



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_28710
Title of the Manuscript:	Influence of in-situ soil water conservation practices on growth, yield and economics of large cardamom under rainfed condition at North East India
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>)



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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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	Comments are contained in text Comments on Ms_AJEA_28710: Influence of in-situ soil water conservation practices on growth, yield and economics of large cardamom under rainfed condition at North East India Abstract: Line 7; to read as '.....carried out during 2015 -2016 rain fed cropping season at ICRI (written in full and put in parenthesis) Regional Research station..... Line 9; laid out in a Randomized Lines 13-16: to read as 'In respect of large cardamom, significantly higher..... were recorded in trenches.... with biomass, followed by Line 18; to read as '.....filled with biomass, followed by..... Line 24; to read as '.....every clump, when compared with the control. Introduction: Line 33; to read as 'grown in tracks with... Line 38; to read as ' It is a shade loving plant..... Line 47; to read as 'In recent years, ...' Lines to 53 52; to read as '..... period; particularly under terrace..... Line 57; to read as 'To increase moisture availability..... Line 59; to read as '.....to increase infiltration by reducing rate of runoff.... Line 60; to read as 'impounding water on surface soil to	In background (yellow colour) 2nd Reviewer. Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected



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	increase opportunity time for infiltration' Line 61-62; to read as 'For improving growth and productivity' Lin 64; to read as 'The rain water harvesting techniques; like' Line 66; to read as ' mulch, will help moisture conservation during" Lines 67 to 68; to read as ' To increase moisture availability to agricultural crops in the field, increase infiltration of water into the crop root zone, ...' Line 70; to read as ' and development in these lands, it needs.....' Line 71; to read as '.....compartment bunding, ...' Line 72; to read as ...'tied ridges, furrows and compartment bunding.....' Line 73; to read as '.... In the rainfed region, water harvesting' Lines 75 to 76; to read as 'plant and animal materials; such as straw. tree leaves.....' Line 84; As excessive rainfall is shed drained the root zone, nutrient loss due to leaching is reduced. NOT UNDERSTOOD. What do you mean? Line 85; to read as '..... nutrients to the soil and improves physical, chemical and biological.....' Line 86; to read as '....properties of soil after decomposition; which Lines 88-89: to read as '.....Organic mulch not only conserve soil moisture, but also increase soil nutrients....' Lines 89-92; Is cardamom soil, plant, community or what? This statement is not understood Lines 93-96: Make statement more explicit relative to what cardamom is. Materials and Methods Line 98; to read as 'In the present investigation, attempt has been made to evaluate influence of	Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Delete this sentence. Marked in red. Corrected Corrected Corrected Cardamom soil Plant Corrected In India, two types of cardamom are grown 1) Small cardamom 2) Large cardamom. Cardamom means small cardamom only. In this study large cardamom plants used for
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[illegible]



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	Line 179; Do I understand this statement to imply 'highest costs involved treatment pits....' please re-write to convey meaning	
<u>Optional/General</u> comments	Well documented research	