



## OPINION

**regarding the competition for "associate professor" in the scientific specialty Agrochemistry, announced in SG no. 62 of 21.07.2023 with candidate Ch. Assistant Nedyalka Nikolova Yordanova, PhD. by Prof. Dr. Hristofor Kirchev Kirchev, Agricultural University - Plovdiv appointed according to Order No. RD-16-903/25.09.2023 of the Rector of the Agricultural University - Plovdiv as a member of the scientific jury.**

### **1. Brief introduction of the candidate.**

Ch. Assistant Nedyalka Yordanova, PhD, was born in the town of Asenovgrad. She completed his secondary education at "Dimitar Blagoev" Secondary School - Plovdiv. In 2002, she graduated with a Bachelor with a degree in "Agronomy-Field crops" at the Agricultural University - Plovdiv. In parallel, in the same year, she acquired an additional professional qualification "Consultant in agrarian-legal issues". In 2003, she graduated from the same university with a master's degree in Plant Biotechnology. In 2012, she successfully defended her dissertation in the scientific specialty of Field crops and obtained the educational and scientific degree "Doctor". After successfully passing a competition in 2007, she was appointed as an assistant, followed by a senior and main assistant in Agrochemistry in the Department of Soil Science and Agrochemistry at the Faculty of Agronomy, Agricultural University - Plovdiv.

### **2. General description of the scientific output.**

In the competition for "docent" Ch. Assistant Nedyalka Yordanova participated with a total output of 27 works, grouped as follows:

Scientific publications on the nomenclature specialty - 27 issues, of which:

- Scientific publications (not less than 10) in publications that are referenced and indexed in world-renowned databases with scientific information - 10 pcs.
- A published book based on a protected dissertation work for awarding the educational and scientific degree "doctor" - 1 pc.
- Articles and reports published in scientific publications, referenced and indexed in world-famous databases with scientific information - 7 items;
- Articles and reports published in non-refereed peer-reviewed journals or published in edited collective volumes - 9 issues

The personal participation of Ch. assistant Dr. Nedyalka Yordanova in the mentioned 27 works is illustrated by the fact that 5 are independent, in 5 she is the first, in 8 the second, and in the rest, he is the third and subsequent author.

To prepare the opinion, 27 items are subject to analysis.



### **3. Teaching activity.**

#### *Academic employment of the candidate.*

During the last 5 academic years (2018-2023), the candidate has performed a total of 2500 hours of direct classroom work in the Bachelor's and Master's Colleges. Apart from the main obligation as ch. assistant - to conduct exercises and practical classes, during the entire period of the educational activity she also gave lectures without interruption.

The teaching activity is supplemented by the guidance of 5 successfully defended diplomants, and she is currently the scientific supervisor of two current diplomants.

### **4. Research activity.**

#### *Areas of publication.*

The main scientific directions in the majority of the publications are related to research work in the field of agrochemistry and fertilization, namely:

Studies related to the influence of fertilization on the productivity and quality of plant production in different crops.

Studies related to changes in the reuse of wheat and barley stem stocks when the donor-acceptor ratio is changed, as a result of the halving of the (acceptor) spike.

Studies related to the suitability of terrains for the cultivation of perennial crops.

#### *Citation and referencing of scientific production.*

The candidate has submitted 4 citations, all in scientific publications, referenced and indexed in world-renowned databases of scientific information.

#### *Participation in scientific projects.*

Ch. assistant Dr. Nedyalka Yordanova presents a certificate according to which she participated in one National project, three internal research projects, twelve implementation projects and one for the Ministry of Education and Science.

### **5. Notes and recommendations.**

I have no comments, since Ch. Assistant Nedyalka Yordanova fully meets the minimum national scientometric requirements specified in the Regulations of the Agrarian University for the implementation of the Law on the Development of the Academic Staff in the Republic of Bulgaria.

### **6. Conclusion.**

Based on the analysis of the educational, scientific and scientific-applied activity of the candidate, I believe that chap. Associate Professor Nedyalka Yordanova, PhD, meets the requirements of the Law on the Development of the



Academic Staff in the Republic of Bulgaria, Regulations for the implementation of the Law on the Development of the Academic Staff and the Regulations of the Agrarian University for its application.

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

I take the liberty of proposing to the honourable Scientific Jury to also vote positively, and the Faculty Council of the Faculty of Agriculture at the Agricultural University - Plovdiv to elect ch. assistant Dr. Nedyalka Yordanova for "**docent**" in the scientific specialty "Agrochemistry"

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PREPARED THE  
OPINION:.....  
(Prof. Dr. H. Kirchev)