



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2015_AJEA_17065
Title of the Manuscript:	Influence of Bioinorganic Combinations on Yield, Quality and Economics of Mungbean
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.

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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	In general, this paper is about the Influence of Bioinorganic Combinations on Yield, Quality and Economics of Mungbean. The paper could not be accepted in its current form. Please consider the following comments: Abstract: (i) The problem statement and motivation of study should be written clearly (ii) Please list down all bioorganic parameters used in this study (iii) Please highlight the conclusion from the obtained results Introduction (i) Please re-arrange your references. It should not be started with number 12 (ii) Please include the latest and current references 2012 onwards (iii) Please highlight the significant of nutrient management on crop productivity of Mungbean (iv) Please write in detail about the vermicompost and how it effect the crop productivity of plant (v) Please highlight clearly on the objectives of study Methodology (i) Please include the characteristic of Mungbean plant used in this study (ii) Please highlight al treatments and level (iii) Please provide references for the following statements:	Respected sir Thanks to your valuable comments and critically review of MS, I have been corrected and incorporated all suggestion as per my best with yellow marks, if there is any more correction I will do again. Corrections in MS as follows: ABSTRACT 1) Written clearly 2) list down all bioorganic parameters used in this study 3) Highlighted the conclusion from the obtained results INTRODUCTION 1) Rearrange all references 2) As possibly available references are add upto 2015. 3) also mention and highlighted with yellow marks 4) add and highlighted with references 5) add in 52-54 METHODOLOGY



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	(a) Recommended dose of fertilizer 20: 40:0 kg /ha (N₂:P₂O₅:K₂O) were applied as per treatments as basal dose at the time of sowing 59 in furrows at 30 cm apart in at the depth of 10 cm. (b) Temperature is known to have strong 71 effect on vegetative and reproductive phases. (c) The weather conditions 76 have greater influences on a crop like mungbean which requires particular temperature, 77 humidity and precipitation (iv) Please include the humidity of each weather data Result and discussion (i) Please provide a technical reason on effect of RDF, vermicompos and bio-fertilizers (Rhizobium and PSB) application on increment of plant height. Please provide the related and current references (ii) How protein and nutrient content uptake effect the productivity of Mungbean. Please provide the related and current references (iii) How vermicompost improve the physical, chemical and biological properties of soils. Please provide the related mechanism How synergism in Rhizobium and PSB resulted in better yield and nutrient content. Please provide explanation together with the related and current references	1) add crop varietal characteristics 2) highlight al treatments and level 2.3 3) provided all possible references 4) Add RH data RESULT AND DISCUSSION 1) Provided all clarifications and possible references 2) Mention in Introduction with references and also included references in Results and discussions 3) Mention with references 4) mention and code suitable references with highlighted
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		