



## REVIEW AND OPINION

regarding the competition for "Associate Professor" in the professional field 6.1. "Plant growing", in the scientific specialty "Viticulture", announced in SG No 6/22.01.2021, with candidate Ch. Assistant Dr. Boyan Stalev Stalev, by Assoc. Prof. Dr. Maria Todorova Georgieva from RIMSA Troyan, in the field of higher education 6. Agricultural Sciences and Veterinary Medicine, Professional field 6.1. "Plant Growing", the Scientific specialty "Fruit Growing", **determined according to order No RD-16-414 of 05.04.2021 of the Rector of the Agricultural University - Plovdiv as a member of the scientific jury**

### 1. Short review of the candidate

Ch. Assistant Dr. Boyan Stalev Stalev graduated in 2006 at the Agricultural University - Plovdiv, at the Faculty of Viticulture and Horticulture, with a master's degree in "Production of seeds and planting material." In 2008 acquires a certificate of professional qualification 'teacher'. The scientific career of Ch. Assistant Dr. Boyan Stalev Stalev started in 2008, when he was appointed an assistant in the Department of "Viticulture and Fruit Growing" at the Agricultural University - Plovdiv. In 2013 successfully defended his dissertation on: "Comparative study of organic and conventional production of dessert grapes in the area of the village of Nayden Gerovo, Plovdiv region" and was awarded a scientific and educational degree "Doctor" in the scientific specialty "Plant Growing". He speaks English and Polish and has the necessary computer skills.

### 2. General description of the scientific production

In the competition for "Associate Professor" Ch. Assistant Dr. Boyan Stalev participates with a total production of 33 works, grouped as follows:

- ❖ *Scientific publications in the nomenclature specialty - 33 papers, of which:*
  - *Publications related to the doctoral dissertation - 3 papers that are not subject to review;*
  - *Habilitation work - monograph - 1 paper;*
  - *Scientific publications (not less than 10 papers) in publications that are referenced and indexed in world-famous databases with scientific information - 10 papers;*
  - *Scientific publications in non-peer-reviewed journals with scientific review or in editorial collective volumes - 18 papers;*
  - *Published book based on a defended dissertation for the award of educational and scientific degree "Doctor" - 1 paper;*
  - *Training manual - 1 paper.*
  - *articles outside the nomenclature specialty - 1 paper.*

*To prepare the scientific opinion, **30 scientific papers** are subject to analysis.*

The personal participation of Ch. Assistant Dr. Boyan Stalev Stalev in these 30 works is illustrated by the fact that 5 (16.66%) are independent, in 3 (10%) - he is the first, in 9 (30%) - is the second, and in the remaining 13 (43.33) - is the third and next author. There is a high positive characteristic - ability to work in a team and the effectiveness of the contribution of Assistant Dr. Boyan Stalev in team development. The candidate submits joint publications with foreign authors (3,16,17,18,19,24), as well as a joint Guide to viticulture and winemaking.



Methodologically correct experiments allow for the formulation of contributions with significant scientific-theoretical and applied value and are mainly the work of Ch. Assistant Dr. Boyan Stalev, as a result of his own research.

The candidate has published eleven scientific papers in the following peer-reviewed and indexed journals: *Acta Horticulturae*, *VIII International symposium on mineral nutrition of fruit crops Book Series*: - 1 paper; *Bulgarian Journal of Agricultural Science* - 1 paper; *Ecologia balkanika* - 1 paper; *Agrarian Sciences* - 1 paper.; *Folia Horticulturae* - 1 paper; *Ecology and Future* - 1 paper.; Scientific papers-series e-land reclamation earth observation & surveying environmental engineering - 1 paper; Scientific papers series b. horticulture - 1 paper; *Agricultural sciences* - 2 papers.

Nine of the publications are in national and international journals with scientific review: *Folia Pomer* - 2 papers; *Journal of horticulture research* - 1 paper; *Scientia Agriculture* - 3 papers; *Journal of Agricultural Science* - 1 paper; *Ecology and future* - 1 paper; *Management and sustainable development* - 1 paper.

9 conference papers have been published in conference proceedings.

Ch. Assistant Dr. Boyan Stalev participates with 2 scientific papers in world and European congresses and 1 poster abroad, with 4 scientific papers and 1 poster at scientific forums in Bulgaria.

### **3. Teaching activities.**

Ch. Assistant Dr. Boyan Stalev is a lecturer in the Department of "Viticulture and Horticulture" at the Agricultural University - Plovdiv from January 2008 to the present. The candidate teaches in the following disciplines: Viticulture, Ampelography, Biological Viticulture and Production of vine planting material.

The long-term teaching activity and the wide range of academic disciplines give me reason to define him as an extremely well-prepared lecturer who performs his teaching activity related to the academic position "Associate Professor" for which he applied.

#### *Teaching Work of the candidate.*

In the last 5 years the total classroom employment of the candidate at the Agricultural University is 2446.8 hours. His workload over the years varies from 416.9 to 557.6 hours of classroom and extracurricular employment. Its average annual classroom employment is 489.36 hours, which fulfills and overfulfills the regulations of the AU.

Ch. Assistant Dr. Boyan Stalev increases his professional qualification through participation in short-term specializations and seminars. Since 2009, the applicant has repeatedly transferred knowledge (teaching courses abroad) under the Erasmus mobility program. For his special merit I determine the establishment of professional contacts and the development of relations between the Agricultural University and the University of West Pomerania in Szczecin, Poland.

#### *Published teaching materials.*

The candidate is a co-author of 1 paper "Guide to viticulture and winemaking".

#### *Developing curriculum syllabuses.*

In addition to the mentioned significant teaching activity, Ch. Assistant Professor Dr. Boyan Stalev has developed and approved 4 curricula for disciplines: "Viticulture", "Viticulture and biotechnological methods", "Production of vine planting material" included in the curricula of bachelor's and master's courses at the Agricultural University - Plovdiv city.

### **4. Scientific Research.**

Each candidate for the academic position of "Associate Professor" must meet the relevant minimum scientometric requirements of the law of the Law on Associate Professor. Ch. Assistant Dr. Boyan Stalev covers all requirements as follows:

**1. Category A** (minimum requirements of 50 points) - successfully defended a dissertation in 2013. for awarding Educational Scientific Degree "Doctor" - **50** points.

**2. Category B** (minimum requirements of 100 points) Habilitation work - monograph or scientific publications (not less than 10 copies) in publications that are referenced and indexed in a world-famous database of scientific information.

- a monograph is presented - **100** points. The norm on this indicator is covered.

**3. Category G** (minimum requirements of 200 points).

- a published book based on a defended dissertation for the award of the Educational Scientific Degree "Doctor" was presented, **40** points.

- 11 articles and reports published in scientific journals, referenced and indexed in a world-famous database with scientific information, **126** points.

- 20 articles and reports published in unreferenced journals with scientific review, which form **71.07** points.

The total number of points in category G is **237.07** points.

**3. Category D** (minimum requirements of 50 points).

- 6 citations are presented in scientific journals, referred to and indexed in a world-famous database with scientific information, **90** points.

- 2 citations are presented in monographs and collective volumes with scientific review, **20** points.

- 10 citations or reviews were presented in non-peer-reviewed journals with scientific review, **57.56** points.

The total number of points is **162.56** points. The norm on this indicator has been exceeded by 325.12%, as the required 50 points have been exceeded.

The evidence presented in the competition covers, and some many times exceed, the minimum points of the national requirements. The total scientometric indicators for "Associate Professor", which the candidate forms (A + B + G + D) are **549.6** points, with minimum requirements of 400 tons.

#### *Areas of publication.*

Ch. Assistant Dr. Boyan Stalev 12 years actively working independently or in a creative team in areas related to:

- the production of organic dessert and wine grapes in Bulgaria;
- the chemical composition of the grapes and its influence on the quality of the production and the resulting wines;
- the ways of maintaining the soil surface and the agrotechnics of the vine;
- production costs (material and labor) for the construction of new vineyards;
- varietal study and production of vine planting material.

#### *Citations and references of the scientific production.*

At present, a total of 18 citations have been identified, which are indicative of the importance of scientific papers.

#### *Participation in scientific projects.*

The candidate manages one and participates in a total of 6 projects, 5 with internal funding from the Agricultural University of Plovdiv and 1 with external funding.



## 5. Remarks and recommendations.

I have no significant remarks about the candidate's research and teaching activities. I would like to recommend for future research to publish more scientific products in the world databases SCOPUS and Web of Science, which will contribute to wider dissemination of results among the international scientific community and increase citations.

## 6. Conclusion.

Based on the analysis of the pedagogical, scientific and scientific-applied activity of the candidate, I consider that **Ch. Assistant Dr. Boyan Stalev Stalev** meets the requirements of LAW ON THE DEVELOPMENT OF THE ACADEMIC COMPOSITION IN THE REPUBLIC OF BULGARIA, REGULATIONS FOR THE IMPLEMENTATION OF THE LAW ON THE DEVELOPMENT OF THE ACADEMIC COMPOSITION IN THE REPUBLIC OF BULGARIA and the Regulations of the Agrarian University for its application.


The scientific production of the candidate shows that **Ch. Assistant Dr. Boyan Stalev** has in-depth theoretical knowledge, analytical skills on the basis of which he formulates logically sound conclusions in the professional field 6.1. "Plant growing". Contacts with farmers contribute to the transfer of knowledge and promotion of the results obtained in practice. The wide range of subjects in which the candidate teaches emphasizes his professionalism and high level of teaching.

I convincingly give my positive assessment of the conducted research, the achieved results and contributions, as well as the teaching activity carried out by the candidate.

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

I allow myself to propose to the esteemed Scientific Jury also to vote positively, and the Faculty Council of the Faculty of Viticulture and Horticulture at the Agricultural University - Plovdiv to elect **Ch. Assistant Dr. Boyan Stalev Stalev** for "**Associate Professor**" in the scientific specialty "**Viticulture**".

Date: 25.05. 2021

The Scientific Opinion  
was prepared by: 

(Assoc. Prof. Maria Georgieva)