



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_15749
Title of the Manuscript:	Respiration and antioxidant enzymes activity in watermelon seeds and seedlings subjected to salt and temperature stresses
Type of the Article	Research

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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	Line 60: "in three cvs. Crimson, Charleston Gray and Fairfax" should be "in three watermelon cvs. Crimson Sweet, Charleston Gray and Fairfax" Line 61: How many seeds and seedlings were used for analyses? Line 80: "50 seeds were sowed in substrate papers" Are the 50 seeds used for each replication? What is the meaning of substrate paper? Is the substrate paper a towel or a growing medium. It could be explained. Line 86: "Seeds or seedlings" should be "Seeds and seedlings" Line 98: "but cv. Charleston Grey" should be "but cv. Charleston Gray" Line 97: "(fig 1A and 1B)" should be "(Fig. 1A and 1B)." Line 99: "(fig. 1B)" should be "(Fig. 1B)." Line 103: "Crimson Sweet (A, C) e" should be "Crimson Sweet (A, C) and" Line 104: "Vertical bars= Standard error of means" should be "Vertical bars represent the standard errors of the means" Line 108: "Crimson, Charleston Gray" should be "Crimson Sweet, Charleston Gray" Line 117: "when the seed has low moisture content" should be "when the seeds have low moisture content" What is the meaning of "low moisture content"? Is it 9-10% or more. Did you measure the moisture contents of the seeds beginning the research? Line 121: "conversion of H₂O₂ into H₂O" should be conversion of H₂O₂ into H₂O	



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	Line 123-124: "APX activity in 5 days watermelon seedlings." should be " APX activity in 5 days old watermelon seedlings. Line 133: "five days germinated watermelon seeds cultivars Crimson," shold be " "five days old watermelon seedlings of cultivars Crimson Sweet," Line 134: "Vertical bars= Standard error of means" should be "Vertical bars represent the standard errors of the means" Line 144: "Crimson sweet" shold be "Crimson Sweet" Line 149: "temperature influenced GST activity" ; " GST activity influenced temperature" Which one is true? Line 150: "(Figure 4C and 4D)," should be "(Fig. 4C and 4D)," Line 156: "five days germinated watermelon seeds cultivars Crimson," shold be " "five days old watermelon seedlings of cultivars Crimson Sweet," Line 157: "Vertical bars= Standard error of means" should be "Vertical bars represent the standard errors of the means" Line 163: "ability of the seed" should be "ability of the seedling" Line 167: "drought, high temperature, salinity" should be "drought, high temperature and salinity" Line 182: "Crimson sweet" shold be "Crimson Sweet" Line 183: "Cat activity" shold be "CAT activity" Line 187: All "Crimson" in Fig. 4 should be "Crimson Sweet" or Crimson S." Line 189: "five days germinated watermelon seeds cultivars Crimson," shold be " "five days old watermelon seedlings of cultivars Crimson Sweet," Line 191: "Vertical bars= Standard error of means" should be "Vertical bars represent the standard errors of the means" Line 192: Conclusion section is too short, it should be	
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	rewritten as including recommendation of future works and aspects.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Anonymous
Department, University & Country	Turkey