

Research Article

First Report on Blossom and Leaf Blight of Aubergine (*Solanum melongena* L.) Caused by *Choanephora infundibulifera* (Currey) Sacc., in India

Siddhartha Das¹, Subrata Dutta² and Bholanath Mandal³

Department of Plant Pathology, AICRP on Vegetable Crops, Directorate of Research,^{1 & 2} BCKV, Kalyani, Nadia, West Bengal: 741 235, Department of Plant Protection, Visva-Bharati–Palli Siksha Bhavana^{1 & 3}, Birbhum, West Bengal: 731 235, India. Email. subratadutta1972@gmail.com

Abstract

Choanephora infundibulifera infection of aubergine was reported for the first time from India. The pathogen caused leaf and blossom blight of aubergine during kharif, 2014 in Gangetic alluvial region of West Bengal, India. The disease severity ranged from 10-30 per cent and the peak infestation occurred during August-November. Morphological and molecular characterization confirmed the identity of pathogen as *Choanephora infundibulifera*.

Key words: Aubergine, *Choanephora infundibulifera*, ITS sequence, *Solanum melongena*

Citation: Das S, Dutta S and Mandal B. 2017. First report on blossom and leaf blight of aubergine (*Solanum melongena* L.) caused by *Choanephora infundibulifera* (Currey) Sacc., in India. *J Mycol Pl Pathol* 47 (1) 69-73.