

VITANOV OLEKSANDR DMYTROYCH

Date of birth: 28.11.1951

Education: Kharkiv National Agrarian University named after V.V. Dokuchayev (1969 – 1974); specialty - "scientist agronomist";

Postgraduate studies The Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine (1976 – 1979).

66581968. **Scientific degree:** Doctor of Agricultural Sciences (2002); specialty - "vegetable cultivation".

66581969. **Academic title:** professor (2006); specialty - "vegetable cultivation".

4. **Employment:**

From 1974 to the present, the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine. The head of the Department of the Latest Technologies for Growing Vegetable and Melon Crops.

5. **Contribution to the agricultural science:** I devoted my scientific activity to issues of theoretical substantiation and development of scientific foundations:

- specialized vegetable rotations;
- weed control systems;
- preservation of soil fertility;
- the alternative system of production of vegetable products and seeds (organic farming);
- technologies for growing vegetable crops based on hydroponics;
- methods and modes of irrigation of vegetable plants;
- energy-efficient technologies for the production of vegetables and seeds;
- methodologies of the adaptive system of growing vegetable crops;

Now my scientific activity is aimed at the development of scientific and methodological aspects of the formation of Mix Cropp and Rot-Mix under the strip method of growing vegetables and related crops on the basis of allelopathic testing.

6. **Participation in scientific and pedagogical work, training and certification of scientific and pedagogical personnel:**

Under my supervision, there were defended 15 candidate theses in the specialties "vegetables" and "seed production" and 1 doctorate - in the specialty "vegetables"; 1 doctoral student continues his studies.

Since 2003 - I am the head of the specialized scientific council D 65.357.01 at the Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine (specialties: vegetable growing; selection and seed production);

at the same time (2005 - 2011) I am a member of the specialized scientific council D 64.366.01 (specialty: "seed production", and then "plant production") at the Instytut Roslynytstva Imeni V. Ya. Yur'yeva Naan and (2012 - 2015) of the specialized scientific council D 64.354.01 (specialty: "agrochemistry") at the Institute of Soil Science and



Agrochemistry named after ON Sokolovsky NAAS of Ukraine

I defended candidate and doctoral theses, worked as a member of expert councils on the examination of dissertations of the Ministry of Education and Culture (2010). Also, I am a leading teacher of the disciplines "Seeding of vegetable plants" and "Methodology of research" (2003 - 2019, part-time).

I am the head of the state examination commissions for the period of defense of diploma theses in the specialty 203 "Horticulture and Viticulture" at the Kharkiv National Agrarian University named after V.V. Dokuchayev (2005 - 2021).

From 2016 to the present, I have been a teacher of the educational and scientific program "Agronomy" of the third level of higher education at the Institute of Vegetable and Melon Growing of the National Academy of Sciences in the disciplines: "Scientific bases of production of vegetable and melon products", "Methodology of production of organic vegetable and melon products" and " Technological aspects of vegetable seed production".

7. Implementation of scientific developments: The results of many years of research were used by the following organizations and institutions: "Ukrzemproekt", "Ukrplodoovchprom", "Ukrsortnasinneovoch", "Kharkivgiprovodhosp", Ecological Center "Agroecos", vegetable farms of various forms of ownership in Kharkiv, Luhansk, Kherson, Poltava, Kyiv and other regions of Ukraine. which are confirmed by certificates and acts, and in the educational process of the Kharkiv National Agrarian University named after V.V. Dokuchayev.

My scientific developments are a component of sectoral and state complex programs for vegetable production; 8 National standards for technologies for growing vegetables and seeds and 1 - for methods of determining weediness. Co-author: 2 inventions, 1 patent for a variety, 18 patents for a utility model. Under my authorship or editorship, there have been published 4 monographs, 1 study guide, and 2 books for amateur vegetable growers. Also, my research results have been covered in more than 200 publications, including popular publications ("Vegetables", "Grain", "Plantator", etc.). I worked on television where I reported my works at industry conferences, meetings, round tables, seminars, etc. The innovative business project "Energy-saving technologies for the production of vegetable products based on hydroseeding" was the winner of the International project competition "Kharkiv Initiatives" (2010). I constantly maintain contact with producers of vegetable products.

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Profile <https://scholar.google.com.ua/citations?hl=uk&user=NxOd1hYAAAAJ>

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