

# Condition of wheat crops in the Sadovo region

*Автор(и):* доц. д-р Евгений Димитров, ИРГР, Садово

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As of 03.06.2022, the phytosanitary condition of the wheat crops in the Sadovo region can be defined as **not particularly good**. During May, the amount of precipitation was not sufficient and during this period a shortage of soil moisture was observed, which is necessary for the normal course of physiological processes.





*Soil condition at the end of May*

At the beginning of June, the wheat plants entered the stage “end of milk ripeness - beginning of wax ripeness”. No development of phytopathogens above the economic injury level (EIL) has been recorded. Slight infestation by septoria, powdery mildew and yellow rust has been observed.



*Powdery mildew*





### *Yellow rust*

The lack of sufficient moisture did not allow for the development and multiplication of the aforementioned phytopathogens. Powdery mildew is found mainly on the lower leaves of the plant; the pustules are small and the mycelium is in the process of senescence. Septoria and yellow rust occur on isolated and visibly weakened plants or on late tillers. A low and below EIL incidence of the pests cereal leaf beetle, aphids and wheat thrips has been recorded. Slight secondary weed infestation is also observed.



## *Hail damage*

The hail that fell at the end of May significantly worsened the condition of the wheat crops. Shattering of spikelets, breakage and lodging of plants have been recorded. All this will have a negative impact on the planned yield, with a reduction in output of about 20-30% expected.





*Hail damage*