

# RESPONSE

## OF TESTING OF MICROELEMENTED HUMIC ACID-BASED FERTILIZER BIOPLANT FLORA ON GRAPES. LLC "TEKHNOFORUM T" (TAGANROG)

Bioplant Flora fertilizer has been applied to grape cultivar "Seneka" and "Moldavskiy Vinnyi".

Processing has been carried out by douching at the rate of 2 g of Bioplant Flora diluted in 400-500 ml per plant.

The first processing has been carried out on the green cone.

Second processing – after 15 days at the early blossoming phase.

Third processing – 30 days after the second one in combination with insecticides.

Comparison has been made with the control group plants. The control group has been doused with water while the tested plants have been doused with Bioplant Flora solution.

The Bioplant Flora application results were:

1. The lamina area has increased by 35-45% relative to control.
2. The number of racemations has increased:
  - cultivar "Seneka" – by 32-48%;
  - cultivar "Moldavskiy Vinnyi" – by 35-57%.
3. The number of berries in the racemations of tested plants has increased relative to control:
  - cultivar "Seneka" – by 8-23%;
  - cultivar "Moldavskiy Vinnyi" – by 22-36%.
4. Grape ripening period has decreased relative to control plants:
  - cultivar "Seneka" – by 12-18 days;
  - cultivar "Moldavskiy Vinnyi" – by 25-34 days.

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