

## MYKHAYLYN VOLODYMYR IHOROVYCH

### Contact Information:

tel. 068-003-92-78

e-mail: [vlmykhailyn@ukr.net](mailto:vlmykhailyn@ukr.net)

### Education:

1995–2000

Kharkiv National University named after V.N. Karazin

Specialty: chemist, chemistry teacher

Candidate of Agricultural Sciences

("vegetables", 2018);

### Head of the laboratory of agrochemical research and product quality



The field of activity is the creation and implementation of alternative systems for optimizing the nutrition of vegetable plants using sideral and bacterial fertilizers; improvement of existing and development of new methods for determining biologically active substances in vegetable products.

### Experience:

1. Extensive work experience (over 20 years) in the laboratory for the analysis of plant products (determination of sugar, vitamin C,  $\beta$ -carotene, pectins, starch, peroxidase activity) and indicators of soil fertility (determination of nitrate nitrogen, available phosphorus, exchangeable potassium, organic soil substances) etc.
2. The system of using fertilizers in irrigated vegetable and fodder crop rotations, which ensures reproduction of soil fertility and obtaining a stable yield of vegetable plants of standard quality; methods of using complex fertilizers with macro- and microelements in intensive systems of vegetable production;
3. Alternative systems for optimizing the nutrition of white and red cabbage, tomato, cucumber, carrot, beet, onion with the use of sideral fertilizers and microbial preparations;
4. A new method for determining the content of "raw" fiber in vegetable products, an improved method for determining sugars in vegetables with a high starch content;
5. DSTU 8780:2018 Beets. Method for determining betanin. 2019, (valid from 10/01/2019).

### *Профіль Google Академія:*

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

[ID orcid: 0000-0002-0819-022X](https://orcid.org/0000-0002-0819-022X)