

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_93720
Title of the Manuscript:	Evaluation of Cluster bean (<i>Cyamopsis tetragonoloba</i> L.) genotypes for vegetable pod yield and guar gum production
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.journalijecc.com/index.php/IJECC/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		
Minor REVISION comments	<p>The purpose of this study is to estimate the yield of plant pods and the properties of guar gum under Coimbatore conditions. Seven cluster bean genotypes were evaluated, the experiment was presented in randomized block design with five replicates. 14 characters have been evaluated. The results of the present survey showed that CT CBE 002 outperformed all other genotypes studied in terms of plant height, total number of clusters, number of pods per cluster, number of pods per plant, seed yield per plant, percentage of guar gum and seed protein content. Of all the genotypes evaluated, CT CBE 002 showed superior performance in plant height, total number of clusters, pods per cluster, pods per plant, seed yield per plant, percentage of guar gum and percentage of protein in seeds. The highest pod weight was observed for MDU 1. Pod yield per plant and pod length were highest in CT CBE 001. The earliest days to first bloom and the days up to 50% bloom were observed in CT CBE 001.</p> <p>The paper makes the following observations:</p> <ul style="list-style-type: none"> - The introduction part is very limited and requires more information on the production of the Cluster bean on the market, the cultivated area,... - The material and method part it is necessary to better explain the distribution of the experimental blocks by a diagram or a table - In the results and discussions section the results are well presented, you just need to deepen the discussion and add more recent references 	
Optional/General comments		

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>	

Review Form 1.6

Reviewer Details:

Name:	Kadri Karim
Department, University & Country	Regional Research Center in Oasis Agriculture, Tunisia