



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Crop Science
Manuscript Number:	Ms_AJRCS_44152
Title of the Manuscript:	Influence of 3-Methylthiopropionic Acid (MTPA) Produced by Rhizoctonia solani AG-3 on Yield and Dry Matter Accumulation of Potato
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:

(<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	<p>In material & method section: Line No.60 cv Leshu mentioned its nature weather susceptible or resistant Line No. 83 write the full name of PSB</p> <p>Fungal cultural filtrate and toxin production: This part is required to re-write. Because sequence of process is not clear. Author mentioned that MTPA obtained from other sources and also mentioning the process of its preparation. Moreover, for the preparation of mM solution molecular weight is required. He can mention the molecular weight also.</p>	<p>In material & method section: Line No.60 susceptible cultivar has been added Line No. 83 the full name of PSB "potato sucrose broth" has been added Fungal cultural filtrate and toxin production: MTPA was prepared by the authors in the lab and not obtained from any other sources. Fourier-transform infrared spectroscopy (FTIR), high performance liquid chromatography (HPLC) and ¹H and ¹³C NMR spectral techniques were used to characterize the phytotoxin as 3-methylthiopropionic acid (MTPA) (Kankam et al., 2016)[16]. It had a molecular weight of 119.158 g/mol.</p> <p>Authors have already discussed symptom on tubers in comparison to control in their previous studies (Kankam et al., 2016a).</p>
Optional/General comments	If author observed any symptom on tubers in comparison to control. He can mention in discussion part for better explanation of the yield.	

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)	