|  |
| --- |
|  |
| Book Name: | [**Research Perspectives of Microbiology and Biotechnology**](https://www.bookpi.org/bookstore/product/research-perspectives-of-microbiology-and-biotechnology-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3994** |
| Title of the Manuscript:  | **MICROBIAL DIVERSITY OF MOISTURE STRESS TOLERANT RHIZOBACTERIA ASSOCIATED WITH SORGHUM AND ALLIED WEEDS DURING SORGHUM CROP PRODUCTION UNDER DROUGHT CONDITION** |
| Type of the Article | **Book Chapter** |

|  |
| --- |
| PART 1: Comments |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The manuscript contributes to the understanding of the complex interactions between microorganisms, plants, and their environment. The research provides insights into the diversity of rhizobacteria associated with sorghum and allied weeds, shedding light on the microbial communities that thrive under drought conditions. This research promotes sustainable agriculture practices by exploring the potential of beneficial microorganisms to mitigate the effects of drought on crop production.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The title though suitable is too wordy. It can be modified to 'Microbial Diversity in Drought-Tolerant Sorghum Rhizobacteria'.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Not comprehensive enough, kindly include background to the study to underscore the significance of the research.** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **The manuscript is scientifically correct and empirical. It adds to the body of knowledge on the interaction between the plant and microbial consortium for sustainable agriculture.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **The references are sufficient and recent.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Suitable  |  |
| Optional/General comments | Publishable with corrections as follows.Abstract: provide brief background to the study.State the GPS of the locations in Ahmednagar under the subtopic sample site and collection (line 5)Mention the name of the laboratory under Soil Sampling and Moisture Analysis (line 6)There should be space between the number and the unit, e.g 10 gm not 10gm, 20 cm not 20cm.Refer to Table 1 and 2 under the result and comment briefly on each before the discussion.Write out the conclusion as the last paragraph. |  |

|  |
| --- |
| **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?**  | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

|  |
| --- |
| **Reviewer Details:** |
| Name: | **Ajayi Oyinlola Arike** |
| Department, University & Country | **Nigeria** |