

## IDENTIFICATION AND CLASSIFICATION OF GRAPEVINE CULTIVARS (*Vitis vinifera* L. ) FROM THE BALKAN SUBGROUP ( subconvarietas balcanica Negr.) BY MEANS OF PHYLLOMETRIC DESCRIPTORS

The aim of investigations was to establish the basic leaf characteristics of grapevine cultivars of balkan subgroup, with the phyllometric researches. The established standards has the practical meaning in the description and differentiation of eventual biotypes and clones in the population of this cultivars trough the clonal selection.

On the base of obtained results from the cluster analyse of phyllometric parametars the classification of 14 investigated cultivars was done. According to the values closeness of phyllometric characteristics the cultivars are classified in clusters from wich can determine the differences or similarities between the examined cultivars.

Two cluster analysis are made. For the classification of cultivars in the first cluster analyse we used 19 phyllometric descriptors from the GENRES List of primary descriptors, part II. For the second cluster analyse the parametars from the "leaf method" are used.

According to the phyllometric characteristics in the both cluster analysis very closeness linkage has the cultivars mavrud and plovdivina, and kratosija and vranec.