

Purposes

Our aim is to create a program that informs the harvest time of the photos taken with a camera set up in a garden, by subjecting them to some processes in the system.





Flemmer et al. aimed at remote controlled kiwi harvest in the design they made in 2007. With this design, they were able to collect 14,000 kiwis per hour. After taking the image with the camera system attached to the arms of the robot and processing it, they defined the fruit as. They harvested the fruit by rotating the fruit on its own axis according to the fruit firmness determined as a result of the hardness measurement and by means of arms with 360 degree mobility.







Results

• We passed the pictures taken by the camera through the image processing stages and obtained a printout about the type of product.

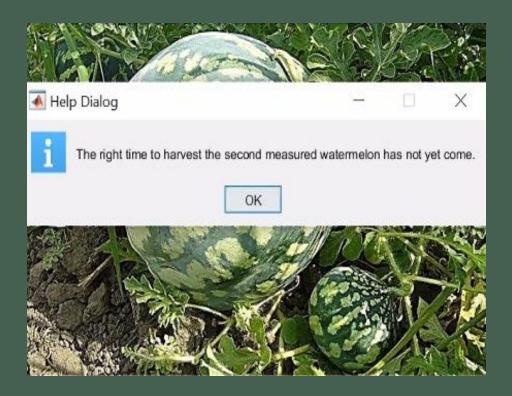






We made a maturity determination according to the diameter for the products whose diameter largely depends on whether they are ripe or not.





Suggestions



THANKS FOR LISTENING.

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