



SDI Review Form 1.6

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_36655
Title of the Manuscript:	The effect of water stress and genotype on quinoa (<i>Chenopodium quinoa</i> Willd.) morphological, physiological and yield traits
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>)



SDI Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments	Abstract. L. 16, The authors should mention at least the most important traits. Introduction L. 28, “...., an Andean crop, ...” - I think authors should eliminate this phrase between commas. L. 34-35, “....However, in Egypt, concerted research efforts on quinoa are lacking and the crop 34 has not been provided due importance”. - I think that the authors should consider rewriting this phrase because it is not sufficiently clear. L. 59-60, “Detailed experimental results on morphological and qualitative variability from Egypt's desert are altogether absent” - the authors should consider rewriting this sentence. L. 68-69, “...simulated drought occurred during...”- What would be the level or degree of stress that causes this increase? L. 74-82, “Fghire et al (2017) investigated physiological and growth responses of six genotypes of Chenopodium quinoa to water stress....” - This paragraph should be removed from this section, and instead should be used in “Results and Discussion” section. Results and Discussion L. 221, “Table 2” - please, incorporate it. L. 281-288, The authors should discuss this paragraph appropriately. L. 315-317, “Hormonal signaling through ABA is...” - It is	-Corrected -Deleted -Corrected -Rewrote -This sentence deleted. -Done -Table 2 is mentioned (see L 166). -I have no review for that. -Corrected -Deleted from Results & Discussion section.



SDI Review Form 1.6

	now recognized that ABA is not the only phytohormone involved in the regulation of these processes. Please, to update and incorporate citations that allows justifying this. L. 323-324, "...a significant loss..." - The authors should mention what was the "significant loss". L. 415-417, "The study recommended...." - I suggest that this paragraph should be placed only in "Conclusions" section.	
<u>Minor</u> REVISION comments	Keywords - "Soil moisture deficit"- should be changed to "water stress". - "Inflorescence traits" - should be changed to "yield traits". Introduction L. 36-52, Authors should write these two paragraphs more concisely and justify the ideas with bibliographic citations. Results and Discussion L. 272, Use "<i>studies</i>" instead of "<i>investigators</i>..."	-Changed -Changed -Okay -Changed
<u>Optional/General</u> comments	• The writing style is not concise neither easily understood. Also, there are several of grammar and other mistakes that should be corrected. • Please consider citing relevant papers (2014-2017) and to update the mentioned citations.	-Checked and corrected _Okay