### **Review Form 1.6**

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_84188
Title of the Manuscript:	Gamma irradiation induced chromosome aberrations in meiotic cells of bread wheat (Triticum aestivum L.)
Type of the Article	

#### **General guideline for Peer Review process:**

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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:

(https://www.journalijpss.com/index.php/IJPSS/editorial-policy)

#### **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		,
	Some revisions need to be made in the manuscript. A major revision in English (punctuation).  Since the significance of the study lies in the use of gamma rays to promote rapid genetic variability in crop plants, it was not possible to define in the conclusion what would be the ideal dosage of gamma irradiation to generate such variability, associated with the viability of the plants exposed to these rays.	
Minor REVISION comments	There is no comment regarding minor revision.	
Optional/General comments	The relevance of this paper is related to the applicability of the data provided to the wheat breeding process. However, it is necessary to emphasize the significance of the result, besides its description. In other words, to demonstrate how this mutation could be useful for plant breeders and crop improvement (especially in the conclusion section) in view of the new information provided by this scientific article.	

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# PART 2:

		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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

## **Reviewer Details:**

Name:	Nathalia Maíra Cabral De Medeiros	
Department, University & Country	Federal University Of Rio Grande Do Norte, Brazil	

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