

**Review Form 3**

Journal Name:	<b>Asian Research Journal of Agriculture</b>
Manuscript Number:	<b>Ms_ARJA_120524</b>
Title of the Manuscript:	<b>Growing Green: Unravelling Trait Associations in Sunnhemp (<i>Crotalaria juncea</i> L.) for higher biomass.</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>The manuscript is about elucidating the associations among traits and its contribution towards high biomass in Sunnhemp. The manuscript describes some important results regarding characteristics that impact the Sunhemp biomass yield. Yet it needs 'minor revision', specifically:</p> <ol style="list-style-type: none"> <li>1. Improve the introduction by adding information about Sunhemp's industrial values, for example. I also suggest update introduction with more current references.</li> <li>2. In the Materials and Methods section, it is important to justify how the characteristics that would be evaluated were chosen. Moreover, the statistical tests applied must be mentioned.</li> <li>3. Overall, the results and discussion section needs improvement. It is necessary to further discuss the results presented in the tables. They are just described. I suggest comparing these results with more works in the literature.</li> </ol>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the title "Growing Green: Unravelling Trait Associations in Sunnhemp (<i>Crotalaria juncea</i> L.) for higher biomass" is suitable.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract of the article is comprehensive, however, I suggest including information about how Sunhemp could be an alternative to green manure given the rising cost of fertilizers.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, the sections and general structure of the manuscript are appropriate.</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript is an initial investigation about which characteristics directly and indirectly influence Sunhemp's biomass yield. It becomes technically robust as it works with various germplasms and analyzes more than 10 distinct characteristics. It is a time-consuming experiment that generates a significant amount of data to be worked on. The study presented here provides good guidance for future genetic breeding strategies for this plant.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>The manuscript contains thirteen references, which only three references are recent. I suggest including more references focusing on recent articles.</p>	

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Minor REVISION comments		
Is language/English quality of the article suitable for scholarly communications?	Yes, the language quality of the article is suitable for scholarly communications.	
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>	

### Reviewer Details:

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