



SDI Review Form 1.6

PART 1:

Journal Name:	<u>American Journal of Experimental Agriculture</u>
Manuscript Number:	2013_AJEA_4419
Title of the Manuscript:	Effect of supplemental irrigation, nitrogen and genotype on the bread wheat (<i>Triticum aestivum</i> L.) productivity in Morocco
Type of the Article	Research paper

General guideline for Peer Review process is available in this link:

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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)
<u>Compulsory</u> REVISION comments	All revisions are highlighted in the original PDF file. Suggestions are included in a separate file. These suggestions are made to improve the manuscript. This paper requires a major revision regarding the material and methods, the statistical analyses as well as the discussion. Moreover, the scientific interpretation is lacking.	1. The Sais region in Morocco is ranked as Bour favorable (600 mm per year during the period 1960-1980), but with the climate change a significant decrease in precipitation began to be recorded with a high intra-and inter annual fluctuations. So the limiting factor N°1 of cereal production is water followed by nitrogen. This work is pioneering and original spreading the needs of farmers in the region and Morocco. The target groups of this work are: -The farms have irrigation equipment and use it to irrigate vegetable crops (potato, onion ...), and opting for a two-year rotation: vegetables - wheat, do not irrigate wheat ; -Large farms that irrigated the cereals by huge amount of water (more than 250 mm of water applied in a dry year with low WUE); -Farms that mismanage nitrogen fertilization under rainfed conditions and / or irrigated; -Cereals breeders (in the case of the genotype); -The scientific community.... 2. In the new version (corrected version) all corrections suggested by the two other reviewers have been taken into consideration.
<u>Minor</u> REVISION comments	Changes are required for English wording and tests as well tables	
<u>Optional/General</u> comments	Poor English	