



AgriTech Solutions: Innovating VET for Sustainable Agriculture
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2024-1-RS01-KA210-VET-000244168

REPORT

From the implementation of an activity for the needs of the project

Review of existing qualifications

Overview of the prevalence of sustainable agricultural practices, precision agriculture, organic farming, renewable energy sources and the use of technology in agriculture in the qualification curricula.

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Place Skopje

Qualification Gardener Florist

Short description

The qualification Gardener-Florist enables the performance of planning and production operations, soil preparation for sowing and planting of garden and flower crops.

crops, growing and nurturing seedlings and seedlings, direct planting, sowing and

cultivating crops, i.e. seedlings of horticultural and flower crops. In the production of horticultural and

flower crops, the qualification of horticultural-florist should enable the acquisition of knowledge and skills with which the student will be able to protect seedlings, crops and plantations, rational use of material and time in horticultural and flower production, harvesting, transport, calibration, stacking and storage of horticultural and flower products and protection of health and the environment.

Based on a review of the curricula for vocational subjects, it can be concluded that the technologies of sustainable agricultural practices, precision agriculture, organic agriculture, renewable energy sources and the use of modern technologies in agriculture are represented to a certain extent. This qualification has been prepared according to the conditions at the time of its preparation in 2019. During this period, most of the specific areas of interest to the project have not yet reached the current technological development. This qualification is at level 3 and refers to three-year education.



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Proposal for improving the existing qualification in terms of the representation of sustainable agricultural practices, precision agriculture, organic agriculture, renewable energy sources and the use of technology in agriculture in the curricula of the qualification

Proposals for improving the existing qualification in terms of the representation of sustainable agricultural practices, precision agriculture, organic agriculture, renewable energy sources and the use of technology in agriculture in the curricula of the qualification are:

- All areas should be processed through all modular units, since agricultural mechanization is part of all production technologies in agriculture. Aeroponics should also be considered as a new production technology.
- In soil cultivation, all areas should be cultivated through all modular units
- In Propagation and production of seedlings and seedlings all areas should be processed through all modular units
- In sowing, planting and transplanting all areas should be processed through all modular units
- In Crop Care, all areas should be processed through all modular units
- In Storage for different types of products all areas should be processed through all modular units
- To provide practical programs and examples for protection in agriculture
- In Measures for protecting plants from diseases, pests and weeds, all areas should be processed through all modular units - In Establishing a vegetable garden, all areas should be processed across all modular units
- In this modular unit Soil cultivation, sowing and agrotechnical measures, all 5 areas can be represented, with special emphasis on the application of each of the areas.
- In Organic production of horticultural crops, all areas should be processed through all modular units
- In this modular unit Harvesting, packaging and transportation of garden cultures can represent all 5 areas, with special emphasis on the application of each area
- In Horticultural Crops, all areas should be cultivated across all modular units



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ФОНДАЦИЈА
ТЕМПУС



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- In this modular unit Protected Spaces, all 5 areas can be represented, with special emphasis on the application of each of the areas
- In this modular unit Growing Horticultural Crops in Protected Areas, all 5 areas can be represented, with special emphasis on the application of each of the areas.
- In planning the production of flower crops, all areas should be processed through all modular units
- In this modular unit Flower Crop Production and Stock Planting, all 5 areas can be represented, with special emphasis on the application of each of the areas.
- In the Production and Sale of Flower Crops, all areas should be processed through all modular units
- In this modular unit Making simple flower arrangements and decorations, all 5 areas can be represented, with special emphasis on the application of each of the areas

In Skopje

Teachers

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