

Ivan Ivanovych Semenenko

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Candidate of Agricultural Sciences ("Breeding and seed production", 2016);

Deputy Director for Research and Investment Support of the Institute of Vegetable and Melon Growing of the National Academy of Sciences

Education:

2003–2007

Poltava State Agrarian Academy, specialty - "Agronomy"

2008–2010

Postgraduate studies at the Institute of Vegetable and Melon Growing of the Ukrainian Academy of Sciences

Specialty: "Breeding and seed production"

Research activities:

The main areas of scientific research are:

- tomato selection to improve fruit quality;
- development of technological measures to accelerate and improve the seed production of the main vegetable plants;
- determination of the influence of various elements of technology on the productivity of vegetable agrocenoses, changes in the main parameters of soil fertility and ecological stability;
- development of cultivation technology and its elements for rare and introduced types of vegetable plants (sweet potato, Cynara);
- determination of the biological effectiveness of various types of chemical and biological means of plant protection in vegetable and grain crops.

Author of 37 scientific and scientific-practical publications: articles in Scopus publications – 1, articles in specialized publications – 10, articles in foreign publications – 4, abstracts of conferences – 12, methodical recommendations – 6, author's certificates for plant varieties of Ukraine – 2.

Project work experience:

1. Organization and conduct of research work under various projects: "Investigate the genetic and biochemical aspects of the manifestation of features of the color and consistency of the fruit in tomato", "Improvement of methods of the selection process, creation of highly adaptive tomato varieties and hybrids of different ripeness groups, suitable for industrial and small-scale production production in open soil conditions", "Development of the seeding process methodology of monocot productive and betanin

lines of beet, suitable for adaptive technologies", "Scientific substantiation of vegetable plant nutrition mechanisms to improve the quality of products to EU requirements for bioadaptive growing technologies", "Development of scientific justified technology of growing sweet potato (*Ipomoea batatas*) in the conditions of the forest-steppe of Ukraine".

2. Development and scientific support of demonstration and test sites commissioned by Ukrainian and European companies (the companies "BASF", "Corteva", "DuPont", "BTU-center", "Ikarai Ukraine", "Ekoorganik", the group of companies "Dolyna" etc)

3. Organization and holding of Field Days at the Institute of Vegetable and Melon Growing of the National Academy of Sciences: "Holiday of the Ukrainian Tomato" (August 14, 2018), "Breeding Innovations in Vegetable and Melon Growing" (August 16, 2019), "Breeding Innovations in Vegetable and Melon Growing" ", timed to the 30th anniversary of the Independence of Ukraine" (August 19, 2021).

Additional Information:

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Профіль Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57488274700>