

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_94065
Title of the Manuscript:	Genetic Diversity and evaluation of assembled Rice (Oryza sativa L) Germplasm for Breeding Purposes in Northern Ghana
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:

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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	<p>1. The English need improvement since there are some grammatical and syntax errors in the manuscript. For example, the words “achievable” may be as “the achievable”; “On global” as “On a global”; “on area” as “on an area”; “production of” as “a production of”; “in production” as “in the production”; “, the Block” as “, and the Block”; “world’s” as “the world’s”; “Increase in” as “An increase in”; “if rising” as “if the rising”; “, and nutrient” as “, nutrient”; “the genetic” as “genetic”; “pre-requisite” as “a pre-requisite”; “to planning” as “to plan”; “breed” as “to breed”; “Ghana’s” as “the Ghana’s”; “the important” as “important”; “association” as “the association”; “interrelationship” as “the interrelationship”; “an insurance” as “insurance”; “of farming” as “of the farming”; “Study of” as “The study of”; “to the plant” as “for plant”; “on latitude” as “at a latitude”; “longitude” as “the longitude”; “maximum” as “a maximum”; “Data was” as “Data”; “secondary” as “of secondary”; “of blade” as “of the blade”; “Angle” as “The angle”; “, descending” as “, and descending”; “of blade” as “of the blade”; “Length of blade” as “The length of the blade”; “Grain” as “The grain”; “from soil” as “from the soil”; “to tip” as “to the tip”; “at reproductive” as “at the reproductive”; “Length of main” as “The length of the main”; “panicle measured” as “the panicle was measured”; “from base” as “from the base”; “for three” as “into three”; “of blade” as “of the blade”; “grouped” as “were grouped”; “weak and remaining” as “weakly and the remaining”; “relationship” as “the relationship”; “Degree” as “The degree”; “of selection” as “of the selection”; “on nature” as “on the nature”; “selection of” as “a selection of”; “proportion” as “the proportion”; “with Number” as “with the Number”; “separates majority” as “separate the majority”; “essential” as “an essential”; “important” as “an important”; “in prediction” as “in the prediction”; “of association” as “of the association”; “distribution” as “the distribution”; “the deeper” as “deeper”; “droopy-leaved” as “a droopy-leaved”; “Majority” as “The majority”; “absent of” as “the absent”; “Awning” as “The awning”; “identification” as “the identification”; “plant” as “a plant”; “complex” as “a complex”; “speedy” as “the speedy”; “to intensive” as “to the intensive”; “in Kallar” as “in the Kallar”; “of soil” as “of the soil”; “diversity” as “the diversity”; “separates majority” as “separate the majority”; “results” as “the results”; “assessment” as “the assessment”; “great” as “the great”; “regard on” as “regard to”; “high” as “a high”. The grammar mistakes which are not mentioned here are also to be checked and corrected properly.</p> <p>2. There are some typing mistakes as well, and authors are advised to carefully proof-read the text. For example, the words “feed over” may be as “feeds over”; “obtains 33%” as “obtain 33%”; “determinant of” as “determinants of”; “bedeviled” as “bedevilled”; “high yielding” as “high-yielding”; “21st century” as “21st-century”; “species specific” as “species-specific”; “high yielding” as “high-yielding”; “programme.” as “programmes.”; “single factor” as “single-factor”; “ligule.” as “ligules.”; “score on” as “scored on”; “spikelet” as “spikelets”; “plant on” as “plants on”; “grain per” as “grains per”; “thousand grain” as “thousand-grain”; “well developed” as “well-developed”; “1000 grain” as “1000-grain”; “genetitic” as “genetic”; “split shaped” as “split-shaped”; “trancute shaped” as “trancute-shaped”; “acute shaped” as “acute-shaped”; “ligule and” as “ligules and”; “as show” as “as shown”; “figurer” as “Figure”; “semi erect” as “semi-erect”; “seed per” as “seeds per”; “Eigen value” as “Eigenvalue”; “sub divisions” as “sub-divisions”; “Cluster III” as “Clusters III”; “accession” as “accessions”; “consist of” as “consists of”; “lack of high yielding” as “lacks of high-yielding”; “pre-requisite” as “prerequisite”; “procedure for” as “procedures for”; “in improving” as “of improving”; “preference” as “preferences”; “break-through” as “breakthrough”; “semi dwarf” as “semi-dwarf”; “characters” as “characteristics”; “origin into” as “origins into”; “sub divisions” as “sub-divisions”; “origin” as “origins”; “to introgress” as “introgress”; “programmes” as “programme”; “the 12” as “12”. The typos not mentioned here are also to be checked and corrected properly.</p> <p>3. In statistical analysis, the authors should include the software and version of the software used in the present investigation.</p> <p>4. Most of the references cited in the manuscript is not given completely in the references section and it should be properly checked and corrected.</p>	
Minor REVISION comments	<p>1. Check the abbreviations throughout the manuscript and introduce the abbreviation when the full word appears the first time in the abstract and the remaining for the text and then use only the abbreviation (For example, Principal Component Analysis (PCA), sub-Sahara Africa (SSA) etc.). Make a word</p>	

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	<p>abbreviated in the article that is repeated at least three times in the text, not all words need to be abbreviated.</p> <p>2. The full form of the species should be given when the first time appears in both the abstract and in the remaining part of the manuscript and it should be followed by only the first letter of the genus (e.g., <i>Oryza sativa</i> when the first time appears and followed by <i>O. sativa</i>). The plant name should be italic all over the manuscript.</p> <p>3. Reference should be given for the standard protocol in the materials and methods section. Instead of mentioning kit or manufacture instructions or if the authors are used the modified procedure may also be given in the materials and methods section. The references should also be included in the back-references.</p>	
Optional/General comments	The authors have put effort to evaluate the “Genetic Diversity and evaluation of assembled Rice (<i>Oryza sativa</i> L) Germplasm for Breeding Purposes in Northern Ghana”. The authors describe the research undertaken with this in an organized manner, emphasizing the results obtained by them. The article needs modification for better cohesion of information to achieve the goal and the shortcomings which need to be considered. Hence, the paper can be accepted after MAJOR REVISIONS are carried out.	

PART 2:

	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)
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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