



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_7978
Title of the Manuscript:	Effect of radiation process followed by traditional treatments on nutritional quality of high tannin sorghum cultivar
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>)



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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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	Who is the author of the first and second sentences? Sup to10 kGy [13]. Does "sup" mean superior? Or is it a spelling mistake? If cooking and fermentation enough to decrease the tannin and phytate? The results obtained agrees... correct the sentence to agree, because results is in the plural. Tables 4 = correct it to Table Bolar or polar? Leucin or leucine? "The results obtained showed that the effect of radiation alone on amino acids composition was minor as both fermentation and cooking had negative effect on some amino acids." You should rewrite this sentence. It is confused.	The author of the second sentence is provided. Up to not sup to (spelling mistake). corrected
<u>Optional/General</u> comments	I think you should do some considerations about your findings because irradiation is a high cost process. If "Cooking of fermented dough of radiated and non-radiated flour increased phenylalanine plus tyrosine". So	Radiation just as a tool to check its effect on nutritional quality to be applied or not this something supposed to be considering later.



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	why do we should use irradiation if non-radiated flour had the same effect? The same is valid to "Radiation of raw flour of the cultivar at 5, 10 and 15 kGy decreased the level of all amino acids except phenylalanine plus tyrosine with a concomitant decrease in amino acid score except that of phenylalanine + tyrosine." I think you should emphasize the importance of radiation in spite of the costs. Would it really represent an advantage? I think it should be clear in the text.	
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