

Extended Abstract

Isolation of *Monilinia fructigena* from the Idared Apple Variety in Order to Test Some Bio-Fungicides [†]

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[†] Presented at the 16th International Symposium “Priorities of Chemistry for a Sustainable Development” PRIOCHEM, Bucharest, Romania, 28–30 October 2020.

Published: 13 November 2020

Keywords: *Monilinia fructigena*; apple disease; fungi isolation; Idared variety; apple fruits

To test some bio-fungicides, isolation of *Monilinia fructigena* was carried out. *Monilinia fructigena* is a plant pathogen causing fruit rot in apples [1,2].

The fungus strain was cultivated onto potato-dextrose agar from Sigma-Aldrich with the following composition: dextrose, 20 g/L, agar, 15 g/L, and potato extract, 4 g/L. Chloramphenicol antibiotic was used to avoid bacterial contamination. Experiences were effectuated using fruits of the Idared apple variety from the Research Institute for Fruit Growing Pitesti–Mărăcineni.

Morphological observations were taken based on colony, conidia, and conidiophore morphology and other morphological characters [3].

Monilinia fructigena (Figure 1) was isolated from infected apples (fruits) and grown on the potato-dextrose agar culture medium with the goal to test some bio-fungicides.

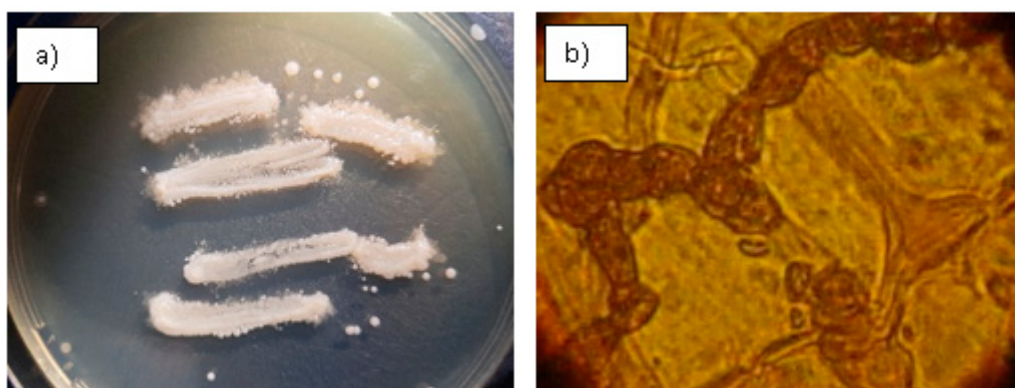


Figure 1. *Monilinia fructigena* (a); microscope view of *Monilinia fructigena* (b).

Acknowledgments: This work was supported by a grant of the Romanian Ministry of Research and Innovation, CCCDI-UEFISCDI, project number PN-III-P1-1.2-PCCDI-2017-0332"/Project 3, contract 6PCCDI/2018, within PNCDI III.

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