



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_18875
Title of the Manuscript:	SCREENING OF CHLOROPHYLL MUTANTS INDUCED BY INDIVIDUAL AND COMBINATION TREATMENTS OF GAMMA RAYS AND ETHYL METHANESULPHONATE IN TWO VARIETIES OF <i>VICIA FABA</i> L.
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The manuscript has been significantly improved and it is now suitable for publication. I have only a few formal comments regarding English language and style as well as one reference cited in the manuscript text which is missing in the Reference list. Introduction, line 44: The reference "Kharkwal 1998" is missing in the Reference list. It has to be added there. Abstract, line 10: Insert "a" before the words "particular mutagen", i.e., "a particular mutagen"; change the word "mutagens" to "mutagenesis" in the sentence "This is important for a breeder to check the potency of a particular mutagen in inducing mutagenesis." Abstract, line 10, Introduction, line 45 and further in the manuscript text: Remove "As" at the beginning of a sentence "Chlorophyll is an important pigment..." (not "As chlorophyll is an important pigment...") Abstract, line 20: Insert "the" before the words "next season" in the sentence "...and sown in the next season to raise the M₂ generation." Introduction, line 33; Results and Discussion, line 89: Use a plural form of the word "mutagens" in the sentence "Both physical and chemical mutagens..." Introduction, line 34: Modify the sentence as follows: "Chlorophyll mutation represents the most important dependable index for assessing the effects..." Introduction, line 48: Insert "a" before the word "decrease" and use "in" instead of "of" in the sentence "Several authors have reported a decrease in chlorophyll content with increasing doses/concentrations of mutagens..." Materials and methods, line 70: Use the word form "formulae" instead of "formulas" and add "follows" in the heading "The statistical formulae used in this experiment were as follows:" Results and Discussion, line 88: Modify the sentence as follows: "Two varieties used in this experiment were the following:" Line 120: Modify the sentence as follows: "The main causes of synergistic effect of two mutagens in inducing maximum chlorophyll mutations in combination treatment are the following:" Line 125: Use a plural form of the verb "are" in the sentence "Some authors are of the view that chlorophyll mutations increase with...and are independent of variety used..." Conclusions, lines 136, 140: Write "a higher frequency" (not "more frequency")	Reference has been added now. Sentence has been corrected now. Sentence has been corrected now. Sentence has been corrected now. Sentence has been corrected now. Sentence has been corrected now. Sentence has been corrected now. Sentence has been corrected now. Sentence has been corrected now. Sentence has been corrected now.