

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_93486
Title of the Manuscript:	Effect of mulching on plant growth, yield and quality of French bean (<i>Phaseolus vulgaris</i> L.) cv. ArkaKomal
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:

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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	-	
Minor REVISION comments	<ul style="list-style-type: none"> • Abstract, 2nd line: from November -change preposition. • Abstract, 3rd line: regarding the cultivation-correct determiner usage; • Abstract, 3rd line: bean with -remove the space. • Introduction, 6th line: surface of the soil; 8th line, controlling the first stage – correct the usage of articles. • Introduction, 8th line: improving moisture and reducing-change the verb form. • Introduction, 12th line: causes diseases-remove the preposition "for. • Introduction, 12th line: That makes a decrease-add an article. • Pg. no.1, last line: during early periods- fix the agreement mistake. • Materials and Methods, 1st line : conducted from November- change the preposition. • Pg. no.2, A bit, 1st line: The growth parameters of French beans-add an article & fix the agreement mistake. • Pg. no.2, A bit, 2nd & 4th lines: whereas the maximum; the minimum- add an article. • Pg. no.2, A bit, last 4th line: controlling the first stage of drying which helps in improving- add an article & change the form of the verb respectively. • Pg. no.2, A bit, last 2nd line; some phytotoxic- correct your spelling. • Pg. no. 2, B bit, 2nd line: Whereas the minimum- add an article. • Pg. no.3, 5th line: to the preferential- add an article. • Conclusion, 2nd line: mulching materials-fix the agreement mistake. 	
Optional/General comments	<ul style="list-style-type: none"> ✚ The findings of the research suggest that Treatment 6 (Saw dust mulch) was most suitable for the farmers in terms of growth, yield, quality, and net returns. ✚ Mulching may be well-defined as a practice of covering the surface of the soil with these materials to reduce evaporation, besides moderating varied fluctuations in diurnal soil temperatures. It controls external evaporability and also reduces the energy supply to the evaporating site by cutting off solar radiation falling on the ground. ✚ The main function of mulching includes, controlling the first stage of drying which helps in improving moisture status, and reducing soil temperature in addition to checking seedling mortality and improving crop stand. It also suppresses weed flora thus making the greater availability of water and nutrients for crop plants. ✚ Furthermore, mulching helps in augmenting the downward movement of water. ✚ The tabular forms representing the Effect of different mulching on growth, yield, quality, and economics in addition to soil fertility of French beans have been finely executed. ✚ Thus, the manuscript has been succinctly elucidated. 	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Asma Jabeen
Department, University & Country	Indian Institute of Rice Research, Osmania University, India