

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_86073
Title of the Manuscript:	Study on in vitro seed germination and seedling development of tuberose (Agave amica Medik.)
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)
Compulsory REVISION comments	<p>1.A protocol for <i>in vitro</i> germination of seeds on Agave is reported as a first ever report on <i>in vitro</i> seed germination</p> <p>2. Author must present data related to in vivo seed germination response also in this species for comparison</p> <p>3. Already there are reports available in literature related to the germination response of seeds without and with seed coat nothing new observation is presented</p> <p>Add more relevant discussion in support of the results</p>	<p>Thank you for your detailed suggestions.</p> <p>-Commercially tuberose is propagated by bulbs and <i>in vitro</i> propagation of bulbs also studied. But it is first study on <i>in vitro</i> germination of tuberose seeds.</p> <p>- Already some studies were undertaken on <i>in vivo</i> germination and now I am studying only under <i>in vitro</i> condition. But discussed about <i>in vivo</i> germination in the manuscript for comparison.</p> <p>- In tuberose seed it is new method as seed without and with seed coat for germination and I added articles related to this method.</p>
Minor REVISION comments	<p>1.Please clarify the meaning of strong base highlighted in text line number 178.</p> <p>2.Author is advised to support the data by incorporating more photos on <i>in vivo</i> hardening</p>	Suggestions were undertaken in the manuscript
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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	