

RESEARCHES ON THE EFFICIENCY OF SOME FUNGICIDES IN MUSTARD ALTERNARIA BLACK SPOT CONTROL

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Abstract

Mustard (*Brassica alba* L) is cropped in Romania for its seeds used in food industry. Researches followed the determination of the efficiency of some fungicides (Caramba Turbo SL, Pictor SC and Matiz EW) in alternaria black spot management of the mustard, caused by the fungus *Alternaria brassicae* (Berk.) Sacc. The varieties of mustard Alex and Amog were monitored. Each variety was cropped in 4 experimental varieties. The experiences were of bifactorial type (variety x fungicide) and were made in the period 2012 - 2013. The variety Amog registered an attack level of the alternaria black spot of 13.0 % in the year 2012 and 24.0% in the year 2013, in the non-treated varieties. At the Alex variety, the level of attack in the witness version was of 9.0% in 2012 and 18.75% in 2013. The efficiency of the fungicides varied from 72.2% to 76.9%.

Key words: mustard, variety, alternaria black spot, attack level, efficiency
