



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_34673
Title of the Manuscript:	Evaluation of grain yield, quality and nutrients content in rice (<i>Oryza sativa</i> L.)
Type of the 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	Line 9 write AC AND GC in full a first mention then short form in bracket. Line 20-21.references is needed Line 36 remove of the and put for breeders. Line 39-40 close gap Line 45 insert a between be and great..... Line 45 remove to and put in solving.... Line 45-48 recast the objective tailor it down to the central theme of your study. Line 52 do not put in italics Number you sections and sub-sections contact editor for a guide. Line 53 write the name of the varieties of rice as follows "Samba Mahsuri" apply to other varieties. Line 60 write & in full this is a scientific manuscript. Name the type of crossing made and how and the method used. Line 61, write ICAR in full. Line 62 What is the meaning of Khari. use scientific and accepted terms please. Line 65-66 put the respectively values for the years in the values of data presented. Line 66- write as randomized complete block design (RCBD) Line 68 check the symbol between 20 and 15 and express it in lower case form. Line 68-69, write all the recommended cultural methods used in the study. How did you maintain varietal purity in the field. Line 71 rewrite as vegetative and grain quality	We are very thankful to the reviewer for their keen observation and for valuable suggestion to improve the manuscript. All changes were revised in the manuscript according to the reviewers suggestions



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	analyses, since more than one analysis is being done. Line 72-74. write how you determine the parameter mentioned, kindly improve Line 75 write seeds were..... and write 4 in words Line 77 write % in full Line 80 write as grain nutritional content analyses. Line 81 write as seeds.....genotype were Write N2 in full and put short form in bracket at first mention. Line 90 write as separated and Line 98 write the standard protocol in full this is a scientific paper for other scholars to see as apply in their own study and for investigations. Line 101 remove the... write as data were..... analysis of variance (ANOVA) for RCBD show how you determined the PCV and GCV and heritability analysis Line 102-103 Remove to ascertain rice genotype. line 103 check spelling method of correlation absent kindly state it. The results shown in the tables it for the two years combined together put state it. Line 10-115 kindly remove not necessary. The discussion on your table 1 is shallow kindly improve Always write table with upper case letter for the T Use journal style in presenting references in text. contact the managing editor for a guide Link, compare and contrast your empirical findings with what other have observed . Line 129 write as BPCM2 shows desirable plant height. Line 134-135 delete from improvement.... quality wise, Always write & in full What is GT write in full Line 152 delete Grain quality..... were given. Line 155 write as Grain nutrient contents. Line 178. delete. The study..... However. put t in	
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	upper case form to start the sentence. Line 2017. delete DNA.....1997. Line 218 write as indicated that..... Line 222 write as 20.5 ppm and 24 ppm Put in italics name of journals in the reference list Use journal style in preparing your list of references contact the managing editor for a guide. Strictly ensure that all the references in the text is in the reference list and vice visa. Write title of Table 1 as Mean values of yield component and genetic parameters of four genotypes of rice (<i>Oryza sativa</i> L.). apply in othe tables always put of four genotypes of rice (<i>Oryza sativa</i> L.). State the meaning of CD and SEM as a footnote under the table State how all this traits were determined Y1-Plant Height (cm), Y2-Productive tillers per hill, Y3-Panicle Length (cm), Y4-Total grains per panicle, Y5-Unfilled grains per panicle, Y6- 399 Filled grains per panicle, Y7-Spikelet sterility %, Y8-Seed Yield Kg/ha, Y9-Straw Yield Kg/ha, Y10-Harvest index, Y11-Test weight, Y12-Days 400 to 50% flowering and Y13-Days to maturity, Q1-Hulling %, Q2-Milling %, Q3-Head Rice Recovery %, Q4-Kernel Length (mm), Q5-Kernel Breadth (mm), Q6-L/B Ratio (mm), Q7-Grain 411 Chalk (%), Q8-Alkali spreading value, Q9-Gel Consistency (GC). Q10-Amylose content (AC) %, Q11-Elongation ratio, Q12-Water uptake, Q13-412 Kernel Length after cocking (mm) and Q14-Volume Expansion Ratio (mm), N1-Protein % in Polished Rice, N2-Zn Before Polish (ppm), N3-Zn After Polish (ppm), N4-Fe Before Polish (ppm) and N5-Fe After Polish (ppm). Write the meaning of Y1-Y13 as a footnote under Table 4.	
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<u>Minor</u> REVISION comments	Use journal style in writing the title of your manuscript. Contact the managing editor for a guide.	Changes made according to the reviewer suggestions.
<u>Optional/General</u> comments	The area of research covered by the researcher is novel it will help in rice improvement research.	