



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_44059
Title of the Manuscript:	Postharvest quality of banana 'Prata Anã' treated with microalgae coating
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The authors were asked and should seriously improve English in the ms during the initial evaluation. Actually they made the abstract more vague (see the description of Results. Is there anyone to understand what was found in the study?) and English still need clarifications. As an example in abstract conclusions they should write: The <i>Spirulina platensis</i>, <i>Chlorella</i> sp., and <i>Scenedesmus</i> sp. delayed ripening, maintained pulp firmness, and decreased fresh mass loss, extending fruit conservation to eight days. Untreated fruits ripened fast, lost significant fresh weight, and softened ... In Table 1 again it is clear that coatings did almost nothing to the fruit color besides peel hue. Why you do not show a* values for peel and pulp? In Fig. 1 and all others the treatment legend is Control I cannot accept that mass losses of >15% keep a fruit marketable. Also, I cannot accept that acidity increased 4-fold with ripening. When acidity is 1% in all fruits I know, the juice pH is close to 3. Your pH is close to 4.5. Check the calculations, it is obscure. Fig 5, B and C. Due to low R² in coating treatments the lines make no sense and there is no increase or decrease over time for SS/TA and soluble sugars. Only the control fruit showed the expected ripening changes. And here the significant decrease after the 6th day should be explained. Also, how do you explain the increase in soluble solids and no change in soluble sugars in the coated fruit? Is it all acids and solubilized pectins? Did the fruit sweeten at all, as SS/TA did not show any trend for the coating treatments.	

Reviewer Details:

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