

TOKAJ WINE VINEYARD TRIAL

Effects of **ekofertile**[®] plant



Introduction

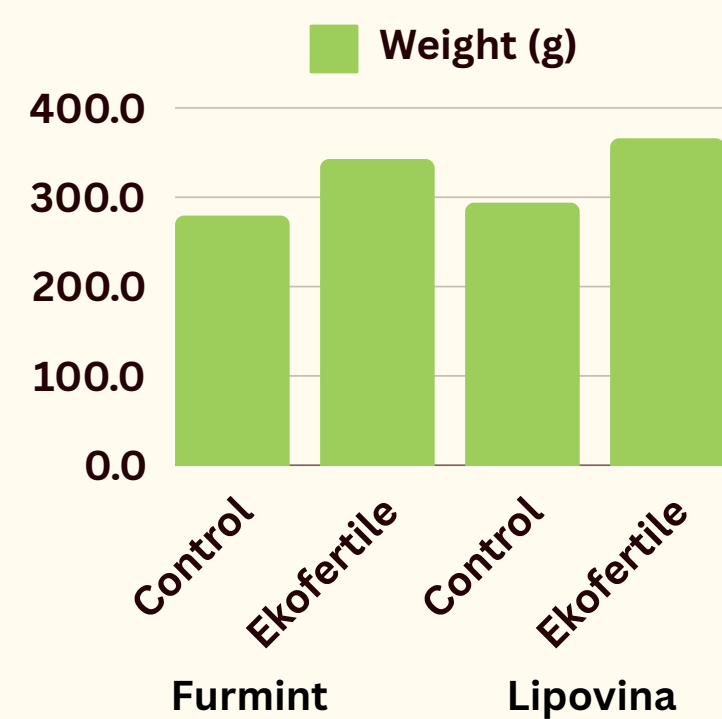
ekofertile[®] **plant** is an organic liquid bio|me|stimulant containing dissolved minerals rich in Fe, Mn, Si, and billions of beneficial probiotic bacteria, which enhance plant immunity, growth, root development, and resistance to diseases, heat, and drought. The objective of this trial was to evaluate the impact of **ekofertile**[®] **plant** application on grape weight and overall plant health.

Method

The trial was conducted in the Tokaj vineyard, located in the Černochoch region, in 2023. It focused on two grape varieties: Furmint and Lipovina. **ekofertile**[®] **plant** was applied at a 10% concentration four times during the growing season.

Results

The application of **ekofertile**[®] **plant** resulted in a significant increase in grape weight for both Furmint and Lipovina varieties, with weight gains of 22.6% and 24.5%, respectively, compared to the control groups (average bunch weight). The application of **ekofertile**[®] also resulted in a 7.5% increase in yield and a 5.4% increase in sugar content for the Furmint variety.



Conclusion

The weight increase observed in both Furmint and Lipovina varieties was statistically significant ($p < 0.01$), indicating that **ekofertile**[®] **plant** had a notable impact on grape yield, while also contributing to overall plant health through increased resistance to fungal, bacterial, and viral diseases.