Abstract

This paper observes the possibility of volume estimate of mango using image processing technique that are used in commercial packaging industry for increase the quality of fruits. Image processing is used to provide automation and cost-effective service to packaging industry for volume estimation of mango. Sizes featured are extracted from digit profile image using many image processing technique. The volume of fruit is obtained using single or multiple camera setups. The sizes featured are used to estimated volume of mango and compare with actual volume of mango. That program can measure the size property of mango such as height, width and area from image but there is one problem is that the size feature of mango is not accurate. We have to done some changes to achieve high accuracy of size featured of mango.

References

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**Index Terms**

Computer Science  
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Keywords

Fruit, Volume measurement, Segmentation.