

# **RESEARCH RESULTS OF BM 86 AS A FOLIAR FERTILIZER FOR GRAPEVINES UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA**

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## **Abstract**

Environmental contamination, weather anomalies, nutrient imbalance, drought as well as long-term cultivation of multiannual crops are factors that condition intensive soil depletion. Considerable losses in plant productivity and loss of product quality can be observed. The article presents the results of research on the influence of the foliar fertilizer BM 86 of the French company "Arysta Life Science SAS" on the quantity and quality of grapes. Foliar fertilizer BM 86 tested in the conditions of the Republic of Moldova demonstrated its effectiveness in the growth and development of vines manifested by increased yield and quality of berries compared to the standard (Cosir, 2.0 l/ha). Based on the testing results it was recommended to include BM 86 fertilizer in the dosage of 3.0 l/ha in three foliar treatments of vines in the "State Register of Products for Phytosanitary Use and Fertilizers of the Republic of Moldova."

**Key words:** vine, foliar fertilizer, test, productivity, quality