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REVIEWER'S REPORT

Manuscript No.: JNAVS -075

Title: PRECISION AGRICULTURE AND SMART FARMING: DIGITAL TECHNOLOGIES FOR SUSTAINABLE CROP PRODUCTION.

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		...		
Techn. Quality		...		
Clarity			...	
Significance	...			

Reviewer Id: JPR-123

Reviewer's Comment for Publication.

The manuscript provides a relevant and well-structured narrative review of precision agriculture and smart farming, covering important technologies such as satellite remote sensing, drones, soil and environmental sensors, GIS, automated machinery, precision irrigation, variable-rate nutrient management, pest and disease monitoring, data analytics, and artificial intelligence. The manuscript clearly discusses both the potential benefits and limitations of digital agriculture and appropriately emphasizes that technology should be combined with agronomic knowledge and field verification. The sections on adoption barriers, smallholder agriculture, data ownership, interoperability, and future research are particularly useful and increase the practical significance of the review. However, some minor improvements are recommended before publication. The literature review should be supported by a broader range of recent peer-reviewed studies, particularly from the last five years, and the methodology of the narrative review should be described in slightly greater detail, including the approach used to identify and select the literature. Some general statements regarding environmental and economic benefits should also be supported with specific recent evidence. The references should be checked for consistency with the journal's formatting requirements, and the author contribution, conflict of interest, funding, and ethical statements should be completed with actual author-specific information rather than illustrative wording. Overall, the manuscript is clear, informative, relevant, and potentially valuable to researchers, agricultural professionals, and policymakers, and it can be accepted after incorporation of these minor revisions.