

Review of: "Revolutionizing Precision Agriculture with Drone-Based Imaging and Fuzzy Intelligent Algorithms"

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Potential competing interests: No potential competing interests to declare.

1. Flow of the entire writing is not clear.
2. The introduction is vague, discussing weather data and the number of accidents by drones. It needs refinement in precision agriculture, current practices, challenges faced, the role of drones, and then precisely stating key contributions/objectives of the study.
3. This manuscript needs a strong revision in terms of grammatical errors and correct usage of phrases at many places.
4. Sufficient references are lacking in the current version.
5. In the LR section, flow is missing and is not properly organized.
6. The methodology diagram is unclear as Fig.1 is related to the use of spraying techniques using a drone; however, the discussion on the recognition of diseases in paddy is very little.
7. Discussion on the dataset, samples, technical specifications of the drone, image resolution, study area, etc., needs to be added.
8. The fuzzy algorithm specified through equations is unclear and lacks a few additional equations and associated theories.
9. The Results and Discussion section should be revised carefully, including the performance metrics and comparative analysis with existing techniques.

In the current version, only snapshots of results are presented. Input and degree of membership are not clear from the presented results in Fig.10.

Overall, I believe this manuscript is at a preliminary stage, requiring a stronger revision.