

Review Form 1.7

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_112399
Title of the Manuscript:	Optimization of chemical fertilizer through Integrated Nutrient Management (INM) approach and its effect on growth and yield of Mustard (Brassica juncea L.)
Type of the Article	Original Research 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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Considering the changes in the global climate in order to reduce the existing gap between production and demand, there is an urgent need to improve and breed high-yielding oil species of Brassica genus with resistance to these changes through agronomic and breeding efforts. Indian mustard (Brassica juncea), which is also known as Chinese mustard, oriental mustard and other different names, is a species of the Brassicaceae family and a close relative of rapeseed. Similar oil and meal quality is grown in low rainfall regions of the world. This product has several advantages, including fast growth, tolerance to black stem disease and tolerance to fall compared to canola, and as a relatively new product, it has been modified and selected.</p> <p>2. The title of this manuscript is appropriate.</p> <p>3. In the abstract section, it is suggested to add more information about the importance of organic cultivation of oil products.</p> <p>4. This manuscript is generally well written.</p> <p>5. In some parts, more appropriate words can be used so that the reader has a better understanding of the content.</p> <p>6. In the sources section, it can be said that relatively up-to-date sources have been used.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. Yes it's good . Only newer words can be used.</p>	
<p>Optional/General comments</p>	<p>Chemical fertilizers have a significant impact on food production in the world and are one of the most important components in today's agriculture. But in many cases, excessive use of chemical fertilizers causes environmental damage, which in turn increases the cost. In order to reduce these risks, resources and inputs must be used that, in addition to meeting plant needs, also ensure the long-term sustainability of the agricultural system. In this manuscript, this topic is well explained on the oil plant Brassica juncea.</p>	

PART 2:

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

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