

# ekofertile® plant

## Enhancing Blueberry Growth and Quality



### Introduction

**ekofertile® plant** is an organic liquid bio|me|stimulant. It contains dissolved minerals rich in Fe-Mn-Si, billions of beneficial probiotic bacteria such as Lactobacillus, and their immunostimulatory and plant growth-promoting metabolites (including a wide range of valuable proteins, bacteriocins, alcohols, and organic acids like lactic, butyric, acetic, propionic, formic, carboxylic, and fatty acids). It enhances immunity against fungal, bacterial, and viral diseases, revitalizes soil and plants, increases sugar and nutrient content, enlarges roots, and improves resistance to heat and drought. These properties make **ekofertile® plant** particularly beneficial for improving blueberry cultivation.



### Objective

The aim was to evaluate the impact of the **ekofertile® plant** product from **ekolive** on blueberry cultivation at Vimma Blueberries. The objective was to determine whether **ekofertile® plant** could significantly improve blueberry growth and yield, thereby contributing to more sustainable and productive agricultural practices.

### Methodology

The study analyzed the yields of three blueberry varieties: Bluecrop, Liberty, and Chandler, under different treatments with the **ekofertile® plant** product. Samples were collected and compared between plants grown with and without the application of **ekofertile® plant**.

Treatment	Variety	Description
T1	Bluecrop	Without <b>ekofertile®</b>
T2	Bluecrop	With 2x20% <b>ekofertile®</b> and irrigation
T3	Liberty	Without <b>ekofertile®</b>
T4	Liberty	With 20% <b>ekofertile®</b> and irrigation
T5	Liberty	Without <b>ekofertile®</b> (with Rokolan)
T6	Liberty	With 10% <b>ekofertile®</b> , foliar application
T7	Chandler	Without <b>ekofertile®</b>
T8	Chandler	With 20% <b>ekofertile®</b> and irrigation

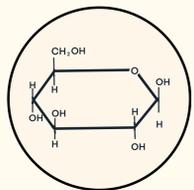
### Results



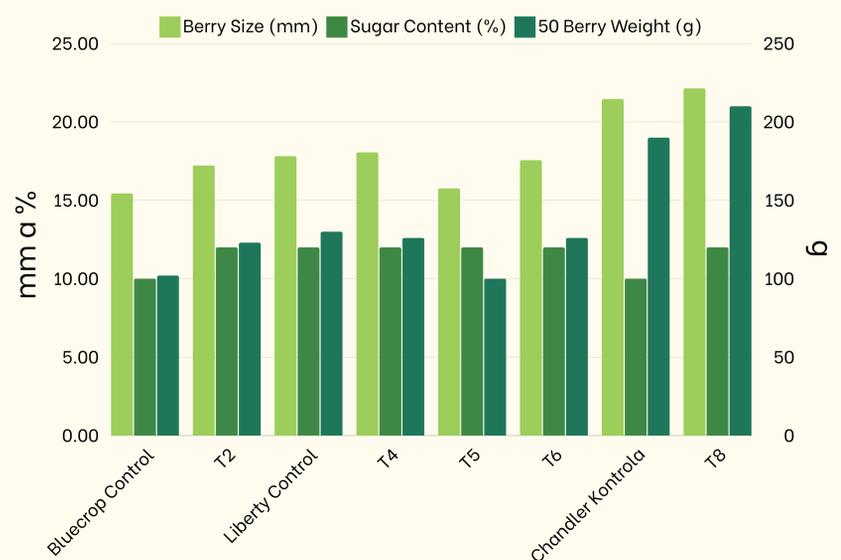
Bluecrop blueberries treated with **ekofertile® plant** had berries that were 11.53% larger compared to those without **ekofertile® plant** (T1).



Bluecrop and Chandler blueberries treated with **ekofertile®** resulted in 21.57% (T2) and 11.23% (T8), respectively heavier berries compared to those without **ekofertile®** (T1 and T7).



Bluecrop and Chandler blueberries treated with **ekofertile® plant** showed a 20% increase in sugar content compared to those without **ekofertile® plant**.



### Conclusion

The application of **ekofertile® plant** has demonstrated significant benefits in blueberry cultivation, particularly in increasing sugar content, berry size, and weight. Harvesting 100 kg of Bluecrop blueberries with the use of **ekofertile® plant** products would result in a yield of 121 kg of Bluecrop blueberries. These improvements suggest that **ekofertile® plant** can significantly enhance blueberry yields, offering potential market advantages and increased consumer appeal for Vimma Blueberries.

