



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	2014_JAERI_15450
Title of the Manuscript:	Evaluation of Potential Allelopathic relationship between Velvet bean (<i>Mucuna pruriens</i> var. <i>cochinchinensis</i>) and Speargrass (<i>Imperata cylindrica</i> (L.) Raeushel) with Selected methods
Type of the 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>)



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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	Title: The author's name of <i>Mucuna pruriens</i> should be given. Abstract: According to the instructions, abstract length is limited to 300 words. The Abstract should be divided to sub-sections, as given in the Guideline for authors. Materials and methods: Line 84 - Specify the amount of water in which 25 g of plant material were soaked. Specify the method used to estimate the dry weight of shoots and rhizomes. Results: Line 134 – „the mucuna parts incorporation reduced ~~mucuna~~ height” – must be changed to „..... reduced speargrass height” Line 143 – Table 1. The table does not contain data about the speargrass height. The title „Effect of soil incorporated mucuna plant parts on speargrass height, shoot number and biomass ” must be changed to „Effect of soil incorporated mucuna plant parts on speargrass shoot number and biomass ” Line 183 – The title of Table 2. must be changed to “Effect of mucuna plant part extract on speargrass height, shoot number and biomass” “Effect of mucuna plant part extract on speargrass shoot number and biomass” Discussion: Different viewpoints should be presented in Discussion. References: Ten of the thirteen references are older than 10 or even 20 years. Many important papers about allelopathy have been published in recent years. Cite the most recent references.	
Minor REVISION comments	Abstract: Line 8 – <i>Imperata cylindrica</i> – must be changed to <i>Imperata cylindrica</i>. Line 28 – <i>speargrass</i> - must not be italicize Key words: <i>Imperata</i> must be italicize, other words – not. The word “methods” is not suitable for keyword. Introduction: Lines 38, 40, 42, 50 – “Velvetbean” must be changed to “Velvet bean” Materials and methods: Line 61 - “screen house experiments” must be changed to “greenhouse experiments ”	



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	Lines 64, 77 –“Velvetbean” must be changed to “Velvet bean” Lines 77 – “Velvetbean (<i>Mucuna pruriens</i> DC var. <i>cochinchinensis</i>)” - Not require the full name of the plant in English and Latin to indicate each time. It is only required for the first mention of the plant. Line 97 – „treatment two (T 2) had three mucuna seeds” must be changed to „treatment two (T 2) had two mucuna seeds” Results: Lines 120, 121, 122, 133 –plot/s must be changed to pot/s Lines 120, 135, 164, 178 – “leave” must be changed to leaves. Figure 1. – Abbreviation “Nomuc” must be explained below the figure. Conclusion: Line 250 – “<i>Mucuna</i> ssp.” must be changed to <i>Mucuna pruriens</i> var. <i>cochinchinensis</i>. Need to write the Latin name of „speargrass”.	
<u>Optional/General</u> comments	The manuscript deals with the allelopathic relationship between <i>Mucuna pruriens</i> var. <i>cochinchinensis</i> and <i>Imperata cylindrica</i> . The authors presented a number of data in the manuscript and they are well documented.	

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