

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_128603
Title of the Manuscript:	In-vitro management of wilt disease of sugarcane through chemical fungicides at different concentrations.
Type of the Article	Research

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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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.	This manuscript provides valuable insights into the management of <i>Fusarium sacchari</i> , a major pathogen causing wilt in sugarcane, through the use of combination fungicides. By evaluating the efficacy of various fungicides at different concentrations, it highlights the potential of Electron (Azoxytrobilin 2.5% + Thiophanate Methyl 11.25% + Thiamethoxam 25% FS) for achieving 100% mycelial growth inhibition, thus offering an effective control strategy. The findings contribute to the scientific understanding of chemical control options for soil and seed-borne pathogens and present practical implications for reducing economic losses in sugarcane cultivation. This work also paves the way for further field trials and integrated disease management approaches.	
Is the title of the article suitable? (If not please suggest an alternative title)	The provided title, "In-vitro management of wilt disease of sugarcane through chemical fungicides at different concentrations", is clear and descriptive. However, it could be refined to make it more concise and focused while emphasizing the study's core aspects The below may be considered Efficacy of Fungicides for In-vitro Management of Sugarcane Wilt Caused by <i>Fusarium sacchari</i> In-vitro Evaluation of Fungicides Against <i>Fusarium sacchari</i> Causing Wilt in Sugarcane	
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 reasonably comprehensive but could be refined to enhance clarity	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears scientifically sound, employing the poisoned food technique to evaluate the efficacy of fungicides against <i>Fusarium sacchari</i> , a major pathogen in sugarcane. The study is robust, testing both systemic and contact fungicides at multiple concentrations, and reports promising results, with Electron achieving 100% mycelial inhibition. However, incorporating details on statistical analyses, field relevance, and justification for fungicide selection would enhance its scientific rigor and practical applicability. If validated further, the findings could significantly contribute to sustainable disease management in sugarcane cultivation	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	May be improvised in terms of citation	
Is the language/English quality of the article suitable for scholarly communications?	The language of the abstract is generally clear but could be improved for readability, scientific tone, and conciseness.	
Optional/General comments	Spelling mistakes and other grammatical errors may be rectified	

Editorial Comments (This section is reserved for the comments from journal editorial office and editors):

	Author's Feedback
You are hereby suggested to include following recent references to improve the quality of the manuscript. Viswanathan R, Balaji CG, Selvakumar R, Malathi P, Ramesh Sundar A, Prasanth CN, Chhabra ML, Parameswari B. Epidemiology of Fusarium diseases in sugarcane: a new discovery of same <i>Fusarium sacchari</i> causing two distinct diseases, wilt and pokkah boeng. Sugar Tech. 2017 Dec;19:638-46.	

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PART 2:

	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>
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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