

Integrated Crop Management for Controlling Fruit Pests and Diseases during Storage

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Abstract—*The paper mainly deals with the success technologies for controlling a number of fruits pest and diseases through integrated horticultural managements mainly organic way. Controlling wilt of guava, anthracnose of mango, fruit fly of mango, hopper of mango through ICM has been discussed. Anthracnose of mango has been successfully controlled by the application of garlic extract (10:1- Water and garlic). Floral malformation of mango can be controlled by the application of NAA at 200ppm and the vegetative malformation can be controlled by the application of cu-fungicides. Fruit fly of mango has been controlled by the application of sex pheromone, bait trap and bagging of individuals fruits. Mango hopper also successfully controlled by smoking at the time of flowering. Wilt of guava (*Fusarium oxysporum*) completely be controlled by using wilt resistant guava rootstocks (poly guava, strawberry guava and grape guava).*

Keywords: *ICM, Fruit Fly, Hopper, Wilt, Anthracnose, Mango, Guava.*