



SDI Review Form 1.6

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_35439
Title of the Manuscript:	Graphical architecture of some production traits in F2 wheat populations
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)
Compulsory REVISION comments	The manuscript entitled “Graphical architecture of some production traits in F2 wheat populations”. This paper obtained information about type of gene action, for yield and its components in 28 F2 crosses. This information would be used in the approval of efficient breeding strategies in wheat breeding. Please attention to the following general suggestions in your manuscript: 1) The title is not enough information or not clear. My personally, I suggest to improve or re-write manuscript title 2) Abstract must be based on the journals style. INTRODUCTION Please reconstruct the introduction to make concise and logical introduction. More recent references require to be cited. L31-38 please adds citation (reference). Materials and Methods Please add the cultivars/lines names as you mentioned some of them in the abstract and results sections and the reasons why you selected them (if possible add). In line 9 you mentioned: 8 x 8 F2 half diallel, and in line 62 you mentioned 28 F2 progenies (direct crosses) obtained after selfing from a full 8x8 diallel F1 crosses. This is wrong because there are no maternal effects in wheat, so half diallel no full. Please re-confirm. L62 randomized complete block (RCB) design, should be RCBD. L63 during 2006-07. Your experiment was carried out during three years 1st produce the F1, 2nd produce the F2, and 3rd year is the evaluation year. Could you please write this section in details. Results and discussion L168 Like other parameters!! Many mistakes can be found. The information in your text and figures was not true. For example, L173 Inqalab-91 and Margalla-99 were closer to regression line than Iqbal-2000, Khattakwal, Wafaq-2001 and Takbeer and thus least affected by the environment. (Fig. 5b). Please add the footnote and abbreviation under the tables and figures. In Table could you please highlight the significant genotypes based on LSD *. Please recheck all information in your result section with your data.	1. Title changed to “inheritance pattern of yield affecting attributes in F₂ wheat populations 2. Abstract changed to journal style Introduction Materials and Methods Names of cultivars/lines included in text as well as Tables and Figures The 28 F₂ populations (direct crosses) were selected from 56 F₁ progenies due to lack of maternal/ reciprocal effect. However, corrections were made in text as per suggestions L62 randomized complete block (RCB) design was changed to RCBD L63 as the data presented here only pertains to 3rd year i.e. evaluation of parents and their F2 progenies, therefore, corrections were made in the text. Results and discussion Some of the figures were mistakenly numbered in-correctly which were corrected as per suggestions. The statement given here refers to Fig. 5(a) rather than 5(b) and corrections were made in the text. Corrections were made as per suggestions in the text, tables and Figures.



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	References must be based on the journal style, L83, L84,... so on. Convert kg/ha to t/ha Conclusion Conclusion needs rewrite.	References were changed according to the journal style Biological yield in kg/ha were converted to t/ha
Minor REVISION comments	1) Many number of typo and grammatical mistakes can be found in your manuscript. Try to improve the readability of your manuscript.	
Optional/General comments		