

**Review Form 1.7**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_JABB_113308</b>
Title of the Manuscript:	<b>The impact of applying the growth retardant paclobutrazol at various timings on the quality of the strawberry cultivar Chandler (<i>Fragaria ananassa</i>) was investigated under Punjab conditions.</b>
Type of the Article	<b>Research article</b>

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>It can be improved for greater body and significance to the research</p> <p>It can be improved for greater body and significance to the research</p> <p>It can be improved for greater body and significance to the research</p> <p>It is a very topical research, very concise due to the use of growth regulator to improve the efficiency parameters of the plant, in the present research its results are very marked so a complementary analysis of the response surface would be advisable (the design of treatments is appropriate for this) in fact, the discussion of results suggests this suggestion since in Table 1 the quality parameters of 'Chandler' strawberry are presented, while in Figure 1, those results are again presented where it is possible to see the very marked quadratic response, which indicates that the possible range of response was effectively explored, in this way redundancy in the discussion of results would be avoided.</p> <p>Regarding the statistical analysis of a complete randomized block design to obtain the response surface, it could be through orthogonal polynomials for the treatments once the effect of the blocks is considered; The level of significance used is 0.05 (5%) and not 0.5 (which would be 50%), it also mentions that the comparison of paired means was used, the data shown does not correspond to this, rather it would be for the separation of means of treatment, the Least Significant Difference multiple range test was used (probability 0.05).</p> <p>Paclobutrazol is the successor to the growth regulator ALAR (SADH, succinic acid dimethyl hydrazide) that caused a lot of fury in apple cultivation in the early 80's of the last century given the properties of reducing vegetative growth, increasing fruit set and above all. all substantially improve the quality, storage capacity and shelf life of the apple, until it was publicly aired that it caused damage to health, so other options were sought, one of them is precisely Paclobutrazol, another is Prohexadione of calcium (Apogee), An exhaustive review would be important to verify that the regulator used does not have reports of undesirable side effects; also, a comparative and competitive analysis with other growth regulators in the market, which would give better body to the research and greater significance to the results.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	

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<b>Optional/General</b> comments		
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**PART 2:**

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

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