

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_116149
Title of the Manuscript:	Effect of integrated nutrient management on quality and nutrient uptake by chickpea (Cicer Arietinum L.)
Type of the Article	

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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The article is original and includes important issues and analyses to the effect of integrated nutrient management on quality and nutrient uptake by chickpea (Cicer Arietinum L.) in the Research Farm Career Point University, Kota.</p> <p>Total NPK and protein content in grain as well as total the fertilizers uptake and protein yield by grain were studied.</p> <p>This research is deserves attention, because chemical fertilizers are playing a crucial role to meet the nutrient requirement of the Chickpea. But is need to change the trend of dependency on chemical fertilizer and hence to integrated nutrient management is applied to get better yield with minimum use of chemical fertilizers. Studies reported improvement in yield and organic nitrogen fixation the of Rhizobium inoculation has been in chickpea. Therefore is an need to reduce the usage of chemical fertilizers and in turn increase in the usage of rhizobium which needed to check the yield and quality levels.</p> <p>The article is structured correctly and written in a good style, and the terminology used is correct. From the literature review, which includes 4 literature sources, it is clear that the author does not knows well the state of the problem, from which he and there is no correctly formulates the main goal and objectives of the study. The results of the experiments are presented on 5 pages and are illustrated with 2 tables, consistent with the specifics of specific indicators.</p> <p>The obtained results are interpreted correctly and a good statistical processing of the data has been made, which allows making reliable and substantiated conclusions.</p> <p>Recommendation: The article is well structured and presented, but I have recommendations for the author.</p> <p>The research methodology not indicated that the study was conducted over two years, but and is mentioned briefly in the results. Nowhere in the results is it described whether the obtained data are the same or have discrepancies over the years of research. Please describe whether the data are identical or require another year of study for confirmation.</p> <p>It is also necessary to update the literature used with new sources after the year 2000.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The language quality of the article is suitable for scholarly communications.</p> <p>The exact terminologies and assay names used in the study were used.</p>	
<p>Optional/General comments</p>		

[Review Form 1.7](#)

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>	

Reviewer Details:

Name:	Elena Nikolova-Kostadinova
Department, University & Country	Germany