

-----Original Message-----

From: XXX YYY<xxx@yyy.zzz>

Sent: Wed, Nov 6, 2013 at 4:28 PM

To: Managing Editor

Subject: Re: Request for final decision for manuscript number 2013_AJEA_6480

After reading the reviews and remarks of the referees along with the answers by the authors and the revised version of their manuscript I would suggest publication of this manuscript after taking into consideration my remarks listed below.

Although genetics is not my field of expertise, I would like to have seen if there was really any mutagenesis, since all treated seeds responded extremely well compared to control. Another thing to mention is the control treatment. Were these seeds soaked in a solution without colchicine for four hours? Could the immersion in this solution have soaked seeds coating, making them soft, thus making easier for the seeds to germinate? This is a way of breaking seed dormancy which is attributed to hard coatings. Furthermore, I do not quite understand the experimental design. The authors speak of a block design, but I was not able to see the source of variation which has driven them to use blocks. It seems to me that the experiment fits better to completely randomized design or must be properly described. I would also like to see more assumptions in the discussion (although I admit this is difficult) on the possible ways colchicine acted, as all treated plants were superior than control (which is quite peculiar to me, since it seems that all mutations are superior).

These remarks of mine are of minor significance but they could improve the quality of the manuscript, so I would urge the authors to consider them and try to respond.

Editor's Details:

Peter A. Roussos

Lab. Pomology, Agricultural University of Athens, Greece

Note: Modification was done in this document ONLY to hide the email id.