



Variability of RNA content in the leaves of Grasă of Cotnari grape vine sort

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The paper presents the variability of the RNA content of a mature leaf from the fertile shoots belonging to the Grasă of Cotnari grape vine cultivar, analysed in different phenological phases: unbudding, flowering, ripening and full maturation of grapes. On constate that at unbudding, the RNA content is maximum, because in this phases, the proteinic synthesis are very intense. Starting with the flowering phenophase, the quantity of RNA is decreasing rapidly. This phenomenon is directly correlated with the increased intensity of the biogenesis processes of the cellular organites. At ripening and full maturation of grapes, the RNA content diminish very much. The variation of RNA content is big in the unbudding, flowering and full maturation of grapes and very big in ripening phenophases. The values of the RNA content of the leaves belonging to the Grasă of Cotnari cultivar offer the possibility of analysing different factors regarding the complexity of the genetic material of the studied genotype.