













Spectrophotometer. For characteristic of sweet oranges, it has hill waves starting from *jeruk manis 1* until *jeruk manis 10*. Meanwhile, characteristic of acid oranges has not hill waves starting from *jeruk kecut 1* until *jeruk kecut 10*. On the classification of sweet oranges and acid oranges, it is 23 correct data from 40 data obtained a percentage of 67.5 %. This study can be conducted further for determining characteristics on other fruits using UV-Vis Spectrophotometer. K-Nearest Neighbor is recommended using for processing data on classification.

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