

Title            Selection of Packaging Conditions for Shredded Cabbage by Genetic Algorithms  
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### **Abstract**

An effective procedure to select packaging conditions for storage of horticultural commodities was developed on the basis of genetic algorithms. Mass of commodities in a package and thickness of packaging film as packaging conditions produced at random was progressively optimized by the procedure as an evolutionary process found in the biological world. Shredded cabbage was enclosed in a package of a polymeric film according to the optimized packaging conditions. Oxygen and CO<sub>2</sub> concentrations in the package were controlled at effective levels for the storage of shredded cabbage.