



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_37858
Title of the Manuscript:	Growth regulators on in vitro multiplication of yellow passion fruit
New Title of the Manuscript:	Cytokinin and auxin on <i>in vitro</i> multiplication of yellow passion fruit
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
I think the manuscript (English expression) still has some flaws. I have to say that it is doubtful whether the manuscript was reviewed in English. In addition to pointing out the flaws, I proposed the improvement of sentence expression below. If you agree with my pointing out, please refer to the indication and correct them. In Abstract Results: The absence of growth regulators promoted..... → The length of shoot and longest root, and root number were lower in the presence of BAP and NAA than the control (without BAP and NAA). The concentration of 0.5 mg L⁻¹ BAP without the addition of NAA in MS medium → BAP at 0.5 mg L⁻¹ without NAA showed highest number of leaves and the same dose combined with NAA....→ and the same dose of BAP with NAA, irrespective of the combination of NAA, showed highest number of shoots... (There is not significant difference in the shoot number between 0.5 mg L⁻¹ BAP and BAP+NAA. It is described in Line 101-102.) Conclusion: It is a grammatical mistake, isn't it? Regulators <u>of</u> steps: "of" must be eliminated. I think, however, the sentence, like below, would be better for the conclusion. → Cytokinin at low concentration is suitable for the proliferation of shoots and development of leaves. However, cytokinin and auxin is not preferred to the differentiation and growth of the roots. Yellow passion fruit might be efficiently multiplied by using different media for propagation of the shoots and differentiation of the roots, respectively. Introduction:	This time, the manuscript was reviewed in English by two professionals In Abstract Results: The sentences were modified according to the indication. Conclusion: It has been changed as suggested. Introduction: Line 26-27: the term "without" was changed "in the". Line 27: Suggestions were accepted. In Materials and Methods: Line60: The sentence was changed. Line62-66: Suggestions were accepted. Line 67: Suggestions were accepted. Line 75 and 76: Suggestions were accepted. In Results and Discussion: Line88: Suggestions were accepted. Line 93 and 94: Suggestions were accepted. Line 102: Suggestions were accepted.



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Line 26-27: “important role without plant growth mechanism”
The readers would have no idea what this clause means.
Line 27: isolated → single

Materials and Methods:
Line60: Tissue culture pH: this clause is worse than the original. → The pH of the culture medium....

Line62-66: Glass flasks with 300 ml capacity....→ The autoclaved culture medium of 30 ml was dispensed in sterilized glass flask of 300 ml under aseptic condition.
• after inoculation → After inoculation of explants, the flask was sealed with aluminum foil, and remained

Line67: After 60 days of culture, the number of leaves, shoots and roots, and the length of shoot and the longest root were measured.
(not use average: The representative value (like average) is not data used for the analysis.)

Line75: later → The data were then submitted to analysis
Line76: the growth regulator (without and with the presence of ANA)
→ the BAP (with and without NAA)

Results and Discussion:
Line88: BAP and in the absence of NAA → BAP without NAA
Line 93: the subject is inappropriate.
The number of leaves differed significantly between 0.5 and 2.5 mg L⁻¹ in the presence of NAA
Line 94: however the other doses showed no differences → although no differences were found between 0.5 mg L⁻¹ and the other doses.
Line 94: observed → found
Line102: the same dose in auxin absence → the same dose of BAP without NAA
Line 102-104: When comparing the doses, ... What does this sentence mean?
Line 105: tissue culture → culture medium
Line 105: This sentence should be “only the 1.5mg L⁻¹ BAP showed a significant difference with the other doses”.
Line107: Soares, using nodal segments from native *Passiflora* species, reported that the highest shoot number was found at 2.0 mg L⁻¹ BAP in *P. setacea*
Line 109: What does the clause after “again” mean?
Line 112: “differing statistically from the tested doses” should be eliminated.
Line 113: observed at of 0.5 mg L⁻¹ “of” should be eliminated.
Line 115: the effect of 0.5 mg L⁻¹ BAP was significantly higher than that of the other doses except 1.0 mg L⁻¹.
Line 116: auxin → NAA; doses → BAP doses
Line 117: obtained → found (the verb “obtain” is non-objective word and thus not-suitable for the expression of the Results and Discussion.
Line118: Regarding the doses of NAA, ?? The concentration of NAA must be

Line 102-104: The sentence was changed.

Line 105: Suggestions were accepted.

Line 107: Suggestions were accepted.

Line 109: The sentence was changed.

Line 112: Suggestions were accepted.

Line 113: Suggestions were accepted.

Line 115: Suggestions were accepted.

Line 116: Suggestions were accepted.

Line 117: Suggestions were accepted.

Line 118: Suggestions were accepted.

Line 120: Suggestions were accepted.

Line 121: Suggestions were accepted.

Line 125 and 126: Suggestions were accepted.

Line 126: Suggestions were accepted.

Line 127: Suggestions were accepted.

Line 129: Suggestions were accepted.

Line 131: Suggestions were accepted.

In Conclusion
The conclusion has been modified as indicated.



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single. Dose the sentence like below describe what you intend to express? “Regarding the effect of BPA doses, the higher the dose in the culture medium, the shorter the length of the shoots; the length in 2.5mg L⁻¹ was 74.9% of that in 0.5 mg L⁻¹.” Line 120: found → reported; who obtained → who found Line121: in which higher concentrations of BAP resulted in smaller shoot lengths. Line 125-126: The highest means of roots number and roots length were found in the control. Line 126: When comparing doses → When comparing the effect of BAP doses, Line127: although there was no significant difference between 0.5 and 1.0 mg L⁻¹, the roots number in 1.0 mg L⁻¹ was significantly higher than the other higher doses. Line 129: below “but” should be eliminated, because non-significant difference was mentioned in the main clause of sentence. Line131: In <i>P.foetida</i>, Anand et al. observed Conclusion See the Abstract	
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