nativo 75 WG) @ 0.4 g/l which has already been registered with Central Insecticide Board (CIB) and label claim has given for usage in paddy. Before registration and giving label claim, CIB will verify different data regarding environmental safety, toxicological studies, bio-efficacy data. Therefore, this chemical can be used safely but with recommended dosage.
Minor REVISION comments	Abstract should be written as indicated by the journal guidelines. In lines 11 and 68, authors should change "Kharif" to "autumn". In lines 21 and 107, change "compare" to "compared". In line 32, change "causes" to "cause".	This change has been included



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	Citations should be written in order. For example [7] in line 32 should become [1]. In line 50, change "Most" to "most". In line 60, add "the" before "present". From line 79 to line 82, all the combinations should be written in the same way as they are presented in table 1. In table 1 and table 3, T1 and T9 present the same combinations with different results. Maybe there is a mistake about T9 which same to be the control. In table 2, do authors mean by" check "?" If the answer is yes. In this case, they should present which control was used (fungicide) and what is its employed concentration? In tables 1 , 2 and 3, authors should present results of untreated control for the diseases under study. In table 3, authors should add as a footnote that B:C is Benefit cost In the reference list, the names of the journal should be written in abbreviation.	All the suggested corrections have been included Check here is untreated control (water spray only) It has been included This correction has been included
<u>Optional/General</u> comments		