

CV  
DATSENKO SVITLANA MAKSYMIVNA

**Date of birth:** 25.12.1962

**Education:**

- Kharkiv National Agrarian University named after V.V. Dokuchayev, specialty "accounting and analysis of the economic activity in agriculture" (1980-1986)

- Researcher of the Institute of Vegetable and Melon Growing, Kharkiv (2011-2015)

Scientific degree: - Candidate of Agricultural Sciences, Specialty: "Vegetables".



**Field of activity** – Agriculture

**Employment:**

The Institute of Vegetable and Melon growing of the National Academy of Agrarian Sciences of Ukraine held the following positions (since 1980 to the present):

- a laboratory assistant of the department of storage, processing and standardization (1980 - 1984);
- an engineer of the department of storage, processing and standardization (1984 - 1988);
- a senior agronomist of the department of storage, processing and standardization (1988);
- a leading engineer of the storage and standardization group (1988 - 1991);
- a junior researcher of the storage and standardization group (1991 - 1993);
- a researcher of the storage and standardization laboratory (1993 - 2010)
- a senior researcher of the storage and standardization laboratory (2010 - 2017);
- a researcher of the laboratory of adaptive vegetable growing, storage and standardization (2017 - 2019);
- a senior researcher of the laboratory of adaptive vegetable production, storage and standardization (from 2019 to the present).

### **During my work:**

There was investigated the effect of different types of fertilizers and biological preparations on increasing the yield, quality, and shelf life of table beet, and also its seed productivity (2011–2015). Based on the results of the research, there was prepared a dissertation on the topic: "Formation of productivity and quality of table beet depending on fertilization systems and biological preparations in the conditions of the forest-steppe of Ukraine"; in order to improve the current standard (2014-2015), there were developed the parameters and norms of cucumber quality; there were developed scientific principles of monitoring the signs of quality and shelf life of vegetable products (2016–2020); also, state standards of Ukraine (72 DSTU) for fresh vegetables, technology for growing vegetables and vegetable seeds, 35 state standards were harmonized with international ones (DSTU ISO) (1980-2021).

The research results have been covered in more than 80 scientific publications, including popular scientific publications ("Vegetables and Fruits", "Plantator", etc.).

Now my activity is related to the study of the influence of biotic and abiotic factors on the physiological and biochemical processes of forming the yield and quality of shallots and winter garlic under alternative methods of cultivation, which includes: determining the effect of biotic factors on the formation of quality and productivity of onion vegetable plants; substantiation of the effect of ozone on pests and diseases and the quality of planting material onion vegetable plants; justification of the effectiveness of using alternative methods of growing onion vegetable plants.

**Personal qualities:** responsible, communicative, proactive.

### **Project work experience:**

Development of the National Standards of Ukraine for fresh vegetables, for the technology of growing vegetables and seeds of vegetable crops (from developing projects to their approval and adoption as national standards).

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