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Yield Estimation and Drought Monitoring Through Image Processing Using MATLAB

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Abstract

This paper elucidates the pre-harvest yield estimation method and technique for cotton crop by image processing. This pixel-based image analysis of image processing is done using the image processing toolbox of the MATLAB 2019b. The images for abovementioned purpose are taken through camera armed drone (quadrotor). Further, there is a need for a better and transparent surveying method to assess the eligibility of a particular farm, for claiming the agricultural insurance. From the findings of proposed research, a suggestion for Agriculture Insurance Companies