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SDI Review Form 1.6

Journal Name:	Asian Journal of Biotechnology and Bioresource Technology
Manuscript Number:	Ms_AJB2T_52395
Title of the Manuscript:	Comparison of mycelial growth of different Tricholoma matsutake strains in soil medium at varying temperatures
Type of the Article	Short Research Article

General guideline for Peer Review process:

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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 agree highlight that part in the may his/her feedback here)
Compulsory REVISION comments	 In the Abstract, revise Conclusion. The current statement is not a conclusion. Revise Introduction. Further information regarding Tricholoma matsutake must be given including: i) taxonomic status and morphological characteristics; ii) optimal culture condition (for mycelia, if known); and iii) cultivation (can this mushroom be cultivated currently? Or it is a wild mushroom). Specify the mean temperature given. Is this annual temperature mean? Provide loamy soil supplier. Also, further describe the B-horizon soil. Show the Figure of flat-bottom vials containing soil medium used in the study (both before inoculating and after mycelial growth). Why were 89 days of cultivation used and not 100 days (or more)? Provide the reference for the primers used. Specify the concentration of the template DNA used. Further describe the quadratic and tertiary equation models used. Further explain the strains I122 and I33 as their growth at 25C seemed to be better than those at 20C. Similar trend was also observed for I33 for mycelial density. How about the mycelial density of NF2970 at 15C? Further discuss the optimal temperature for this mushroom in different zones (if available), e.g., in Finland and southeast Asia. Further describe the data obtained from the References 5 and 16. How were these meant, compared with the current study? Any possible reason? Further explain how this study would contribute to the mushroom cultivation. 	
Minor REVISION comments		
Optional/General comments		

eed with reviewer, correct the manuscript and anuscript. It is mandatory that authors should write

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PART 2:

	Reviewer's comment	Author's comment (if agreed that part in the manuscript. It is feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Ekachai Chukeatirote
Department, University & Country	Mae Fah Luang University, Thailand

l with reviewer, correct the manuscript and highlight s mandatory that authors should write his/her