

ECONOMIC EVALUATION OF A MECHANISED TECHNOLOGY FOR GROWING CAPE GOOSEBERRY (PHYSALIS PERUVIANA L.)

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Abstract:

The Peruvian physalis is an interesting culture, quite profitable, but unfortunately not widely distributed in Bulgaria, because of the extremely manual labor for its production. In the article, a mechanized technology for growing the culture is selected and presented, and a system of machines for growing Peruvian physalis is selected. An economic evaluation has been prepared, and calculations have been made for the assumed revenues, costs and profit per unit of production using the proposed system of machines. From the technology evaluation, it is clear that growing Peruvian physalis with own agricultural equipment is more profitable compared to growing it with rented equipment. In addition, having own machinery facilitates operations in accordance with agricultural conditions and makes production more independent of external factors.

Keywords: Peruvian physalis; agricultural machinery; mechanized technologies; economic evaluation

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