

Review Form 1.7

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_115111
Title of the Manuscript:	Studies on Creation of Operational range of soil fertility to evolve Fertilizer Prescription Equations under Soil Test Crop Response correlation studies on Rainfed Bt cotton
Type of the 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:

(<https://www.journalair.com/index.php/AIR/editorial-policy>)

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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)
<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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Cotton yield research is very important and relevant.</p> <p>2. No. I think the article should be called better - Cotton yield under different rates of fertilization and under different agro-backgrounds.</p> <p>3. No. In the abstract, it is necessary to briefly indicate the purpose of the study, methods, results and conclusions.</p> <p>4. Yes.</p> <p>5. It is difficult to evaluate due to the incomplete presentation of research materials.</p> <p>6. There is no literature review at all.</p> <p>In the second section, it is necessary to specify the methods of determining the agrochemical parameters of the soil, the scheme of the experiment, the geographical location of the experimental site, the used mathematical and statistical analysis, and the software for processing the research results.</p> <p>Specify the content of organic carbon in the soil.</p> <p>Specify the terms and rate of sowing crops.</p> <p>It is better to describe the scheme of the experiment in the form of a block diagram or table.</p> <p>Explain in more detail the principle of determining the used rate of fertilizers.</p> <p>Describe the technological operations carried out at the experimental site.</p> <p>Clearly indicate which fertilizers were used and in what quantity, when and how they were applied.</p> <p>It is necessary to demonstrate the results of mathematical analysis.</p> <p>Dmytruk Y., Dent D. (eds) Soils Under Stress. Springer, Cham, 255 DOI: 10.1007/978-3-030-68394-8 etc.</p> <p>Yurii Dehtiarov, Vasyl Degtyarjov, Olena Chekar, Stanislav Krokhin, Vitaliy Ryshkin. Influence of drip irrigation on the chemical parameters of typical chernozem. – Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1, 2021.– p. 68-75</p> <p>Rozhkov, A., Mohammed, T., Karpuk, L., Sviridova, L., Shevchenko, M., Ogurtsov, E., Romanova, T., Bragin, O., Kutsegub, G. The influence of seed sowing norms rate and row spacing on the yield of sorghum grain grown at eastern forest-steppe of Ukraine. International Journal of Postharvest Technology and Innovation. 2020. Vol. 7. Issue 3. pp. 237–255. DOI: 10.1504/IJPTI.2020.110444</p> <p>Kudria N., Kudria S., Dehtiarova Z. Influence of precursors on biometric indicators and yield of winter wheat in different agrobiocenoses. Scientific Papers. Series A. Agronomy. 2021. Vol. LXIV, Issue 1, P. 430-436.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The level of English needs to be improved.</p>	
<p>Optional/General comments</p>		

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

Reviewer Details:

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