

THE IDENTIFICATION OF SOME YEAST STRAINS FROM VINEYARD IAȘI, ROMANIA

Costinela PATROLEA (ATODIRESEI)¹, Eugen ULEA¹, Florin-Daniel LIPȘA¹

e-mail: costinela.patrolea@gmail.com

Abstract

The aim of this study was to isolate and select yeast strains from the indigenous flora of Iasi vineyard. The experiment study included 4 local grape varieties: Busuioacă de Bohotin, Fetească Albă, Fetească Neagră and Fetească Neagră (from Collection of grape varieties) from viticultural center Copou. The experiment was carried out using randomized block design with three replications. The samples were taken in two different phenophases: bunch compaction and ripeness stage. As source of isolation was used the washing water from bunches and grapes. The yeast strains isolation and obtaining of the pure cultures was completed by successive replications using sowing on solid nutrient media technique. Therefore, 15 yeast strains were selected and morphological analyzed by colony shape, profile, structure and color.

Key words: isolation, yeast strains, vineyard Iasi
