

**Review Form 3**

Journal Name:	<b>Journal of Scientific Research and Reports</b>
Manuscript Number:	<b>Ms_JSRR_122098</b>
Title of the Manuscript:	<b>Response of Sweet Corn to Nano Urea under Precision Nitrogen Management</b>
Type of the Article	<b>Original Research Article</b>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> 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>
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.	Although conventional urea is easily available, due to its higher solubility, nutrient loss is more. To enhance nitrogen use efficiency and minimize N losses, combined use of conventional urea and nano urea is good for crop production.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	<ul style="list-style-type: none"> <li>➤ Source of N for basal may be given</li> <li>➤ nano urea 0.4% may be given as 0.4% nano urea or nano urea@ 0.4 %</li> <li>➤ Proper conclusion may be given</li> <li>➤ Instead of alphabetical arrangements Key words may be given as nano urea, leaf colour chart, sweet corn, growth, yield, economics</li> </ul>	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The experiments were conducted in two season and the authors followed proper methodology and experimental design. Hence it is technically sound	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes , a few may be given introduction	

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>Abstract</b></p> <ul style="list-style-type: none"> <li>➤ Source of N for basal may be given</li> <li>➤ nano urea 0.4% may be given as 0.4% nano urea or nano urea@ 0.4 %</li> <li>➤ Proper conclusion may be given</li> <li>➤ Instead of alphabetical arrangements Key words may be arranged as nano urea, leaf colour chart, sweet corn, growth, yield, economics</li> <li>➤ Joining of words may be avoided throughout the text</li> </ul> <p><b>Introduction</b></p> <ul style="list-style-type: none"> <li>➤ Constraints of sweet corn production and needs of nano urea than conventional urea for sweet corn may be incorporated under introduction.</li> </ul> <p><b>Materials and methods</b></p> <ul style="list-style-type: none"> <li>➤ Authors included micro nutrients status but which are included in treatments, so if it is essential only it may be included</li> <li>➤ Authors are requested to clarify at what basis 0.4 % nano urea was chosen for foliar spray</li> <li>➤ Authors are requested to include at how many days interval chlorophyll content was estimated for foliar spray</li> </ul> <p><b>Results and discussion</b></p> <ul style="list-style-type: none"> <li>➤ Similar kinds of results were obtained on 60 DAS and at Harvest, hence, results may be combined</li> <li>➤ Per cent increase over control may given for DMP and green cob yield</li> <li>➤ For field experiments, DMP may be given as kg/ha instead of g/plant</li> </ul> <p><b>Conclusion</b></p> <ul style="list-style-type: none"> <li>➤ The experiments were conducted in one location, hence Multiple conclusion and recommendation may be avoided</li> <li>➤ Proper conclusion and recommendation may be given based on yield and economics</li> </ul>	
<p><b>Optional/General</b> comments</p>	<p>It is a good work, may be accepted for publication after carryout the correction</p>	

**PART 2:**

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

**Reviewer Details:**

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<p>Department, University &amp; Country</p>	<p><b>Dr. M. S. Swaminathan Agricultural College and Research Institute, Tamil Nadu Agricultural University, India</b></p>