

Review Form 3

Journal Name:	European Journal of Nutrition & Food Safety
Manuscript Number:	Ms_EJNFS_121488
Title of the Manuscript:	Evaluation of elite mulberry genotypes for fruit yield and biochemical compositions
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The importance of mulberry fruit is well proven in nutraceutical potential in preventing various health related issues and as a common ingredient in various cosmetic products. In this regard, the present manuscript is focusing on fruits producing genotypes is acceptable.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>YES. It is appropriate with the content presented.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Abstract is not comprehensive, it should be highlighted with the importance of mulberry fruit (core concept) and future utilization of research finding along with presented abstract.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Needs minor changes Methodology subheadings. 1. Procedure for fruit characterization, 2. Estimation of biochemical & nutritional composition (detailed methodology so that others can follow) 3. Statistical analysis. In Results & Discussion 1. Fruits traits 2. Biochemical composition 3. Nutritional composition 4. Association studies (Correlation): additionally suggested</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript included the biochemical & nutritional composition of mulberry fruits, which is treated as by-product of mulberry plant/sericulture industry because mulberry leaves only feed for the silkworm (<i>Bombyx mori</i>). Mulberry fruits are rich in many nutraceutical components which are helpful for preventing health related issues and other cosmetic products.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>YES.</p>	

Review Form 3

<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Language need to be improved throughout the manuscript.</p>	
<p>Optional/General comments</p>	<p>Manuscript can be improved by addressing these below points.</p> <p>In methodology:</p> <ol style="list-style-type: none"> 1.Basis for selecting only these eight genotypes from germplasm lot (pedigree information). 2.How many years allowed for establishment of plantation (only five months is not sufficient for establishment & know the potential of cultivar). 3.Majorly the protocol/ procedure for estimation of biochemical's (TSS, Carbohydrates', proteins, Vitamin C, P, K, Ca, Mg, Fe, Zn, Cu, Mn are missing in the methodology (so that other researchers can follow) 4.What is basis for M-5 taken as check variety? <p>In Results & Discussion:</p> <ol style="list-style-type: none"> 1.ANOVA (Analysis of Variance) may be included to check the variation among the different genotypes for traits studied. 2.No. of fruits per plant & fruit yield per plant was very less compared to reference quoted in the article. This is due to age of the plantation. 3.Any association (correlation) between biochemical's, nutritional & fruit traits may be drawn. 4.Research output may be compared with standard check genotype utilized in the study (Most of the genotypes performed least compared to check) and discuss. <p>Results & discussion may be written comprehensively with three main heading like fruit traits, biochemical, nutritional composition and association studies.</p>	

PART 2:

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

Reviewer Details:

<p>Name:</p>	<p>Yallappa Harijan</p>
<p>Department, University & Country</p>	<p>Central Sericultural Research and Training Institute, India</p>