

Review Form 1.7

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_113170
Title of the Manuscript:	SWEET SORGHUM FOR BIOFUEL PRODUCTION IN SUB-TROPICAL INDIA
Type of the Article	

Review Form 1.7

PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Yes, In light of the pressing need for alternative feedstocks for biofuel production—particularly in places like India where ethanol blending in petrol is becoming more and more important—the manuscript "Sweet Sorghum for Biofuel Production in Sub-Tropical India" is indeed significant for the scientific community. The manuscript highlights the high biomass and alcohol yields of sweet sorghum, together with its suitability for growth in sub-tropical regions, and offers insightful information about the potential of this crop as a renewable energy source. The publication advances the scientific understanding of sweet sorghum as a feasible feedstock for biofuel by providing data on productivity features, economic feasibility, and ongoing research initiatives. This knowledge will help shape future research paths and policy decisions in the bioenergy sector. 2. Yes, the article's title, "Sweet Sorghum for Biofuel Production in Sub-Tropical India," is appropriate because it clearly conveys the manuscript's main topic, which is on the potential of sweet sorghum as a feedstock for biofuel in the particular geographical setting of subtropical India. It does a good job of explaining to readers the focus and extent of the investigation. 3. Yes, a thorough summary of the main ideas discussed in the manuscript may be found in the article's abstract. It does a good job of summarising sweet sorghum's potential for producing biofuel by pointing out its high biomass and alcohol yields, as well as its several revenue streams. To further increase its comprehensiveness, the abstract also discusses ongoing research attempts to test potential genotypes in sub-tropical environments. All things considered, the abstract provides readers with a useful synopsis by briefly summarising the key conclusions and importance of the research. 4. Yes, the manuscript's structure and subsections seem adequate. The content is rationally divided into manageable pieces by the well-organized manuscript, which features distinct subsections. In order to create a coherent story, each segment discusses a different facet of the production, economics, productivity, and future prospects of sweet sorghum. Tables and figures can aid in the systematic presentation of facts and information, improving readability and comprehension. Overall, the organisation of the article makes it easier to navigate and understand the content. 5. The information presented in the manuscript seems to be accurate from a scientific standpoint. The information offered is more credible since it is backed up by references to reliable sources, such as research studies and peer-reviewed periodicals. The text also includes statistics that are consistent with accepted scientific techniques and principles, such as ethanol yields, economic analysis, and productivity attributes of sweet sorghum. It is difficult to determine with certainty how accurate the article is scientifically, though, without carefully going over the whole document and the supporting documentation. Consequently, additional examination by fellow reviewers or subject matter specialists would prove advantageous in guaranteeing the scientific soundness of the work. 6. The sources listed in the text address a wide range of pertinent subjects including the production of biofuel, the cultivation of sweet sorghum, and associated research projects. They add to the manuscript's credibility because they seem to be current and from reliable sources. However, adding references from more recent papers could be helpful to further improve the breadth and depth of the literature study. In particular, new research on the genetics, agronomy, biofuel processing methods, and economic assessments of sweet sorghum may offer insightful information to supplement the current references. The subject and breadth of the article could also be expanded by adding references that highlight new opportunities and problems in the fields of sustainable agriculture and biofuel production. 	

Review Form 1.7

Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	<p>The article's style and English quality seem suitable for academic writing. To effectively communicate scientific information to readers, the text must be clear, succinct, and grammatically correct. However, to guarantee clarity and conformity to academic writing standards, it is usually advantageous to have the document examined by a language editor or proofreader. The linguistic quality seems appropriate for scientific publication overall.</p>	
Optional/General comments	<p>The manuscript offers a thorough investigation of the potential of sweet sorghum to produce biofuel in subtropical India. There are some things, nevertheless, that need to be criticised.</p> <p>First off, even though the book has a lot of information on ethanol yields and productivity from sweet sorghum, it might be presented in a more orderly and visually appealing manner. More readable tables and figures could improve the reader's comprehension and increase the data's accessibility.</p> <p>Second, there isn't much talk about the restrictions and difficulties involved in growing sweet sorghum and producing ethanol. By addressing these drawbacks, the author hopes to provide readers a more well-rounded understanding of the real-world effects of using sweet sorghum as a feedstock for biofuel.</p> <p>Furthermore, a deeper investigation of potential adoption roadblocks and future orientations would enhance the conversation and offer insightful information to scholars and decision-makers.</p> <p>Overall, even if the article provides insightful information, its influence and contribution to the field of bioenergy research may be strengthened if these critiques were addressed.</p>	

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:

Name:	Priyambodo Nur Ardi Nugroho
Department, University & Country	Politeknik Perkapalan Negeri Surabaya, Indonesia