

Review Form 3

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| Journal Name: | Journal of Scientific Research and Reports |
| Manuscript Number: | Ms_JSRR_124985 |
| Title of the Manuscript: | Optimizing sorghum yield and quality through plant growth regulators and micro -nutrient management strategies. |
| Type of the Article | |

Review Form 3

PART 1: Review Comments

| Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | The manuscript provided valuable insights into effective strategies for enhancing sorghum productivity, contributing to improved food security and farmer livelihoods in regions facing agricultural challenges. The manuscript also sought to inform best practices that could be adopted by farmers and policymakers, emphasizing the importance of integrated nutrient management strategies for sustainable sorghum production. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title of the article is suitable. | |
| 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. | The abstract of the article is comprehensive | |
| Are subsections and structure of the manuscript appropriate? | Yes, it is appropriate. | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | I think that this manuscript is scientifically robust and technically sound. this manuscript highlight sought to inform best practices that could be adopted by farmers and policymakers, emphasizing the importance of integrated nutrient management strategies for sustainable sorghum production. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. : | References are not recent. Some recent references related to the manuscript topic have been suggested. Please include them in the manuscript, as follows: 25. Abbas, Atheer Talib & Abdulkadhim, Sabaa Jawad (2024). The Impact of Biofertilization and Rootstock Type on the Development of Grafted Citrus aurantifolia Seedlings. IOP Conference Series: Earth and Environmental Science, doi: 10.1088/1755-1315/1371/4/042061 26. Hashem, Abbas Hadi & Abdulkadhim, Sabaa Jawad (2024). Impact of Foliar Application with Amino Alexin and a Mixture of Marvel Fertilizer with Growth Regulator (Floratone) in Physio-Biochemical Parameters of Bitter Orange Saplings (Citrus aurantium L.), IOP Conference Series: Earth and Environmental Science, doi: 10.1088/1755-1315/1371/4/042056 27. Abdulkadhim, Sabaa Jawad (2019). Influence of Bio- fertilizer and spraying with palm Pollen grains Extracts on some Growth indicators and Leaves Content of Nutrient in Pomegranate cv. salimi. Plant Archives Vol. 19 No. 1:pp. 1458-1464. DOI: 10.13140/RG.2.2.22893.54247 28. Abdulkadhim, Sabaa Jawad & Rawaa Naser Hussein (2023). Effect of Vermicompost, Bio fertilizer and Chemical on Vegetative growth trait of Strawberry Plant (fragaria x ananassa) rubygem cultivar. Intrnational Journal of Agricultural. Statistical Science. Vol. 19, Supplement 1, pp. 1031-1039. DOI: https://doi.org/10.59467/IJASS.2023.19.1031 . 29. Fadhil, Ayad Hasan & Sabaa Jawad Abdulkadhim (2020). Influence of Bio and Mineral Fertilization and Palm Polen Extract in Growth of Lime seedling. Plant Archives Volume 20 No. 2, pp. 6475-6480. e-ISSN:2581-6063 (online), ISSN:0972-5210. www.Plant Archives Volume 20 No. 2, pp. 6475-6480.com | |

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| Minor REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the language/English quality of the article is suitable for scholarly communications | |
| Optional/General comments | The manuscript is suitable for publication. | |

PART 2:

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| | 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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| Department, University & Country | Al-Furat Al-Awsat Technical University, Iraq |