

**JAMUR PASCAPANEN PADA BUAH PEPAYA  
(*Carica papaya* L) DI PEDAGANG PASAR KOTA PADANG**

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## **ABSTRAK**

Buah pepaya (*Carica papaya* L) yang penanganan panen dan pascapanen kurang sempurna rentan terserang jamur baik patogen maupun non patogen, maka perlu dilakukan penelitian yang bertujuan untuk mengetahui jenis jamur dan persentase jamur yang berasosiasi dengan buah pepaya pada pedagang pasar di Kota Padang. Penelitian diawali dengan pengambilan sampel buah pepaya yang bergejala jamur di pasar tradisional selanjtnya dilakukan isolasi, pengamatan morfologi dan inokulasi. Hasil penelitian menunjukkan bahwa terdapat 8 jenis jamur yang berasosiasi dengan buah pepaya dengan persentase masing-masingnya yaitu *Colletotrichum gloeosporioides* 26,84%, *Corynespora cassiicola* 15,70%, *Rhizopus stolonifer* 14,54%, *Fusarium oxysporum* 14,29%, *Penicillium* sp. 11,27%, *Aspergillus niger*. 8,62%, *Alternaria alternata* 2,84%, dan *Mucor* sp. 2,44%.

Kata kunci: *Carica papaya* L, jamur pasca panen

# POSTHARVEST FUNGI OF PAPAYA (*Carica papaya* L) FROM MARKETS TRADERS IN PADANG CITY

## ABSTRACT

Papaya (*Carica papaya* L) whose harvest and postharvest handling is less than perfect re suscepible to fungal infections wich are pathogenic and non pathogenic, this research necessary to identify the fungi associated with papaya fruit from some market traders in Padang City. This study aim to determine the type of fungus and the percentage of fungi associated with papaya fruit at some market traders in Padang. The study began by taking samples of papaya fruit with fungal symtoms in traditional market, isolation, morphological observation and inoculation. The results shows that there were 8 types of fungi associated with papaya with their respective percentages there are *Colletotrichum gloeosporioides* 26,84%, *Corynespora cassiicola* 15,70%, *Rhizopus stolonifer* 14,54%, *Fusarium oxysporum* 14,29%, *Penicillium* sp. 11,27%, *Aspergillus niger*. 8,62%, *Alternaria alternata* 2,84%, and *Mucor* sp. 2,44%.

Key words: *Carica papaya* L, post-harvest fungi