CV Oleksiy Volodymyrovych Melnyk

Date of birth: 16.06.1976

1. Education:
- Kharkiv State Agrarian University named after V. V. Dokuchaeva, specialty "breeding and genetics of agricultural plants" (1993-1998)
- postgraduate studies at the Institute of Vegetable and Melon Growing, Kharkiv (1999 – 2003)

2. Scientific degree: - candidate of agricultural sciences, specialization 201 "Agronomy".

3. Field of activity – technology and seed production of vegetable crops and potatoes.

4. Employment:
From 1998 to the present - the Institute of Vegetable and Melon of the National Academy of Agrarian Sciences of Ukraine (IOB of the NAAS) in the following positions:
• junior researcher of the laboratory of seed production and seed science of potatoes (from 1998 to 2002).
• Researcher at the Laboratory of Seed Production and Seed Science of Potato (from 2002 to 2009).
• in 2008, he defended his candidate's thesis on the specialty 06.01.14 - "seed production" (Diploma DK No. 052792.);
• senior researcher of the laboratory of Seed Production and Seed Science of Potato (from 2009 to 2015);
• in 2016, he received the scientific title of a senior researcher in the specialty 06.01.05 - "breeding and seed production" (AS certificate No. 001678);
• head of the laboratory of adaptive vegetable growing, storage and standardization (from 2015 to 2021);
• since 2017, he has been a member of the Scientific Council of the IOB of the NAAS;
• in 2018-2021, performed the duties of the secretary of the Scientific Council of the IOB of the NAAS D 65.357.01;
• from 2021 – a doctoral student of the IOB of the NAAS, specialty 201 "Agronomy";
• currently - senior researcher of the laboratory of adaptive vegetable growing, storage and standardization.

During the period of my work: with direct participation in the PSR (program of scientific research) "Potato Growing" and "Vegetable Growing" 20 scientific developments were developed and patented. The process of potato seeding in the region using double-crop culture, biologically active substances and new technological solutions has been scientifically substantiated and established. The process of obtaining planting material of winter garlic by using biotic and abiotic

factors has been improved. The development of biological systems for growing vegetables is ongoing.

The results of scientific research are highlighted in 136 publications, including 120 scientific works, including patents for inventions and utility models, as well as DSTU, scientific works published in national and international specialist publications, recommendations.

Currently, my activity is aimed at the development of adaptive technologies for obtaining vegetable products and potatoes, taking into account climate changes, energy and resource conservation. Varietal characteristics of vegetatively propagated plants (potatoes, garlic) are being researched, taking into account their physiological and biochemical state and growing conditions. Significant results have been achieved in the application of ozone technologies for pre-planting seed preparation.

According to agreements on creative cooperation, I participate in joint research with the Kharkiv Institute of Physics and Technology and the Kharkiv National Technical University of Agriculture named after P. Vasylenko (now Kharkiv Biotechnology University).

5. Internship and international cooperation.

Took part in 44 (number) conferences (by specialty profile).

He completed an internship and received a certificate of an expert advisor of the advisory service.

6. Personal qualities Initiative, responsible, respected by the team.

7. Home address. 61111 Kharkiv, 65 Yuvileyniy avenue, sq. 11

v. +380661614464

E-mail: melnik.matilda@gmail.com;

ORCID - 0000-0002-0965-6116