THE IMPORTANCE OF THE WEATHER FACTORS UPON STARTING AND DEVELOPMENT OF A DISEASE
IMPORTANTA FACTORILOR METEO IN INCEPUTUL SI DEZVOLTATAREA UNEI BOLI

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Despite various measurea, the quantitative and qualitative loss caused by diseases is still very high. In Romania, the average loss due to diseases reach 12%, compared to pests (10%) and weeds (8%). Nevertherless, this loss varies from one crop to another, e.g., in wheat it reaches 11% while in grapevine 20%. The favourable conditions for infection and disease evolution (temperature, relative humidity, water drops present on the leaves) are the „ecological criterion" for prognosis, and play an important part together with the plant phenology and pathogen biology. The mildew attack on grape-bearing vines is damaging between May-July. Grain mildew is a highly spread disease, the loss being evaluated between 3-4 % on average, and 20-25 % in exceptional cases.