Journal Name:	Asian Journal of Research in Botany
Manuscript Number:	**Ms_AJRIB_51501**
Title of the Manuscript:	**Growth and Yield of Chilli as Influenced by Plant Growth Regulators and Its Method of Application**
Type of the Article	**Original Research Article**

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SDI Review Form 1.6

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	**MATERIAL AND METHODS** **Experimental site** Providing weather information (temperature) and humidity. Provide more information on the physicochemical characteristics of the soil. **Experimental frame work** Modify "the Randomized Complete Block Design with three replications" to "factorial design in Randomized Complete Block with three replications". Actually it is a factorial experimental design with three factors (rather than two factors) as follows: • Factor-A, three levels of plant growth regulators (G_0- control, G_1- NAA, G_2 – Cytokinin); • Factor-B three different levels of application method (M_1- Seed soaking with plant growth regulators for 6 hours, M_2- Foliar spray growth regulators, M_3- Foliar spray with plant growth regulators at flower bud initiation stage). • Factor-C: Fertilizers at 210, 330, 200 kg and 10 ton per ha for urea, TSP, MP and cow dung, respectively. Based on the above, it is important to specify the experimental design taking into account the implementation of four types of fertilizations. **RESULTS AND DISCUSSION** **Plant height** The results of height growth of plants lack statistical support (standard deviation). Under a factorial design, the results of the interactions between the application of regulators and methods were not statistically discussed. The results on "**Effect of plant growth regulators on plant height"** of Figure 1 and the results on **"Effect of application method on plant height"** of Figure 2 lack the statistical support (standard deviation). These results were not compared with similar results of other authors. The effect of the application of fertilizers at 210, 330, and 200 kg per ton 10 has for urea, TSP, MP and cow dung, on the growth in height, were neither interpreted nor discussed in this section. Tables 2, 3, 4, 5, 6, 7, 8, 9, 10, place footnotes of the tables specifying the meaning of the letters in statistical terms. The results of Figures 3 and 4 lack of statistical information.	Respected Reviewer, Thank you for your valuable comments. Most of the corrections have been made according to your comments.
Minor REVISION comments	**Abstract** Line 11: add the following words to the keywords: "economic benefit". **Introduction** Add information on production and consumption Chilli *(Capsicum frutescens)* in Bangladesh. The introduction lacks information on the economic aspect of Chilli *(Capsicum frutescens)* in Bangladesh. **Number of branches per plant**	

	Specify why the number of branches (depending on regulators and methods), is expressed in centimeter?? Change the following lines: Line 112: “[10] reported that number…” to “Tiwari, and Singh, [10] reported that number…” Line 127: “Similar finding was recorded by [11]” to “Similar finding was recorded by Desai, [11]”. Line 174: “[14] found significant response…” to “Deb et al., [14] found significant response…” Line 190: “Similar results were noticed by [15]” to “Similar results were noticed by Revanappa, [15]. Line 205: “The finding was also supported by[16]” to “The finding was also supported by Hasanuzzaman et al.,[16]” Lines 223-224: “This result also is in agreement with the findings of [17]” to “This result also is in agreement with the findings of Bhalekar et al., [17]” Lines 251-252: “). [18] conducted a pot experiment on tomato and found maximum yield of tomato with NAA” to “. “Pargi, [18] conducted a pot experiment on tomato and found maximum yield of tomato with NAA”.	
Optional/General comments		

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)*	