

CONTRIBUTIONS REGARDING SOME SOIL YEAST STRAINS FROM VINEYARD IAȘI, ROMANIA

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Abstract

The aim of this research was to isolating and selection soil yeast strains from the indigenous flora of Iasi vineyard. In the research activity, were chosen four grape varieties Fetească Neagră, Fetească Albă, Busuioacă de Bohotin and Fetească Neagră from the ampelographic collection of "Vasile Adamachi" Farm, from viticultural center Copou. The experimental protocol provided for the sampling of soil samples in two different phenophases of plant development: the end of flowering and ripeness stage. The soil samples were taken at 3 depths: 5-10 cm, 10-15 cm, 15-20 cm. Isolation of yeast strains and obtaining pure cultures was accomplished by successive replicates using the GPCA solid medium seeding technique. Thus, 18 yeast strains were selected from the soil and analyzed morphologically regarding the shape, profile, color and surface of the colony.

Key words: isolation, soil yeast strains, vineyard Iași