



## RESEARCH PAPER

# Status of post harvest diseases of mango in Northern Karnataka

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**Abstract :** Mango fruit suffers from many post harvest diseases among them anthracnose [*Colletotrichum gloeosporioides* (Penz) Penz and Sacc.] In stem end rot [*Botryodiplodia theobromae* (Pat.) Griffon and Maubl.], Alternaria rot (*Alternaria alternata* Keissal) and black mould (*Aspergillus niger* V. Tieghem) are the important diseases which contribute to the post harvest losses of mango. The market survey conducted during 2015 in Dharwad, Gadag and Uttara Kannada districts revealed that, among the post harvest diseases of mango anthracnose showed maximum PDI (14.25) followed by stem end rot (8.85) and Alternaria rot showed least PDI (5.10). Among the districts surveyed maximum PDI (10.98) was recorded in Dharwad followed by Hubballi (9.01) and least PDI (6.53) was recorded in Ankola. Among varieties, Alphonso showed maximum PDI (10.66) followed by Pairi (7.83) and least PDI was observed in Ishadi (6.40) and Neelam (6.22). The PDI ranged from 6.22 to 10.66.

**Key Words :** Post harvest diseases, Mango, Market survey

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