



## Cercetări ecofiziologice privind comportarea unor hibrizi de FLOAREA SOARELUI cultivați în CÂMPIA MOLDOVEI

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The interaction between the local conditions of environment and different genotypes influences the favorability of a culture. At sun-flower, the local ecological conditions control the development of the cycle, and also the duration of different phenophases of certain hybrids. The improving works have in view the creation of consanguinized lines and hybrids, at which, the development of different phenophases of the cycle in order to turn to good account the environmental conditions in correlation with the precociousness degree of the analysed material. The research has analysed the behaviour of 5 sun-flower hybrids, created at the Agricultural Development and Research Institute of Fundulea and Agricultural Development and Research Station of Podu Iloaiei, under the climatic conditions of 2005. It has been analysed the dynamics of growth and fructification processes, as well as some physiologic indices regarding the water conditions.