

Review Form 1.6

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| Journal Name: | International Journal of Plant & Soil Science |
| Manuscript Number: | Ms_IJPSS_82960 |
| Title of the Manuscript: | Effect of antioxidants, culture conditions and frequency of subculture to control phenols during in vitro culture of Phalaenopsis hybrid cultivar Oriana |
| 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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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) |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Compulsory</u> REVISION comments | | |
| <u>Minor</u> REVISION comments | The manuscript presents a good work, however, I am in doubt about the methodological relationship of the research. Were the experiments performed in isolation? Make it clearer how they were carried out. Why still use HgCl2 for the disinfestation process since it is such a toxic compound that it can lead to the emergence of somaclonal variations in the regenerated plants. Unless this is an intention of the research group. In the conclusion, the authors include the data as if they were analyzed together, hence the doubt regarding the isolated methodology. The bibliographic references are very old and have few. I suggest inserting newer data, because for floriculture there are many updated works, even more with orchidaceas. | |
| <u>Optional/General</u> 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) |
|----------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

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