

Review Form 3

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_127810
Title of the Manuscript:	Effect of Unmanned Aerial Vehicle Sprayed Herbicides on the soil properties and nutrient availability in Rabi Groundnut
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	Herbicide spray application using a knapsack sprayer is a conventional method usually adopted by most farmers. Unmanned aerial vehicles are an emerging technology to the more sustainable use of pesticides/herbicides. however, these potential benefits drones can help the farmers in avoiding the troubles of manual spray in conjunction with the benefits of green technology. Here, different doses of herbicides; spray height and volume of sprayer; UAV and manual knapsack sprayer were used to see the effect of soil physico-chemical properties and available nutrients.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes – It may alter like “Effect of herbicides application by Unmanned Aerial Vehicle on the soil properties and nutrient availability in Rabi Groundnut”	
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.	Yes	
Is the manuscript scientifically, correct? Please write here.	<ol style="list-style-type: none"> 1. It is okay as different doses of herbicides; spray height and volume of sprayer, UAV and manual knapsack sprayer were used to see the effect of herbicides on the soil properties and nutrient availability in rabi groundnut. Scientifically correct. 2. The author can trial with different dose of fertilizers to check the accurate nutrient availability in rabi groundnut. 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, but it must be numbered according to the journal's guidelines and style.	
Is the language/English quality of the article suitable for scholarly communications?	Yes, Needs revision.	
Optional/General comments	<ol style="list-style-type: none"> 1. Starting from introduction with section 1. subsections need be numbered according to the journal's guidelines and style. (https://peerreviewcentral.com/page/general-guideline-for-authors). 2. The references list should be reformatted according to the journal's guidelines and style. Please consider this comment for all references. 3. References must be numbered in the order that they appear in the text. In the text, citations should be indicated by the reference number in brackets [3]. Every reference referred in the text must also present in the reference list and vice versa. 	

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:	Sivanantha J
Department, University & Country	Vasantham Agricultural Institute, India