

# **Applicability of Rotary UAV(Unmanned Aerial Vehicle) for Vegetable Crop Investigation**

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**Key words:** Photogrammetry; UAV(Unmanned Aerial Vehicle), Crop, Investigation, Vegetable, Mapping

## **SUMMARY**

UAV(Unmanned Aerial Vehicle) has been used in the wide fields such as a military reconnaissance, a heritage site documentation, a precise agriculture mapping, a construction site mapping, etc. around the globe. But, UAV is unfortunately in its infancy in most of the field, especially in the private sector in South Korea. Therefore, most UAV vendors are trying to explore the new killer applications and promote sales in South Korea. This study deals with the applicability of Ultra-light rotary UAV for vegetable crop investigation. The result shows that UAV photogrammetry proves to be very reasonable to see how well vegetable grows, especially in inaccessible areas and in dangerous sites.