

THE INFLUENCE OF CLIMATIC CHANGES ON THE BEHAVIOUR OF SOME GRAPE VARIETIES FOR WHITE WINES IN MOLDAVIAN VINEYARDS

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Abstract The climatic phenomena and elements have, in many situations, qualitative limits for the vine and wine domain. The increase of extreme meteorological phenomena and the abrupt climatic forecasts make the research of new scientific themes a main step for the scientists, especially for their impact on viticultural ecosystems. Practising a durable viticulture needs taking into consideration the climatic changes, many unknown issues being able to negatively influence the development of the vine. In time, all the climatic changes will have repercussions on the viticultural environment and on the durability of vineyards. In the present article a few grape varieties from representative Moldavian vineyards, for white wines have been analysed from an agrobiological point of view in order to establish the influence of climatic factors on the vines' phenological cycle and on the grape production.

Key words: climatic changes, vines, phenology, grape production