



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_9462
Title of the Manuscript:	Root Architecture Variation in Small Grain Cultivars
Type of the Article	Short Communication

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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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	Table 1 and table 2: the root parameters are one plant or whole samples? If one plant, the root length should write to Total root length (cm/per plant). Fig. 1 and Fig. 2: the Y axis should be added. Table 3: Harvest Height should change to Plant Height at Harvest; Test weight (gm) should change to 1000 Seed Weight (g). Line 141: "low input conditions" should give some detail explain. Line 169-170: If the correlation analysis between root parameters and grain yield was analysed , the result should be better.	The root parameters for each treatment are the mean values from all replicates, not from individual plant Y-axis added Table 3 captions changed accordingly Basically includes organic systems, changed There exist variation between heirloom and commercial cultivars, and they didn't follow specific trends, thus we didn't use correlation values.
Minor REVISION comments	Line 8, Comma (,) change to Semicolon (;); WinRHIZO should be deleted; grain yield should be added. Line 37, Experimental details should change to Materials and Methods. Line 65, Growth chamber should include humidity and light intensity parameters. Line 103,110, 125: (cm) and (mm) should be deleted. Table 2, Root to shoot ratio should change to root: shoot ratio as the same as in the text or Table 1. The "Figure" in the text should be changed to "Fig. " The references' format should be changed according to editor's requirement.	Line 8: Corrected as suggested Line 37: changed to materials and methods Line 65: added Line 103, 110, 125: cm and mm deleted Table 2: Maintained consistency as (root:shoot) Figure changed to Fig. Double checked with author guidelines and



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		moved personal communication to text section
<u>Optional/General</u> comments	To sum up, this paper description is very clear.	