



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_20479
Title of the Manuscript:	Arabidopsis thaliana reaction in response to cadmium and Trichoderma fungi additive into the soil
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	The manuscript represents a useful study on the effect of Trichoderma fungus inoculation on <i>Arabidopsis thaliana</i> response to cadmium at photosynthesis level. The data are presented clearly in the form radar graphs; however, I miss any summarising table of the data including statistical evaluation (the authors have stated that they used ANOVA, Kruskal-Wallis test for data evaluation; however, no results are shown in the manuscript. Besides the radar graph, I suggest to add a summarising table showing the results of statistical analysis of the data. Moreover, although the symbols used in the radar graphs are explained in Table 1, I think that they have to be explained directly in the figure legend. Further comments: In Materials and methods, manufacturer has to be specified giving chlorophyll fluorescence fluorometer "Walz" - I think that the company should be Hansatech; and the statistical software "Statistica 10" - the company should be "StatSoft Inc." Regarding references, line 38, the reference "Jansson 2002" is missing in the reference list - it has to be added there. Line 110: Correct the spelling in the reference "Balakhnina et al. (2005)" (not "Balakhnin") Lines 107, 113: Insert "a" before the words	



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	“statistically significant decrease” , i.e., “a statistically significant decrease” Line 148: The sentence has no ending - modify the sentence as follows “...indicates worsening of the photochemical capacity of plant photosynthetic apparatus (Björkman and Demmig, 1987).”	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

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