

ECONOMIC ANALYSIS OF ORGANIC CARROT CULTIVATION IN PROTECTED AREAS: ESTIMATES FOR 2025

Rozi Liliana BEREVOIANU¹, Diana Maria ILIE¹

e-mail: necula.diana@iceadr.ro

Abstract

The paper aims to evaluate the economic viability of organic carrot cultivation in protected areas, based on the estimation of the revenue and expenditure budget for 2025. The methodology applied focused on the analysis of key financial indicators: production value, the structure of variable and fixed costs, taxable income and net income, profitability rate, production cost, and domestic market price. The results show that the high share of variable costs reflects the dependence of the crop on ecological inputs and labor resources, while subsidies play a decisive role in strengthening revenues and reducing economic risks. The break-even analysis confirms the capacity of this crop to generate profit and to maintain financial stability under the specific conditions of organic farming. The study demonstrates that organic carrot cultivation in greenhouses constitutes a sustainable and competitive option for Romanian farmers, with favorable prospects for integration into the certified products market. Moreover, the research highlights the contribution of this production system to enhancing resilience and supporting the long-term sustainability of organic agriculture.

Keywords: organic carrots; protected areas; economic analysis; profitability
