

CV
Shabetya Oksana Mykolayivna

Date of birth: 21.05.1966

Chief researcher of the laboratory of selection of nightshade and pumpkin crops at the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine
Doctor of Agricultural Sciences ("breeding and seed production", 2014), specialization 201 "Agronomy".

Senior researcher ("breeding and seed production", 2003)

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Education:

- Kharkiv National Agrarian University named after V.V. Dokuchayev, specialty: "Agronomy", qualification - "scientific agronomist", specialization - "breeding and seed production" (1983-1987)
- postgraduate studies at the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine (1994 – 1996)

Employment.

From January 1988 to the present, the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine (IOB of the National Academy of Sciences) following positions:

- Junior researcher of the vegetable crop selection department of the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine.
- Since 1997 the head of the laboratory of genetic resources of the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine.
- 1997-2015 a curator of the national collection of vegetable crops of the National Center for Genetic Resources of Ukraine in the European Cooperative Program on Plant Genetic Resources (IPGRI).
- 2012-2020 a leading researcher of the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine

- 2020-2022 an academic secretary of the Instytut Roslynnystva Imeni V. Ya. Yur'yeva Naan
- From March 2022 to the present the chief researcher of the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine.

Main areas of scientific activity.

Breeding work. Author and co-author of 14 varieties and hybrids: 2 eggplant hybrids (Adonis F1 and Ultra early F1); 5 varieties of eggplant (Premier, White Lily, Leader, Violet, Veronique); 2 types of onion (Amphora and Bilyanka), tomato type (Udavchuk), batuna onion (Stasia), sweet onion (Zoryanyi), salad mustard (Zoryanka), cress (Merezhivo).

My scientific activity is related to the important problem of the development and expansion of genetic resources of plants for use in breeding. I am the first author of Ukraine of a system of approaches, methods, and research methods that were developed for the formation and introduction into breeding practice of the gene pool of vegetable and melon plant species based on the studied patterns and variability of its potential. I formed a genetic bank of vegetable and melon plant species in Ukraine and was included in the National Bank of Genetic Plants of Ukraine. Including the biomorphological features of each culture and based on the results of experimental data, there were theoretically justified methodological approaches to the introduction of valuable economic traits. Also, there was conducted a comprehensive assessment of the traits of the gene pool collections on the basis of which new sources of selection-valuable traits were identified for early maturity, productivity, product quality, and resistance to biotic and abiotic factors for selection. There have been improved theoretical approaches to the formation of various types of collections, databases, replenishment of the diversity of the gene pool, its preservation, and practical use. There have been developed new and improved existing express methods of evaluation of raw material, which allow to significantly speed up the selection process. Based on the results of the research, there was developed the "Methodology for the formation of a bank of genetic resources of vegetable and melon plant species and its practical use".

Experience in teaching, practical classes, and seminars.

Part-time from 2006 to 2010, I was an associate professor in the Department of Genetics, Breeding and Seed Production of Kharkiv National Agrarian University named after V.V. Dokuchayev Teaching courses: Special genetics, Seed production, Breeding. From 2014 to 2020, I was a professor at the Department of Crop Production at **БІЛ ГАУ**.

(потрібна розшифровка або пояснення що це, не можу без цього коректно перекласти)

Teacher of the educational-scientific program "Agronomy" of the third level of higher education of the Institute of Vegetable and Melon Growing in the disciplines: "Methodological foundations of the organization and conduct of scientific research", "Plant genetic resources" (2018, 2022).

Additional Information:

I am the author of more than 200 printed scientific works, including 5 articles in Scopus and Web of Science publications, 14 copyright certificates for varieties, 5 patents for utility models, and 14 certificates for registration of collections and lines. Also, I participated in the development of 7 state standards of Ukraine: "Pepper and eggplant. Cultivation technology", "Plots and schemes of sowing in the selection, variety testing and primary seeding", "Vegetables for baby food. Growing technology", Technical conditions for vegetables: rhubarb, broccoli cabbage, Savoy cabbage, hot pepper.

I actively introduce new scientific approaches among colleagues and young scientific personnel. Under my supervision, there were defended 3 candidates theses one was prepared for defense.

Personal qualities responsible, proactive, and sociable. I have a desire to actively use my many years of practical work experience when solving problematic/difficult issues of breeding and genetic resources of plants, and also actively participate in the organization of practical training for students of agricultural higher education institutions.

Google Academy profile:

https://scholar.google.com.ua/citations?view_op=new_profile&hl=ru

Scopus profile:

<https://www.scopus.com/authid/detail.uri?authorId=57197814631>