



Variability of dna content in the leaves of GRASA OF COTNARI grape vine sort

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The paper presents the variability of the DNA content of a mature leaf belonging to the Grasă de Cotnari grape vine cultivar, analysed in different phenological phases: unbudding, flowering, ripening and full maturation of grapes. On constate that at unbudding, the DNA content is maximum, because in this phases, the proteinic synthesis are very intense, while at flowering, ripening and full maturation of grapes, the DNA content diminish very much. The variation of DNA content is small in the unbudding, flowering and ripening and moderate in maturation of grapes phenophases. The values of the DNA content of the leaves belonging to the Grasă de Cotnari cultivar offer the possibility of analysing different factors regarding the complexity of the genetic material of the studied genotype.