



## Dynamics of apparition and evolution to the Melon (*Cucumis Melo* L.) of the fungi attack *Verticillium Dahliae* Kleb., wich leads to verticillium wilt in the droughty years 2002 and 2003 and the rainy years 2004 and 2005 in conditions of the Baragan Field, Braila Area

E. VELICHI - University "Dunărea de Jos", Galați

The pathogenous appears each year with different intensities and degrees of attack, firstly in accordance with the meteorological factors. The attack is stronger in draughty and hot years. In rainy and cold years, the attack of the fungus does not create problems. In order to reduce the damages produced by this pathogenous, there have been studied the factors which determine apparition and evolution of the attack. In this respect, it has been given a special importance to the first symptoms, to the evolution of these symptoms in accordance with the meteorological factors (precipitations, medium temperature, medium humidity of air, dew). After apparition, in the draughty and hot years of 2002 and 2003, the disease had a faster evolution and a higher degree of attack of 13,75% and respectively 11,70% at the end of August. In 2004 and 2005, rainy and cold years, the disease had a slower evolution of 3,16% and respectively 1,57% in the second half of August.