Cercetări privind influența condițiilor pedoclimatice asupra calității strugurilor la soiurile Muscat Ottonel, Fetească regală şi Cabernet sauvignon

SAVESCU Iasmina, GOIAN M - USAMVB Timisoara

This paper's goal is to show the main pedoclimatic factors which due to their characteristics can influence and determine grapes quality at Muscat Ottonel, Feteasca Regala and Cabernet Sauvignon varieties cultivated in Recas viticultural Center, in order to distinguish this center vocation for qualitative wines obtaining.Detailed knoledgement of the pedoclimatic factors which are characteristic to each viticultural centre, represents an esential condition in order to obtain high grape yields, of superior quality, in proper economical efficiency conditions, which must exactly be mirrored in each viticultural centre vocation.Researches were made in 2006-2007 period in Recas viticultural center, using Musact Ottonel, Feteasca Regala and Cabernet Sauvignon wine grapes varieties .Taking into consideration the existant pedoclimatic conditions, samples of grapes were taken and to those samples were determined through well known methods sugar content (g/l), acidity(g/l tartric acid). These obtained results were commented on varieties in two years of experimentation, results which were determined by the
pedoclimatic conditions of this vinyard, and in the end were analised and interpreted, emphasizing the importance of climate conditions which are decisive in order to obtain a qualitative wine. During our research time period we try to emphasize the favorability of this viticultural area as concerns the quality of the grapes and wines obtained also calculating some
binary and ternary indexes like:heliothermal index, hidrothermal coeficient and vine bioclimatic index .In conclusion, capitalization of the climate factors collision which are influencing yield quality and quantity, impose viticultural areas picking up and zoning and the use of adequate technical solutions. Climate factors influence upon yield quality and quantity can be explained only in correlation with the oder environmental factors, culture techiniques and varieties genetic characteristics.