

BOOK OF ABSTRACTS

IV INTERNATIONAL SYMPOSIUM FOR AGRICULTURE AND FOOD

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9th Balkan Animal Sciences Conference BALNIMALCON 2022

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9th Balkan Animal Sciences Conference BALNIMALCON 2022

Organized by the
Faculty of Agricultural Sciences and Food - Skopje
Ss. Cyril and Methodius University in Skopje

BOOK OF ABSTRACTS

In this Book of Abstracts you will find more than 250 abstracts classified in 10 thematic sections. The abstracts are published in their original form as provided by the authors. Double-blinded review will apply for the submitted full papers following the Instructions for Authors available at the ISAF 2022 web site. Looking forward to receive your full papers.

On behalf of the Secretariat of the 4th International Symposium for Agriculture and Food - ISAF 2022,

Ivana Janeska Stamenkovska
President of ISAF 2022 Secretariat

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MANAGEMENT AND SUNFLOWER PRODUCTION IN WORLD AND SERBIA

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Abstract

Management is the process of planning, organizing, motivating (leadership, leadership) and control in the direction of achieving certain company goals: preventive control - before work, current control - during work and subsequent control - after work. The basic economic principles are: productivity, economy and profitability. Effectiveness is a prerequisite for the successful operation of any organization, because it involves choosing the right goals. By applying management, sowing the most productive genotypes and respecting all aspects of cultivation technology, profitable sunflower production will be achieved. The aim of the study was to evaluate the production and management of sunflower in the five-year period. Sunflower (*Helianthus annuus* L.) is the important raw material used to produce oil in the world and Serbia. Production parameters were analysed: grain yield, area and total production. The results of the research showed that the growth trend of sunflower areas is evident. The largest areas under sunflowers, in the world and Serbia were in 2020 (27,874,284 ha; 221,149 ha) while the highest yields were achieved in 2019 (2.04 t ha⁻¹; 3.32 t ha⁻¹). The trend of growth of areas in the world and Serbia under these crop in the coming period is predicted. Achieved yields in 2019 of 3.32 t ha⁻¹ indicate that Serbia, in addition to excellent soil and agro-ecological conditions, also has excellent domestic high-yielding and stable genotypes, where the top NS assortment of the Institute of Field and Vegetable Crops from Novi Sad dominates.

Keywords: Serbia, world, sunflower, area, production



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