

## **BIOLOGICAL OF BROWN ROT ON APRICOT IN WEST AZARBAIDJAN PROVINCE**

H. Irany<sup>1</sup>, D.Ershad<sup>2</sup>

1.Plant Pest and Disease Research Dept.,Agricultural Research Center of West Azarbaidjan ,Oroumieh, Iran

2.Plant Pest and Disease Research Institute, Tehran ,Iran

In recent years the blossom and spur blight of apricot trees has caused serious damage in west Azarbaidjan province. Seventy eight isolates of the fungus were studied. A *Monilinia* like fungus was consistently isolated. Growth characteristics on 2% potato \_ dextrose agar under diurnal light conditions grows more slowly and the colonies are lobed with few spores. The conidia were lemon \_ shaped and monilioid and chain. The disease first appears as blossom blight and spur blight. The ripening and mature fruit become mummified which was more gray to tan had concentric zones of sporulation. Based on morphological and pathological characteristics the fungus was identified as *Monilinia laxa*.