

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_91493
Title of the Manuscript:	Screening of Rice (oryza sativa L) landraces of Tamil Nadu for Seedling Stage Drought Tolerance using PEG 6000
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>Although the yielding capacity of traditional varieties is limited this is compensated by other appreciable characters such as high nutritional value, good cooking qualities including pleasurable aroma, and sufficient volume of cooked meal with less quantity of raw rice. On farm and in market management responsiveness of landraces and high- yielding traditional varieties area about 30–35% more than modern varieties. The seed of traditional varieties costs 2.5 times lesser than that of modern varieties.</p> <p>Is identical to Ashok et al (2021) Changes in the physiological and biochemical activities of traditional rice landraces affected by water stress during reproductive stage under field condition. Journal of Pharmacognosy and Phytochemistry 10(1): 2328-2330 (1)</p> <p>The data were statistically analysed as suggested by (Gomez and Gomez, 1984). The reference Gomez and Gomez, 1984 is missing.</p> <p>And the tables are difficult to interpret. I would add a description of G, T and GxT (+ formula , etc) in materials and methods. Table 6. Seed vigour of different rice genotypes under control and – 0.8 MPa PEG 6000 I would add a column describing the variation (%) of seed vigor of control vs treated. The same recommendation for the variables presented in table 7 and 8. Finally, I would also add a couple of graphs to help interpret the values in the tables</p>	
Minor REVISION comments	<p>Medicinal benefits (use in mouth <u>ulcer</u> ,<u>improve</u> digestion).</p> <p>Cha-Um, Suriyan, Suravoot Yooyongwech, and Kanyaratt Supaibulwatana. 2010. "Water deficit stress in the reproductive stage of four indica rice (Oryza sativa L.) genotypes."</p> <p>Kabiri, R. 2010. "Effect of salicylic acid to reduce the oxidative stress caused by drought in the hydroponic cultivation of Nigella sativa (Nigella sativa)."</p> <p>Reference is incomplete</p>	
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?	(If yes, Kindly please write down the ethical issues here in details)	

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Reviewer Details:

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