Result of rice growth monitoring using small UAV from 2014 - 2015

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The purpose of this study is to monitor the growth of rice using UAV (Unmanned Aerial Vehicle) from 2014 –2015.The data collected were used to determine whether topdressing was required, assess the potential for lodging, estimate yield, create maps of rice growth for estimating eating quality. The monitoring of rice growth using UAV is both safe and cost effective for individual farmers. By producing objective data and maps for assessments of topdressing, lodging, yield, and eating quality, the findings presented here were shown to be useful for the detailed management of crop growth in fields.

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