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Assistant Professor in Botany (DDE)

June 12, 2022

To,

Zoe Zhou
Assistant Editor
Sustainability MDPI

Subject: Minor Revision on manuscript (sustainability-1750695) for MDPI Sustainability

Dear Dr. Zoe Zhou,

Thank you very much for reviewing our manuscript submitted to Sustainability MDPI (sustainability-1750695). It is fortunate that the manuscript got Minor Revision from the peer reviewers. We are encouraged with the valuable inputs and comments of the reviewers. The manuscript has been revised as per the suggestions mentioned by Reviewer-1 and Reviewer-2.

Apart from these modifications, we would like to clarify on the comments of Reviewer-1, point-by-point.

Reviewer-1

Comment: 1 *Line 19: Remove the in "… This study the produced sustainable lactic acid…".*

- The authors sincerely thank the reviewer for this valuable remark and as per the Reviwer comment the suggested word has been removed from the Abstract.

Comment: 2 *Line 59 – 62: I would suggest to remove the result statement from introduction section as "… In this study, high lactic acid production has been achieved through fermentation*

using sugarcane molasses as a carbon source by Novel Non-fastidious Bacillus amyloliquefaciens strain J2V2AA isolated from milk industry effluent [18]..”

- The authors sincerely thank the reviewer for this valuable remark as per the reviewers suggestions the line has been removed from the Introduction.

Comment: 3 - Figure 1: Suggest the author to not mixed up the location for isolation lactic acid producing bacteria and location for sugarcane molasses. Location for sugarcane molasses should be included under Subtopic 2.3. Suggest to rename the Figure 1 caption to: Location for milk effluent sample collection.

- The authors sincerely thank the reviewer for remarking the picture error. In order to reduce the confusion simplified and easily understandable modified pictorial representation figure has been split and added in the respective places with modified title.

Comment: 4 *Line 92 – 93: please correct grammatical and typing error in the sentences. What do the author means by minimal SM concentration? I would suggest to include the minimum value in the text.*

- The authors sincerely thank the reviewer for remarking the error. The authors have changed the text as per reviewer comment.

Comment: 5 *No statistical analysis was included in the figure to determine the significant different or not. Normally, the significant difference of sample.*

- The authors sincerely thank the reviewer for remarking comment on statistical analysis part. The authors have made statistical calculations using SPSS and Origin software. The SD values are represented in the supplementary file Table.

Comment: 6 *Line 177 – 178: please include explanation on feedback mechanisms.*

- The authors have changed the text as per reviewer comment.

Comment: 7 *Line 226 – 227: Please rewrite the Figure 7 captions as a title. Do not include result in the caption. Label A, B and C in the figure box. No need to include right, left, down.*

- The authors have changed the text as per reviewer comment.

Comment: 8 *Many grammatical and typing errors such as capital letter for general words, suggest the author to re-check the whole manuscript. Example: Line 92 – 93: “... as a Carbon*

Source for the LA Production Pilot-scale experiment was carried out with minimal SM concentration…

- The authors have changed the text as per reviewer comment.

- **The authors request the editor to kindly consider the manuscript for the publication.**

  Looking forward to your favorable reply.

Thanks and Regards

Dr. M. Jothi Basu