

THE INFLUENCE OF BIOREGULATOR GIBERELIC ACID ON SOME TECHNOLOGICAL CHARACTERISTICS ON CLUSTER AND BERRY OF THOMPSON SEEDLES GRAPE VARIETY

The aim of investigation was to confirm the influence of bioregulator giberellic acid on some technological characteristics of thompson seedles grape variety: dimension and shape of cluster and berry, mechanical characteristics of berry and chemical content of must (sugar and total acids).

The giberellic acids is applied in three different termines (before blooming, after blooming and before veraison) with three concentration: 5 mg/dm³, 10 mg/dm³ and 20 mg/dm³.

From the results we can concluded that the time of treating and the concentration of giberelic acid has the influence on technological characteristics.

The treatment with giberellic acid in concentration from 5 mg/dm³ and 10 mg/dm³ in all termines increased the weight of cluster and berry and increased the transportability of berry.