

THESIS

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ABSTRACT OF THESIS

Thesis title: **Optimization of Horticultural
Production, Processing and
Procurement Cluster in Uzbekistan**

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Course, level of education: MSc in Crop Production Engineering

Host Department/Institute: Institute of Agronomy

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This thesis work explores the socio-economic essence and legal basis of fruit and vegetable cooperation and provides a justification for its specific features. It emphasizes the importance of cooperation in horticulture products in the context of modernizing the economy and meeting the agricultural needs of the population. The study aims to increase the significance of fruit and vegetable cooperation by examining scientific and practical foundations, proposing cooperative production and evaluation indicators, and suggesting ways to support and enhance income sources in the sector. The research focuses on farms, cooperative enterprises, and farms in Uzbekistan in Kashkadarya region that are involved in fruit and vegetable cultivation. The study analyzes the socio-economic and organizational relationships within the realm of fruit and vegetable co-operation, utilizing various research methods such as systematization, economic analysis, statistical grouping, and mathematical modeling.

Practical outcomes of the research include the establishment of economic categories related to fruit and vegetable co-operation, justification of its necessity and specific characteristics, recognition of its role and importance, proposal of an economic mechanism for efficiency, scientific forecasts, and recommendations for improving the organizational and economic foundations of fruit and vegetable clusters and co-operations.