

MASS SELECTION OF GRAPEVINE CULTIVAR “TAJKË E KUQE”

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Abstract

The grapevine cultivar ‘Tajkë e kuqe’ is known for high yields and a good resistance to fungal diseases. There are a great diversity of forms, biotypes, ecotypes of this cultivar in our country as evidence of its cultivation for a long time. Clonal selection is considered to be a very important method for grapevine genetic improvement. During the years 2009-2012 it has been realized the mass positive selection of grapevine cultivar “Tajkë e kuqe” as a first step in clonal selection. The objective was to provide individuals with higher production and higher organoleptic value and to preserve the grapevine natural resources of our country. Every year at harvest the yield (kg), bunch weight (gr), the sugar content (%) and acidity (g/l tartaric acid) were measured for every plant. As result of evaluation for three years of old plants and statistical analyses used there are selected 16 plants with higher production value (1/3, 1/8, 1/17, 2/12, 3/7, 3/14, 5/12, 7/2, 9/19, 11/5, 12/27, 13/2, 15/18, 15/21, 17/3, 17/34) and 3 plants (1/3, 1/17, 13/2) with 1.5-2 times higher output and quality to continue the further clonal selection process. This is a good fund for the further clonal selection process.

Keywords: *selection, grape, genetic improvement.*