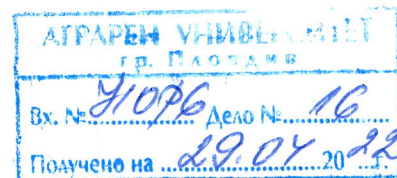


EVALUATION REPORT



Concerning the competition for "Associate Professor" in the Professional Field 6.2. Plant Protection; Scientific Speciality "Plant Protection (Herbology)", announced in the State Gazette No. 110 of 24.12.2021 from the Agricultural University - Plovdiv, Bulgaria, with candidate Chief Assistant Dr. Marian Yanev Yanev from the Agricultural University - Plovdiv, Bulgaria

From Assoc. Prof. Dr. Plamen Atanasov Marinov-Serafimov – Institute of Forage Crops - Pleven, Area of Higher Education 6. Agricultural Sciences and Veterinary Medicine; Professional Field 6.2. Plant Protection; Scientific Speciality "Herbology", Member of the Scientific Jury appointed pursuant to order No. RD 16-148/28.02.2022, issued by the Rector of the Agricultural University – Plovdiv.

1. Brief introduction of the candidate.

Chief Assistant Dr. Marian Yanev Yanev was born on 16.09.1985 in Svilengrad, Haskovo region. He graduated in the Specialty "Plant Protection" at the Agricultural University - Plovdiv in 2008 and obtained a Bachelor's degree, in 2009 he completed a Master's course in the same specialty. In 2016 he defended a PhD thesis in the Specialty "Plant Protection (Herbology)" and received the educational and scientific degree "Doctor".

During the period 2008 - 2011 he worked as an agronomist in the company "Chance 92" Ltd., Karnobat. From 2015 to 2016 he held the position of Junior Expert - Agronomist at the Department of Agriculture and Herbology of the Agricultural University - Plovdiv. Since 2016 he has held the academic position of "Assistant", and since 2018 he is "Chief Assistant" at the Department of Agriculture and Herbology at the University of Plovdiv. Since 2016, after obtaining the educational and scientific degree "Doctor", he started teaching to students at the Agricultural University - Plovdiv.

2. General description of the scientific production.

In the competition for "Associate Professor" Chief Assistant Dr. Marian Yanev Yanev participates with a total production of 39 works, grouped as follows:

Scientific publications on the nomenclature specialty – 35 issues, including:

- Publications related to the PhD thesis – 4 issues - not subject to review;
- Publications with impact factor – 3 issues with total *Impact factor* - 0.913 and total *SJR* - 0.679;
- Publications submitted in referenced and indexed issues in the world-famous scientific information databases – 25 issues;
- Publications submitted in non-refereed peer-reviewed journals or in edited collective volumes -7 issues.

The personal participation of Chief Assistant Dr. Marian Yanev Yanev in the publications shown is illustrated by the fact that in 1 issues he is only author (2.9%), in 1 issue he is

the first (2.9%), in 16 issue is second (45.7%), and in the remaining 17 issues (48.5%) he is third and next author.

- ❖ Book (1 issue) based on a defended dissertation for the award of educational and scientific degree "Doctor" "Survey on the distribution at the tobacco of species from the genus (*Phelipanche* (*Orobanche*) spp.) and study for new possibilities for control of the parasite" ISBN: 978-619-7554-65-6 (168 pages), where the candidate is an independent author.
- ❖ Textbooks – 1 issue "Innovative products for plant protection and fertilization (part one)" in the author's team published by the Library of Agricultural Education, 2018, ISBN 978-619-91110-0-0

3. Pedagogical activity.

Chief Assistant Dr. Marian Yanev has more than five years (5 years and 7 months) of experience as a "lecturer" at the Agricultural University - Plovdiv (Certificate issued by LS-08/26.01.2022). The direct classroom employment from lectures, exercises and extracurricular employment for the period 2016/2017 ÷ 2020/2021 amounts to 2239,2 hours (Certificate issued by HOP 5 - 02/03.02.2022). The average annual workload is 373.2 hours, which determines a relatively high employment rate when working with students from the "Plant Protection (Herbology)" on the disciplines "Agriculture" and "Herbology".

4. Research activity.

Areas of publication.

The research and publication activity of Chief Assistant Dr. Marian Yanev are in the Professional field 6.2. 'Plant Protection', Scientific Specialty "Plant Protection (Herbology)", related to bioecology and control of *Orobanche cumana* Wallr. in sunflower, *Phelipanche ramosa* (L.) Pomel on oilseed rape and the possibilities for chemical control against them; Allelopathic potential of aboveground biomass from the parasitic species *Cuscuta epithymum* L., *Cuscuta campestris* Yuncker, *Phelipanche ramosa* (L.) Pomel, *Phelipanche mutelii* (Schultz) Reuter and *Phelipanche* spp; Changes in the dynamics of weed associations of field crops (wheat, corn, sunflower, chickpea, oilseed rape, etc.) and establishing their harmfulness in the studied agrophytocenoses;

In the conditions of field experiments, the selectivity of herbicides was established in a number of crops, including wheat, corn, sunflower, chickpeas, oilseed rape and pumpkin, as well as their herbicidal biological efficacy for weed control applied in registered and increased doses; The influence of a number of herbicides, combinations and tank mixtures of herbicides and biostimulants and/or foliar nanofertilizers on the yield, the structural elements of productivity and the quality of the obtained production in a wide range of field crops has been established; The influence of some herbicides for soil application on the microbiological activity of major groups of soil microorganisms (actinomycetes ammonifying and immobilizing mineral nitrogen microorganisms, etc.) in relation to mineral nutrition of tobacco, as well as morphological changes in the anatomy of tobacco plants after treatment with *Isoxafflutole*.

The results of the candidate's scientific-research activity are summarized in 10 scientific-applied contributions, distributed by crops. I accept the author's reference for the contributions, which are innovative in nature and enrich existing knowledge and scientific developments and their application in herbological practice. I recommend the contributions, as a result of the overall research activity of the candidate, to be formed in more detail, differentiating: theoretical; original and those of scientific, scientific-applied nature.

Citation and referencing of scientific production.

For participation in the competition Chief Assistant Dr. Marian Yanev presents 7 citations, 5 noticed in scientific journals, referenced and indexed in world-famous databases and 2 noticed in scientific journals unreferred and indexed in world-famous databases.

Participation in research projects.

The candidate has participated in 4 research projects, as follows: 2 research project at CNITZIS of Agricultural University - Plovdiv, 1 "Corn - Queen of the Fields" - research and implementation project at the Agricultural University - Plovdiv and 1 "Herbitur" - research and implementation project, Agricultural University - Plovdiv.

5. Remarks and recommendations.

I have the following recommendations to Chief Assistant Dr. Marian Yanev:

(1) To emphasize more in its publication activity on the leading role (first author) in the preparation and printing of scientific articles, in order to emphasize more clearly and to show the leading contribution of the candidate in the preparation and design of scientific publications in specialized scientific journals;

(2) To strengthen its activity in the preparation and printing of teaching aids, aids and materials for training students in the field of "Plant Protection (Herbology)";

(3) To make efforts for the formation and management of working groups and to actively participate in research projects in the professional field of „Plant Protection (Herbology)“.

6. Conclusion.

Based on the analysis of the pedagogical, scientific and scientific-applied activity of the candidate, I consider that **Chief Assistant Dr. Marian Yanev Yanev** meets the requirements of Law on the Development of the Academic Staff in the Republic of Bulgaria, Regulations for Application of the Law for the Development of the Academic Staff in the Republic of Bulgaria and the Regulations of the Agricultural University for its application. The production with which the candidate participates in the competition for the academic position of "ASSOCIATE PROFESSOR", Professional Field 6.2. Plant Protection; Scientific Speciality "Plant Protection (Herbology)" meets the minimum national requirements for scientific and teaching activities for the academic position of "Associate Professor".

All this gives me reason to evaluate **POSITIVELY** his overall activity. I allow myself to suggest to the esteemed Scientific Jury also to vote positively, and the Faculty Council of the Faculty of Agronomy at the Agricultural University - Plovdiv to elect **Chief Assistant Dr. Marian Yanev Yanev** for "**Associate Professor**" in the Professional Field 6.2. Plant Protection; Scientific Speciality "Plant Protection (Herbology)".

19.04.2022
Pleven town

STATEMENT
PREPARED BY:

(Assoc. Prof. Dr. Plamen Marinov-Serfimov)