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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

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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.

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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	There are many comments on this article: <u>INTRODUCTION:</u> At lines-27, 28, "(Kalaji and Rutkowska 2004, Kuklova et al. 2015, Li et al. 2012)" should be replaced with "[1-3].". At line-30, "(Hejcman and al. 2014)" should be replaced with "[4].". At line-32, "(Kabata-Pendias 2000)" should be replaced with "[5]". At line-34, "(Kaniuczak and Hajduk 1995, Gorlach and Gambus 1996, Kabata-Pendias 2000)" should be replaced with "[5-7]". At lines-35, 36, "(Kabata-Pendias 2000, Kaniuczak et al. 2011)" should be replaced with "[5, 8]". At lines-38, 39, "(Gorlach and Gambus 1996, Jansson 2002, Balon et al. 2003, Kaniuczak et al. 2011)" should be replaced with "[7-10].". At line-38, the reference "Jansson 2002" is not written in the references list. Please, write it as reference-9 in the references list. At lines-40, 41, "(Gorlach and Gambus 1996, Spiak et al. 2000, Leszczynska and Kwiatkowska-Malina 2013)" should be replaced with "[7, 11, 12].". At line-47, "(Benitez 2004, Dluzniewska 2008)" should be replaced with "[13, 14]".	



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	<u>MATERIALS AND METHODS:</u> At line-70, "(Troufflard et al. 2010)" should be replaced with "[15].". At line-86, the country of production of the atomic absorption spectrometer should be mentioned. At line-88, "(Buszewski et al. 2000)" should be replaced with "[16].". <u>RESULTS AND DISCUSSION:</u> At line-97, "Kalaji and Rutkowska (2004)" should be corrected to "Kalaji and Rutkowska (2004) [1]". At line-101, "(Kalaji and Rutkowska 2004)" should be replaced with "[1].". At line-110, "Balakhnin et al. (2005)" should be corrected to "Balakhnina et al. (2005) [17]". At line-112, "Vassilev et al. (2004)" should be corrected to "Vassilev et al. (2004) [18]". At line-117, "(Kalaji and Loboda 2010)" should be replaced with "[19].". At line-126, "(Reigosa and Weiss 2001)" should be replaced with "[20].". At line-127, "(Kalaji and Loboda 2010)" should be replaced with "[19]". At lines-127, 128, "(Balakhnina et al. 2005, Li et al. 2012)" should be replaced with "[3, 17].". At line-140, "(Pereira et al. 2000)" should be replaced with "[21].". At line-142, "(Angelini et a. 2001)" should be replaced with "[22].".	
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	At line-148, "(Bjorkman and Demmig 1987)" should be replaced with "[23].". At lines-148, 149, "Li et al. (2012) and Liu et al. (2011)" should be corrected to "Li et al. (2012) [3] and Liu et al. (2011) [24]". At lines-161, 162, "(Wojcik and Tukendorf, 1995)" should be replaced with "[25].". At line-163, "Belleghem et al. (2007)" should be corrected to "Belleghem et al. (2007) [26]". At lines-167, 168, "Dauthieu et al. (2009)" should be corrected to "Dauthieu et al. (2009) [27]". At line-174, "(Cui et al. 2007)" should be replaced with "[28].". At line-177, "fungi a small extend reduced" should be corrected to "fungi reduced". i.e. "a small extend" should be deleted. <u>REFERENCES:</u> At line-190, "mechanism" should be corrected to "mechanism". All references must be written in accordance with the style and format of the journal as the following: 1.Kalaji MH, Rutkowska A. Reactions of photosynthetic apparatus of maize seedlings to salt stress. Advances of Agricultural Sciences Problem Issues. 2004; 496: 545-558 (in Polish).". -The reference "Kalaji and Rutkowska (2004)" should be reference-1. -The reference "Kuklova et al (2015)" should be reference-2.	
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	-The reference "Li et al (2012)" should be reference-3. -The reference "Hejcman et al (2014)" should be reference-4. -The reference "Kabata-Pendias (2000)" should be reference-5. -The reference "Kaniuczak and Hajduk (1995)" should be reference-6. -The reference "Gorlach and Gambus (1996)" should be reference-7. -The reference "Kaniuczak et al (2011)" should be reference-8. -The reference "Jansson, 2002" must be written as the reference-9. -The reference "Balon et al. (2003)" should be reference-10. -The reference "Spiak et al (2000)" should be reference-11. -The reference "Leszczynska and Kwiatkowska-Malina (2013)" should be reference-12. -The reference "Benitez et al (2004)" should be reference-13. -The reference "Dluzniewska (2008)" should be reference-14. -The reference "Troufflard et al (2010)" should be reference-15. -The reference "Buszewski et al (2000)" should be reference-16. -The reference "Balakhnina et al (2005)" should be reference-17. -The reference "Vassilev et al (2004)" should be reference-18. -The reference "Kalaji and Loboda (2010)" should be reference-19.	
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	-The reference "Reigosa and Weiss (2001)" should be reference-20. -The reference "Pereira et al (2000)" should be reference-21. At line-241, please write the pages numbers of this reference. -The reference 'Angelini et al (2001)" shouls be reference-22. -The reference "Bjorkman and Demming (1987)" should be reference-23. -The reference "Liu et al (2011)" should be reference-24. -The reference "Wojcik and Tukendorf (1995)" should be reference-25. -The reference "Belleghem et al (2007)" should be reference-26. -The reference "Dauthieu et al (2009)" should be reference-27. -The reference "Cui et al (2007)" should be reference-28.	
<u>Minor</u> REVISION comments	No	
<u>Optional/General</u> comments	No	

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