

## Review Form 1.7

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_104098
Title of the Manuscript:	STUDY ON GENETIC VARIABILITY AND CHARACTER ASSOCIATION STUDIES AMONG YIELD ATTRIBUTING TRAITS OF CASTOR ( <i>Ricinus communis</i> L.) GERMPLASM LINES
Type of the Article	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.journalijecc.com/index.php/IJECC/editorial-policy> )

**Review Form 1.7**

**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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p><b>Yes, Excellently developed factors responsible for yield</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Nice and appropriate</b></p> <p><b>Yes</b></p> <p><b>Reference part needs revision.</b> <b>Authors present in text but missing in reference: Senthilvel et al,2016, Patel et al,2011</b></p> <p><b>Reference added extra but not in the text part:</b>  <b>Goodarzi, F., Darvishzadeh, R., Hassani, A. and Hassanzaeh, A. (2012). Study on genetic variation in Iranian Castor Bean (<i>Ricinus communis</i> L.) accessions using multivariate statistical techniques. <i>Journal of Medicinal Plants Research</i>, 6(7): 1160-1167.</b>  <b>Hanson, W. D. (1956). Heritability, Statistical Genetics, and Plant Breeding NASNRC. Washington Publishers, 98: 115-140.</b>  <b>Sadaiah, K., Neelima, G., Rani, C. V. D., Rani, V. D., Madhuri, G., Nalini, N., Sujatha, M., Shankar, V. G., Kumar, M. P., Lavanya, C. and Lal, J. J. (2021). Genetic parameters, diversity and character association studies in germplasm lines of Castor (<i>Ricinus communis</i> L.).<i>Electronic Journal of Plant Breeding</i>, 12(4): 1134-1141.</b>  <b>Salihu, B. Z., Gbadeyan, S. T., Nwosu, J. D. and Bernard, E., (2018). Estimation of genetic variability, correlations and path coefficients for seed yield contributors in Castor (<i>Ricinus communis</i> L.). <i>Iranian Journal of Genetics and Plant Breeding</i>, 7(2): 24-32.</b>  <b>Silva, A. R. D., Silva, S. A., Almeida, V. D. O., Araújo, G.D.M. and Ledo, C. A. D. S. (2017). Correlations and track analysis for morphoagronomic descriptors in pedigree and parental lines of Castor Bean. <i>Ciência Rural</i>, 47: 1-7.</b></p> <p><b>Style of writing reference to be revised: Burton's formula (include both the author)</b>  <b>P. Sahithi Reddy, P. Bindu Priya, K. Sadaiah, S. Vanisri and C.V. Sameer Kumar (2022). Genetic Variability and Character Association Studies Among Yield Attributing Traits in Genepool Lines of Castor (<i>Ricinus communis</i> L.). <i>Biological Forum – An International Journal</i>, 14(2): 1277-1281.</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Good</p>	

**Review Form 1.7**

<b>Optional/General</b> comments	Excellent work, research conducted in only one season, the condition of study is not explained whether irrigated or rainfed. If rainfed , seasonal influence may be studied	
----------------------------------	---	--

**PART 2:**

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

**Reviewer Details:**

Name:	<b>S. Vallal Kannan</b>
Department, University & Country	<b>Tamil Nadu Agricultural University, India</b>