

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_97087
Title of the Manuscript:	Development and performance assessment of real-time rotational speed measurement system for agricultural application
Type of the Article	Original Research 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.journalijpss.com/index.php/IJPSS/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. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. In Fig 1 the distance between the sensor and target is more than 5mm, where as In table 2 it is mentioned as 2 to 5mm. Any standards related to spacing between the sensor and target need to be addressed.</p> <p>2. In Table-3, explain the F and p value significance and under source what are the working conditions, details are missing and the effect has to explained under each working condition.</p> <p>3. Under Results and discussion it is mentioned as "Due to high intensity of light (59000 lux), IR sensor and optical proximity sensor were not responding to the rotational speed because they work on the principle of reflection from the surface", when these are not responding then how did the values in Table-4 are obtained.</p> <p>4. Stepper motor rating and details are not shown</p> <p>5. In Fig 3, indicate sensor and target and show the distance between them</p> <p>6. It is mentioned as Contactless tachometer was used, the results obtained from tachometer are not shown in the paper.</p> <p>7. Validation of results is not done and has to be explained comparing with standard instrument</p> <p>8. Table-4, Aa, ABa, Ca, Ab, Bb, Cb, Ac, ABc, Cc, etc. what does these indicate under each sensor data</p>	
<p>Optional/General comments</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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