



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_50796
Title of the Manuscript:	Response of Heat Tolerant Variety (Kufri Surya) of Potato (Solanum tuberosum) Under Different Levels of Nitrogen
Type of the Article	Short 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)
Compulsory REVISION comments		
Minor REVISION comments		
Optional/General comments	<p>More nitrogen application also increases the leaf growth and hence the number of stomata increasing the stomatal conductance rate. Highest stomatal observations were found at 150 kg nitrogen ha⁻¹, for all the stages with a maximum of 395.33 millimol m⁻² s⁻¹ at 60 DAP because this was the optimum dose above which no such effect was seen. Since stomatal conductance rate is closely related with transpiration rate, maximum transpiration rate similarly observed at 150 kg N ha⁻¹ at all stages of growth. Net photosynthetic rate may be assigned to the possible reasons of larger number of chlorophyll and stomata due to optimum doses of nitrogen.</p> <p>From the above experiment it can be concluded that Kufri Surya didn't perform better than check variety KufriJyoti because the high temperature at which Kufri Surya might have shown better performance with respect to yield than KufriJyoti due to its heat tolerant characteristics which was not obtained. So the experiment requires repetition for further studies in Terai region of West Bengal.</p>	

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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