



Bioecology of the *Uncinula necator* (Schw.) Burr. Fungus in 1998-2004 years, in Vaslui

SERBAN Coca - Phytosanitary Unity Vaslui

The *Uncinula necator* (Schw.) Burril. fungus, together the *Plasmopara viticola* (Berk. et Curt.) Berl. et de Toni and *Botryotinia fuckeliana* de Bary (Wetzel) fungus, caused every year important damages in vineyards of the county Vaslui. The climate conditions, temperature and rainfalls in special, have influence upon the evolution of this pathogens. The first pathogen has wide limits of development concerning the temperatures and humidity, as a result the annual maximum attack degrees caused on the sensible varieties exceeds 50%. From the appearance the first symptoms until maturation of the cleistothecia, the fungus requires 53-68 days and between 661-747°C effective temperatures. The infection of the buds begin in June month, at the same time differentiate of the buds and with appearance conidial stage of the fungus, and take place all period of vegetation.