

**Faculty of Agriculture
Goce Delcev University - Stip**



**1st INTERNATIONAL MEETING
AGRISCIENCE & PRACTICE (ASP 2018)**

BOOK OF ABSTRACTS

**10th - 11th May 2018
Stip, Republic of Macedonia**

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**1st INTERNATIONAL MEETING AGRISCIENCE & PRACTICE
ASP 2018**

Organized by

**FACULTY OF AGRICULTURE
GOCE DELCEV UNIVERSITY - STIP, REPUBLIC OF MACEDONIA
10-11 May 2018, Stip, Republic of Macedonia**

In the past ten years the educational, research and applicative activities of the Faculty of Agriculture – Stip, Goce Delcev University – Stip, contributed to the development of agriculture sector in the country and broader region.

The Faculty of Agriculture organizes the 1st International Meeting Agriscience & Practice (ASP 2018), giving an opportunity to the participants for presentation and discussion of original scientific and practical results in different fields of agriculture.

The 1st International Meeting Agriscience & Practice (ASP 2018) is organized with intention to bring together all agricultural stakeholders for sharing their knowledge, experience and obstacles. One of the main aims is to link research and field work in agricultural sector in the country and broader, giving it an international dimension.

The main goal of the Meeting is to connect and promote scientific achievements and practical knowledge presented in different thematic areas.

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Plant protection

IMPACT OF AMPELOTECHNICAL MEASURES IN THE GRAPEVINE PROTECTION FROM OCCURRENCE OF GREY MOULD (*Botrytis cinerea*) Bojkov Gligor¹, Arsov Emilija^{1*}, Mitrev Sasa¹

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Abstract

Grey mould (*Botrytis cinerea*) is one of the most important economical disease on grapevine, whose progress and development during vegetation causes serious economic losses. The aim of this study, was to determine how ampelotechnical measures influence on the development of the disease in order to reduce the number of chemical treatments. Locality Kraiste, Kavadarci, Republic of Macedonia, was the experimental field with black variety Vranec which was continuously observed. Working hypothesis was to follow the development of the disease after 14 days from the last treatment, when the impact decreases of the fungicide and by applying agrotechnical measures and green operations to control the development of the disease. Those variants where there was a reduction of irrigation, and to which were applied ampelotechnical measures, had significantly lower intensity of infection in relation to control.

Key words: grey mould, ampelotechnical measures, green operations, infection, control

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