

STATEMENT



Concerning a competition for „Associate Professor” in the scientific specialty “Plant Protection” /Herbology/, announced in the State Gazette, issue 110 of 24.12.2021 with candidate Chief Assistant Professor Mariyan Yanev Yanev, PhD, Agricultural University – Plovdiv

by Assoc. Prof. Dina Dadar-oolovna Atanasova, PhD, Institute of Agriculture – Karnobat, scientific specialty “Plant Protection” /Herbology/, appointed as a member of the scientific jury according to Order № RD 16-148/28.02.2022 signed by the Rector of the Agricultural University – Plovdiv

1. Brief introduction of the candidate

Chief assistant Professor **Mariyan Yanev Yanev**, PhD, was born on September, 16, 1985 in the city Svilengrad. In 2008 he graduated as Bachelor specialty “Plant Protection”. In 2009 he received a master’s degree in “Plant Protection” at the Agricultural University – Plovdiv. During the period 2012 – 2016 he was a PhD student at the Department of Agriculture and Herbology at AU – Plovdiv. In 2016 he successfully defended a PhD thesis on the theme “Survey of the distribution at the tobacco of species from genus (*Phelipanche (Orobanche) spp.* and study for new possibilities for control of the parasite”. M. Yanev began his professional career as an agronomist in 2008. After successfully passing a competition for a Senior assistant in 2016 and since 2018 to the present he has held the academic position of the Chief Assistant Professor.

2. General description of the scientific production

In the competition for the academic position of Associate Professor”, Chief Assistant Professor Mariyan Yanev, PhD, participates with a total production of 41 works, grouped as follows:

- ❖ *Scientific publications in the nomenclature specialty – 39 issues, including:*
 - *Publications related to the PhD thesis – 4 issues that are not subject to review;*
 - *Publications with impact factor – 3 issues;*
 - *Publications submitted in peer-reviewed and peer-reviewed scientific journals – 25 issues;*
 - *Publication in non-peer-reviewed journal with scientific review or in edited collective volumes – 7 issues*

The personal participation of Chief Assistant Professor Mariyan Yanev, PhD, in these works is illustrated by the fact that 1 are independent, in 1 – is the first, in – 16 is the second and in the remaining 17 is the third and next author.

- ❖ *Textbooks and books – 1.*
- ❖ *Teaching materials – 1.*

Publications № 17 and 33 in the list do not refer to professional field 6.2. “Plant protection”.

33 scientific papers are subject to analysis for the preparation of the current statement.

The main part of the presented scientific papers is related to studies on the biological efficiency of herbicides against economically important weeds and their impact on the productivity of the main field crops - wheat, sunflower, corn, rapeseed, tobacco, chickpeas and pumpkins. The publications are written in a good scientific style, treat current issues and have a practical focus.

3. Teaching activity

The teaching activity of Chief Assistant Professor Dr. Marian Yanev is 5 years and 7 months, and his study load for the last 5 years is a total of 2239.2 hours.

Ch. Assistant Professor Dr. Marian Yanev began working at the Agricultural University - Plovdiv as a junior expert agronomist at the department "Agriculture and Herbology" since 2015. Since 2016 he has held the position of assistant, and since 2018 - chief assistant, where he currently works and teaches in the disciplines "Agriculture" and "Herbology".

Teaching employment of the candidate

For the teaching employment of lectures, exercises and extracurricular employment, the candidate has presented a certificate issued by the Training and Information Centre of the University of Plovdiv - for **2239.2** hours of direct teaching employment. For the last five years he has been carrying out the necessary study load. His academic employment over the years has averaged about 447 hours per year, and the last year - 521 hours.

Published teaching materials

Ch. Assistant Professor Yanev, PhD, is a co-author of the textbook "Innovative Products for Plant Protection and Fertilizers" (2018).

4. Research activity

Areas of publication

The scientific research of Ch. Assistant Professor Mariyan Yanev, PhD, are focused mainly on:

- Ecology and control of parasitic weeds in sunflower and rapeseed; biological efficacy, selectivity and impact on the productivity sunflower and rapeseed of imazamox-containing herbicides;
- Allelopathic effect of parasitic species of weeds of the family *Orobanchaceae*;
- Influence of certain herbicides on soil microbiological activity;
- Studies on weed associations in the main field crops, dynamics of weed species and compensatory processes;
- Studies on the biological efficiency of weed species and the impact on the productivity indicators and structural elements of the yield of the main herbicides and combinations in winter wheat, sunflower, corn, rapeseed, tobacco, chickpeas and pumpkins;
- Opportunities for chemical control of problematic weeds – *Cannabis sativa* L. in sunflower and *Convolvulus arvensis* L. in winter wheat;
- The effect of the herbicide *isoxaflutol* on the anatomical and morphological changes of tobacco plants.

A very important aspect of the candidate's research activity is the practical orientation of the scientific results.

The candidate has summarized the result of his research activity in scientific and applied contributions, distributed by topics and cultures. I accept the author's reference for the contributions without remarks.

Citation and referencing of scientific production

Chief Assistant Professore Marian Yanev, PhD, presents 7 citations, noted in scientific journals, referenced and indexed in world-famous databases with scientific information (5) and in non-refereed publications with scientific review (2).

Participation in research projects.

The candidate has participated in four research and implementation projects.

5. Remarks and recommendations

I have the following recommendations to Ch. Assistant Professor M. Yanev, PhD: in the future the candidate should focus on the development of independent materials and the scientific materials should be published in publications with impact factor.

6. Conclusion

Based on the analysis of the pedagogical, scientific and scientific-applied activity of the candidate, I consider that **Chief Assistant Professor Marian Yanev Yanev, PhD**, meets the requirements of Law on the Development of Academic Staff in the Republic of Bulgaria, the Regulations or 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 for the academic position of "Associate Professor", professional Field 6.2. Plant Protection; Scientific Speciality "Plant Protection /Herbology/".

All this gives me reason to evaluate **POSITIVELY** his overall activity.

I would like to suggest to the esteemed Scientific Jury to vote positively as well, and the Faculty Council of the Faculty of Agronomy at the Agricultural University - Plovdiv to elect a **Chief Assistant Professor Marian Yanev Yanev, PhD**, in the academic position of "**Associate Professor**" in the professional field 6.2. Plant protection, in the scientific specialty **Plant Protection /Herbology/**.

April 19, 2022
Plovdiv

PREPARED BY:.....
(Assoc. Prof. Dina Atanasova, PhD)