



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_14316
Title of the Manuscript:	Root Morphology and Yield of Wheat (<i>Triticum aestivum</i> L.) Crop under Deficit Irrigation in Delhi (India) Weather Conditions
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:



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	Reviewer's comment Reviewer remarks:	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)
	The Abstract is presented herein in a different manner ??; OK if this is requested by the journal.	The Abstract is presented herein in a different manner ??; OK if this is requested by the journal.
	- Please find other key words different from those presented in the title	New key word have been introduced
	- Interesting results but they are not sufficiently discussed	An elaborate discussion has been included in the revised draft
	- An extensive bibliography was produced with the use of many new and old references; it can be used alone as a review article with an update of the results for this topic	It give me the idea of writing a review as suggested However, after dropping a few references other have been retained with addition of some new references from FAO as suggested.
	- Please, make the paper shorter -To make the paper shorter, prevent the resumption of the same sentences, results....(ex L135-157 / 174-180)	Efforts have made to make the paper short and overlapping has been removed.
	-There is a need (strongly) to review English. Make sentences shorter and clearer. Review punctuation -Write the paper with a scientific language	Grammatical mistakes have been overcome and necessary English corrections have been incorporated. Paper looks clean.
	-The FAO has produced several research reports on this subject; please include some of them in the references	References included
	- There is a problem of Verbs. Verbs are not used (conjugated) in the adequate form - Add a list of abbreviations	English syntax has been modified and got examined by the experts.



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	L18: results are provided for the depth 90cm, what about the other depths. Following L87, '70% of roots is found in the upper layers', why do you examine only the deeper horizon? L37: verify the seasons when wheat develop and maturate L190 About measurements of leaf area: a comparison should be made between these methods by making many measurements to establish the correlation between them and subsequently adopting the easiest of them. L198: About the use of the moisture sensor: perhaps there is a need in the future to make your own validation	Results of root samples were from surface upto 90 cm root zone and not only from 90 cm i.e.0-90cm. The language gave the impression that only the deeper zone was examined where as the entire root zone was covered. Language modifications have been done. In India Rabi season is synonyms with Winter seson. However, the crop matures in April and May which is spring season. Hence, the word <i>rabi</i> and <i>winter</i> are retained and spring is being dropped. Agreed
	-The last paragraph seems like a discussion? Isn't it?	Yes! It is being modified
	- It is useful to provide the main results (doses) in the conclusion and to present them as a recommendation (how farmers can use them). - An ACP is useful to precise what are the main parameters affected by irrigation.	Suggestions are well takenand necessary Suitable modifications have been done
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		