



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_42488
Title of the Manuscript:	Antioxidant defense in sunflower crops against drought
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:

(<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	Review of the MS Antioxidant defense in sunflower crops against drought. MS talks about the evaluation of the impact of drought on leaf water potential, content of photosynthetic pigments and antioxidant responses in two cultivars of sunflower. I recommend minor revision. Abstract Is clear Introduction section: is clear and informative Materials and Methods are clearly described Results and Discussion Are clear and comprehensive. P 12 L 230 ...suggest that the sunflower plants, and in particular MG2 cv. Might show a high rate of... Might should be written in small letters P 12 L 246 ...If the ROS levels are not kept low,... This statement is not clear. General comments: It would be useful for the discussion of the results if transpiration would also be measured. So the stomata openness would be known. Figure 1; it is not written, what light grey and black colour mean Table 1 units are missing I recommend including the reference: GERM et al 2005: The response of sunflower to acute disturbance in water availability. Acta agriculturae Slovenica, 2005, 85 – 1: 135 – 141 to the MS.	Corrections in the text as suggested by the reviewer: P12: The word on page 12, line 230, which now in the revised version appears on page 12, line 289 has been corrected. P12: EROs refers to the Oxygen Reactive Species, we do not observe error in this sentence. Regarding general comments: In this study the transpiratory rate or conductance was not measured. All Figures and Table were adjusted according to the reviewer's recommendation. The article recommended by the reviewer (Mateja Germ et al 2005: The response of sunflower to acute disturbance in water availability, Acta agriculturae Slovenica, 2005) evaluated gaseous changes and fluorescence in sunflower plants, variables not analyzed in our study and the context of the work is inserted in our paper.
Minor REVISION comments		
Optional/General comments		