

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_92570
Title of the Manuscript:	CHARACTER ASSOCIATION AND PATH COEFFICIENT ANALYSIS IN UPLAND RICE (Oryza sativa L.) FOR GRAIN YIELD AND QUALITY CHARACTERS
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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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	NO	
Minor REVISION comments	NO	
Optional/General comments	In the reviewed article, it is followed to estimate genetic variability, heritability and genetic advance for yield and its related traits in rice cultivars as well as character association among yield and grain yield attributing traits. The first part of the article is a brief overview of the limiting factors of crop cultivation leading to unstable food security, the accumulation of osmolytes which is one of the familiar defense mechanisms of plant under drought stress condition. Further are presented the materials, methods, results and discussions. In conclusion the article studied show that advanced breeding lines of upland rice has the potential for incorporating certain important and value traits. Analysis of variance showed significant variation to all the characters. On the basis of mean performance among 25 genotypes of upland rice, SHUATS UPR – 34 (4.52 tons/ha) was found to be superior in grain yield per hectare followed by SHUATS UPR – 33 (4.38 tons/ha) over the check variety SAHBHAGIDHAN (4.37 tons/ha).	

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Moldovan Lavinia
Department, University & Country	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania