Productive Characteristics on Black Magic Grape Variety Grown in the Tikves Vineyard

Zvonimir BOZINOVIC¹, Violeta DIMOVSKA², Klime BELESKI²

¹Faculty for Agricultural Sciences and Food, Aleksandar Makedonski bb, 1000 Skopje, Republic of Macedonia
²Institut of Agriculture, Aleksandar Makedonski bb, 1000 Skopje, Republic of Macedonia
(e-mail:dimovskav@yahoo.com)

Abstract

The table grape variety Black Magic in Republic of Macedonia is introduced in 2000 year. The variety is grown in Tikves vineyard area 0.5 ha surface, on high cordon with trickle system of irrigation.

During the period 2004-2006 following productive and technological properties are examined: amount of harvested grape (total and packed), dimension and shape of cluster and berry, mechanical properties of berry (breaking resistance and resistance of pressure) and chemical content of must (content of sugar and total acids).

On the base of obtained results, the variety Black Magic has a high stability with nonsignificant variation during the years of investigations.

The total yield is 5.6 kg/vine. The cluster has average weight from 369 g and the berry has 5.5 g. The berry has a high resistance of pressure (2.715 g) and high breaking resistance (811 g).

In the future, the examination has to be continued with maintaining the ampelotechnical measures for improvement the quality of grape (uniform size and color and shape of cluster).

Key words: Black Magic, table grape, quality