



SDI Review Form 1.6

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| Journal Name: | Current Journal of Applied Science and Technology |
| Manuscript Number: | Ms_CJAST_53530 |
| Title of the Manuscript: | Differential biochemical response among Banana (<i>Musa spp.</i>) genotypes against Banana Bunchy Top Virus (BBTV) |
| Type of the Article | Original Research Article |

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>

PART 1: Review Comments

| | 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) |
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| Compulsory REVISION comments | <p>The adaptive mechanism and biochemical responses in two banana cultivars viz., Rasthali and Grand Naine against the banana bunchy top virus (BBTV) was studied.</p> <p>BBTV infected leaf samples of Rasthali and Grand Naine were assessed for the total chlorophyll, carbohydrates, phenols and enzyme activities such as peroxidase (POX), polyphenol oxidase (PPO), catalase (CAT), ascorbate peroxidase (APX), guaiacol peroxidase (GPX) and superoxide dismutase (SOD).</p> <p>A significant increase in the defense enzymes (PPO, POX, APX, GPX and CAT), total phenols, over the healthy sample was recorded.</p> | |
| Minor REVISION comments | Reference to each method employed in the experiment needs to be stated. | |
| Optional/General comments | | |

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) |
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| 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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