



SDI Review Form 1.6

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_46028
Title of the Manuscript:	Influence of Foliar Application with Plant Aqueous Extracts on Growth, Yield and Chemical Constituents of Chamomile
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<p>Title: Influence of...and Phytochemical...</p> <p>Abstract: Too wordy. Start with purpose of study, brief methodology, quantitative results and/or conclusion/recommendation.</p> <p>Keywords: 5-8 major keywords arranged in an alphabetical order. The keywords presented are not okay.</p> <p>Introduction: Poorly done with poor literature review. No attempt to give information on the past and current work carried out by other author (s) with regards to the present study. Have the extracts been used before, what has been the results. If not, why there being used? And what do you intend to achieve (expected results/findings)? The first sentence need reference (s). Information on the plant materials used for the extracts need to be moved to materials and methods.</p> <p>Purpose of study: the set objective (s) is/are not in line with the title of the study or the statement of the problem. The word "biological activities" is not proper. Do you mean "biochemical or phytochemical"? There is nothing in both the methodology and results that indicates biological study.</p> <p>Methodology: This is poorly done Start with study location, experimental treatments/design, experimental setup, treatments extraction and application, data collection, detailed plant sample analysis, etc. In Pg 3, experiment set up should be experimental setup. The word "<u>seeds were sown</u>" what seeds? The plastic pots used: what is the size/Vol of the plastic pot? Quantity of the soil materials used is required. The experimental design used as RCBD instead of CRD is not proper. It's only a single treatment effect and especially when in a pot study. You said that the vol of the extracts was increased instead of were increased with increasing plant growth. The question is, why and to what %? What is the wetting agent used for? Note that, detailed methodology requires it should be reproducible.</p> <p>Results and discussion: present results as in Table 1, 2, 3... not table (1). Note: ...extracts as shown in Table (1) should be corrected to, ... extracts (Table 1). Table 1 title should be: some chemical and biochemical properties of... Remove the "physical" it's not application. Remove all the grid lines in Tables 1-10 unless it's the journals' format. The footnote n=3 is not applicable. It is not indicated anywhere in the table. In page 4, you presented LSD (0.05) but in the presentation of results DMRT mean separation with letters a-d were used. Why? Table 1: the heading, plant water extracts. Table 2 and not, Table (2). Tables 2, 3, 4, 9 and 10: delete foliar applications and replace with plant extracts as shown below. Table 4; yield attributes Write figure 1 or 2 not, figure (1) or (2). The title: "chemical analyses of chemomile samples" should be titles; "phytochemical constituents" of ...</p>	Corrections done as per reviewers comments.



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	<p>Reviewed table format:</p> <table border="1"> <thead> <tr> <th rowspan="2">Cropping seasons</th><th rowspan="2">Growth attributes</th><th colspan="5">Plant extracts</th></tr> <tr> <th>Control</th><th>Rosette</th><th>Turmeric</th><th>Safflower</th><th>Red bet</th></tr> </thead> <tbody> <tr> <td></td><td>Plant height(cm)</td><td>21.17±2.31</td><td></td><td></td><td></td><td></td></tr> <tr> <td>2016/2017</td><td>No of branches</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td>Shoot f.wt</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td>Shoot d.wt</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td>Plant height(cm)</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>2016/2017</td><td>No of branches</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td>Shoot f.wt</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td>Shoot d.wt</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>You may use the above format without gridlines for Tables 2 and 3 or the format below</p> <table border="1"> <thead> <tr> <th rowspan="2">Growth attributes</th><th colspan="5">Plant extracts</th></tr> <tr> <th>Control</th><th>Rosette</th><th>Turmeric</th><th>Safflower</th><th>Red bet</th></tr> </thead> <tbody> <tr> <td></td><td colspan="5">2016/2017</td></tr> <tr> <td>Plant height(cm)</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>No of branches</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Shoot f.wt</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Shoot d.wt</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td colspan="5">2016/2017</td></tr> <tr> <td>Plant height(cm)</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>No of branches</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Shoot f.wt</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Shoot d.wt</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>Tables 5 and 6, remove titles from the inside of the tables and remove the gridlines too The term first season 2017/2018 should be, first <u>cropping</u> seasons</p> <p>In Tables 5, 6, 7, 8, 9 and 10, give the appropriate title; chemical, biochemical or phytochemical constituent. Check your literatures. Conclusion: Recast References: 80% of your references are outdated. Why are the references cited in the test and reference section bolded? The references in the test should be in numerical format and according to the way there are presented in the reference section. Italicize all the journals. Use the journal format or otherwise the new APA format.</p>	Cropping seasons	Growth attributes	Plant extracts					Control	Rosette	Turmeric	Safflower	Red bet		Plant height(cm)	21.17±2.31					2016/2017	No of branches							Shoot f.wt							Shoot d.wt							Plant height(cm)						2016/2017	No of branches							Shoot f.wt							Shoot d.wt						Growth attributes	Plant extracts					Control	Rosette	Turmeric	Safflower	Red bet		2016/2017					Plant height(cm)						No of branches						Shoot f.wt						Shoot d.wt							2016/2017					Plant height(cm)						No of branches						Shoot f.wt						Shoot d.wt						
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Minor REVISION comments	<p>The abstract, results and discussions are wordy and lengthy. Combine the presentation of results and discussion together. Present a brief quantitative result, state the Tables and figures, interpret the results and discuss the major findings. Compare your findings/results with previous studies and compare the similarity and/or the differences and give reasons why the similarity and/or the differences. Conduct a correlation study to relate extracts with the constituents.</p>																																																																																																																																												
Optional/General comments	<p>The manuscript is publishable but requires a major revision before accepting for possible publication.</p>																																																																																																																																												



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PART 2:

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