

THE INFLUENCE OF PHYTOSANITARY TREATMENTS ON THE SOIL YEAST LOAD IN VINEYARD IAȘI, ROMANIA

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

e-mail: costinela.patrolea@gmail.com

Abstract

The aim of this study was to determine the influence of phytosanitary treatments on the soil yeast load in Vineyard Iași.. 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 samples were taken at 3 depths: 5-7 cm, 10-15 cm, 15-20 cm. To determine the influence of phytosanitary treatments on the diversity and distribution of yeasts, 2 soil samples were taken in the 5-7 cm shoot phenophase at 10-day intervals. The yeast strains isolation and obtaining of the pure cultures was completed by successive replications using sowing on solid nutrient media technique.

Key words: phytosanitary treatments, yeast strains, vineyard Iasi