

Center and further clinical testing to reduce the risk of several chronic diseases [53-54].

The health benefits of functional ingredients and accordingly the immune responses they cause depend on the content of the bioactive compounds in functional foods [55].

CONCLUSION

Based on the results obtained in this study, we can conclude that the combined use of green manure and biofertilizers leads to an increase in the functionality of eggplant fruits by improving soil quality, increasing the content of macronutrients such as vitamins C and B1 in eggplant fruits. Vitamin C and B1 as important bioactive compounds must be widely incorporated into food products in order to enhance food nutritional and health properties. In this context the role of developed green technology is of high importance.

The registered positive effect of the technology used on the yield and quality of eggplants, together with the improved starting point for researchers to study the proposed technology on other crops. Meant in the functional properties of eggplant fruits, will be recommended to farmers.

The functional properties of eggplant fruits that have been enhanced due to the rise of the content of vitamins C and B1 provides grounds for considering such fruits as a functional food and for further clinical

testing to reduce the risk of a number of chronic diseases.

List of Abbreviations: N, 'Organit N'; P, 'Organit P'; K, Potassium; Ca, Calcium; Mg, Magnesium; P, Phosphorus; Fe, Iron

Competing interests: The authors declare that they have no competing interests.

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