



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2015_AJEA_16669
Title of the Manuscript:	A Rapid Morphological Screening Procedure for Pea Under Drought Stress in Greenhouse Settings
Type of the Article	Short Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The manuscript has been significantly improved by the authors; however, I still have one major comment and a few minor comments on the revised manuscript: Major comment: I recommend revising both Figure 1 and Figure 2. I would recommend using column graphs instead of line graphs in both Figure 1 and Figure 2. An appropriate statistical treatment should also be added to both figures (error bars indicating standard deviation (SD) and asterisks indicating significant differences between the two genotypes determined by Student T-tests). Minor comments: Abstract, line 5: Correct the word form "replicates" in "four replicates" (not "replicated") Abstract, line 13: Correct the word form in the word "treatments", i.e., "between varieties and treatments (p<0.001)." Introduction, line 20: Insert "a" before the words "significant drought", i.e., "a significant drought" Material and methods - line 44: "The experiment was repeated." - "How many replicates were used," Line 86: Insert "a" before the words "decreasing irrigation", i.e., "a decreasing irrigation" Line 94: Replace the word "least" by the word "lowest" in the sentence "Both had the lowest shoot height,..." Line 98: Insert a comma after the words "For the moderate and severe drought stress treatments," Line 124: Insert "a" before the words "decreasing irrigation", i.e., "a decreasing irrigation"	Major Comments: These 2 figures were changed, thank you! Minor Comments: Line 5 - This was done, thank you. Line 13 - Sentence was re-written Line 20 - Worldwide area affected by significant drought is expected to increase in the future through climate change, we are not referring to a specific significant drought event or a single event, which would thus require the addition of "a." We are simply referring to the increasing phenomenon of significant drought in general, therefore, insertion of "a" is unnecessary and not warranted. Line 44 - in triplicate, changed Line 86 - insertion of "a" is not necessary. The sentence reads ...with relation to decreasing irrigation..., this is <u>across treatments</u> and "a" is not warranted. Line 94 - Sentence was re-written Line 98 - Done Line 124 - Unnecessary and not warranted, see comment for Line 86 above.