

Review Form 3

Journal Name:	Asian Journal of Research in Crop Science
Manuscript Number:	Ms_AJRCS_126396
Title of the Manuscript:	Development of faba bean genotypes for tolerant to broomrape and resistance to foliar diseases in F2 factorial crosses
Type of the Article	Original Research Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Faba bean production in Egypt faces agricultural, environmental, and economic challenges. To ensure sustainability and food security, breeding high-yielding, broomrape-tolerant genotypes is essential. This study evaluated eight parent plants and their 16 F2 crosses in both normal and broomrape-infested soils, uncovering significant genetic variation. Selection of specific crosses, notably C3, C7, C9, and C12, shows promise for developing resilient, productive faba bean varieties with tolerance to broomrape and foliar disease resistance.	
Is the title of the article suitable? (If not please suggest an alternative title)	yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes. Mentioned in the MS file via track changes	
Are subsections and structure of the manuscript appropriate?	yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Materials and methods are applied as required.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	Are sufficient, wherever needed has been mentioned in ms	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Needs minor corrections- grammatical and scientific	
<u>Optional/General</u> comments	mentioned in ms	

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

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