

# AZERBAIJAN STATE AGRICULTURAL UNIVERSITY

**Name:** Fariz

**Surname:** Alakbarov

**Father's name:** Shahin

**Date of Birth:** 20.02.1980

**Work phone:** -

**Mob:** +994703180545

**Email:** alekberovfariz@yahoo.de

**Faculty:** Agronomy

**Department:** General Agriculture, genetics and plant breeding



## EDUCATION, SCIENTIFIC DEGREES AND SCIENTIFIC NAMES

In 2000, he graduated with honors from the Faculty of Mechanization of Agrarian Production of the Azerbaijan Agricultural Academy with a bachelor's degree.

In 2003, he graduated with honors from the Faculty of Mechanization of Agrarian Production of the Azerbaijan Agricultural Academy with a master's degree.

In 2009 he graduated from the Azerbaijan Scientific Research Institute of Cotton and successfully defended his dissertation. In 2011 he was awarded the degree of Doctor of Philosophy in Agrarian Sciences, majoring in general agriculture.

In 2013-2018, he received a doctorate in agrarian sciences from the Azerbaijan State Agricultural University, majoring in general agriculture.

In 2019, he received the title of associate professor.

## EMPLOYMENT

1) From 09.2010 to present: Associate Professor at the Department of "General Agriculture, genetics and plant breeding" of the Azerbaijan State Agricultural University, Deputy Head of the Department for Scientific Affairs, Scientific Advisory Council of the Supreme Attestation Commission of the Republic of Azerbaijan FD.04.131 established at ADAU Secretary, as well as other current scientific and social activities at the university:

- Member of the Bureau of the Council of Young Scientists and Specialists of Agrarian Science of the Republic of Azerbaijan
- Scientific Secretary of the seminar council on dissertation defense at ADAU
- Member of the Technical Council at ADAU
- Member of the method council at ADAU

Lectures and laboratory-practical lessons on various subjects:

Bachelor - "Ecological Agriculture", "Agriculture", "Soil Conservation Agriculture", "Fundamentals of Crop Production (Module 2 on the German management program)", "Technology of crop production", "Fundamentals of Agronomy"

Master's degree - "Agricultural systems", "Biological agriculture",

At present, I am the author of a total of 54 scientific works, including 5 textbooks, 12 subject programs, 1 methodical instruction, 8 recommendations and 28 scientific articles. I have supervised three master's dissertations. Currently, I am a scientific adviser for 1 doctoral dissertation and 1 supervisor of 1 dissertation. In addition, I have participated in several domestic and foreign scientific conferences. I have also taken several refresher and training courses, including seminars, and received certificates

2) October 30, 2020 - May 30, 2021: Good Agricultural Practices (GAP) in the EU-funded project "Effective Management of Natural Resources and Protection of Ecosystem Services (ECOSERVE) for Sustainable Rural Development in the South Caucasus" implemented by the GIZ Azerbaijan Office national consultant on

3) April 17-September 30, 2020: EU-funded project "Strengthening Agrarian Information Advisory Services" implemented by FAO Local FAO Azerbaijan Agrarian Advisory System Assessment and Training Consultant (expert)

4) August 2-December 30, 2019: National consultant on agricultural advisory services in the project "Capacity building in the field of information and advisory services on agriculture in Central Asia" funded by the UN FAO

5) January 3 - June 30, 2019: Training Coordinator in the Local and Regional Development Support (SLRD) project in Ganja-Gazakh Economic Region implemented by GIZ Azerbaijan with the financial support of the European Union (EU) at QABUS Consulting LLC

6) November 28, 2018 - October 30, 2019: Greenhouse in horticulture and animal husbandry under the project "Fourth National Communication and Second Biennial Report for the United Nations Framework Convention on Climate Change (UNFCCC)" funded by the United Nations Development Program local expert on gas emission inventarization

7) February 1-April 30, 2018: Agronomist in the project "Support to strengthening and development of socio-economic opportunities of low-income rural families in Dashkesan, Goranboy and Samukh regions" implemented by the Ganja Agribusiness Association (GABA) with the financial support of the European Union (EU) -expert

8) November 1, 2017 - May 30, 2018: Instructor in the development of the module "Cultivation of fruit and vegetable crops in indoor conditions" in the framework of the British Council-funded Avedno Azerbaijan Agricultural Project.

- 9) 01 July 2017-10 January 2018: Ganja Agribusiness Association (GABA) is an expert on open and covered field vegetables in the Smart Farmer Project (SAF) implemented with the financial support of the United States Agency for International Development (USAID).
- 10) October 20, 2016-November 30, 2017: "Sustainable Land and Forest Management in the Greater Caucasus Landscape" funded by the United Nations Development Program and the EU-funded "Ecosystem-Based Climate Change" trainer / consultant for teachers and students in the newly established specialties of animal husbandry, crop production and agro-service at the Regional Agriculture and Tourism Training Center (former Gabala Vocational School) in Gabala within the framework of "approach" projects
- 11) July 26-August 4, 2017: Expert to provide feedback on the "Intercropping" training module for vocational schools developed under a contract with the British Council Baku office under the British Council-funded Avedno Azerbaijan Agricultural Project
- 12) February 1, 2017 - June 30, 2017: Instructor in the development of modules for the organization of production in cotton and horticulture "SEFT Consulting" LLC in the framework of the British Council-funded project Avedno Azerbaijan Agriculture.
- 13) September 2013-June, 2016: Marketing Research Specialist in the World Bank-funded "Support to IDP Youth" project at the Ganja Regional Economic Advisory Center
- 14) July 23-September 23, 2016: Sustainable Land and Forest Management in the Greater Caucasus Landscape funded by the United Nations Development Program and the EU-funded Ecosystem-Based Approach to Climate Change projects Instructor in the development of modules on agricultural specialties suitable for Gabala City, Regional Agriculture and Tourism Training Center (former Gabala Vocational School). Modules developed for this task: Environment and Climate and Fertilizers and their use
- 15) January 28-May 5, 2016: Expert-expert on testing and organization of experiments of Rezfree bacterial soil biopreparation product of Biotech Group in Ganja-Gazakh zone, in open and covered sowing conditions
- 16) July 2014-October, 2015: In the framework of the World Bank-funded "Water Supply Community Development Project (WSDP)" funded by the World Bank at the Ganja Regional Economic Advisory Center modern cultivation technology, soil fertility, irrigation, etc.) training manager in the subcomponent of training organization and instructor on preparation of training modules
- 17) February-March, 2015: Trainer on advanced cultivation technology and seed production of some vegetable crops for farmers engaged in vegetable seed at Oxfam Barda Representation
- 18) November-December, 2014: Trainer on business activities and business plan development for strawberry farmers at Oxfam Barda Representation
- 19) April-August, 2013: Chief agronomist of the landscaping department of Alterv LLC in Shamkir park complex named after H. Aliyev

20) October, 2010-February, 2011: "Reducing the risks of landslides and environmental education of the population in Hajikand settlement of Ganja city and mountain and foothill villages of Goy-Gol region" funded by the Organization for Security and Cooperation in Europe (OSCE) in Ganja Regional Economic Advisory Center "Training and information manager in the project

21) January-December, 2011: Trainer, consultant at Baku Business Training Center

22) January, 2009, January 2010: Researcher in the "Agrotechnology" department of the Azerbaijan Scientific Research Cotton Institute

22) March-September, 2009: World Bank-funded project to provide consulting services to Sudanese Utilization Associations (WUAs) in the Goranboy and Zardab districts at the Ganja Regional Economic Advisory Center

23) 2007-2010: Ganja Business Group (GBG) specialist on websites and databases in the World Bank-funded project "II Agricultural Development and Lending"

24) November-December, 2008: Correspondent conducting a survey at the Ganja Regional Economic Advisory Center on the project "Improving the Competitiveness of the Private Sector" funded by CEMONICS under the USAID Program

25) June-December, 2006: Training Manager for the World Bank-funded "Agricultural Development and Lending" project at the Ganja Business Group (GBG)

2003-2004: Mechanical assistant at Uzum Trading LLC

2000-2001: Mechanical engineer at "Halallig" entrepreneurial enterprise

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## **RESEARCH AREA**

Scientific-research work on "Study of member-biological farming systems as an alternative to traditional agriculture in different agro-ecological conditions of the Republic" on the doctoral program of agrarian sciences

## **PARTICIPATION IN INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES**

1) April-June 2003. Short-term internship at the Weinstein Institute of Technology, funded by the GTZ project, Trizdorf, Germany

2) 2005, October-2006, February. GTZ German Technical Cooperation Society Ganja city German-Azerbaijani "agrarian economy and management" professional development course, Ganja city, Azerbaijan

3) July 17, 2007. Training on depreciation and insurance under the USAID program, Ganja, Azerbaijan

4) 2009, June 17-19. Seminar organized by the World Bank on "Monitoring and Management of Rural Advisory Services". Baku city, Azerbaijan

5) August 17-September 1, 2012. International seminar on agricultural machinery technology organized in the People's Republic of China, Beijing, China

- 6) August 10-23, 2014. International Summer School on Sustainable Agriculture in the 21st Century, organized at the University of Kaposvar in the Republic of Hungary. Kaposvar city, Hungary
- 7) 2015, April 1-3. Seminar on "Development of the concept of grant proposals" organized by CRDF, Ganja, ADAU, Azerbaijan
- 8) June 9-6, 2015. Theoretical and practical seminar on "Agriculture and water-saving irrigation systems and technologies around the oasis within the Eurasian countries" organized by the Ministry of Commerce and Commerce of the People's Republic of China and Shihezi University, Beijing and Shihezi, China
- 9) November 8-20, 2015. International seminar on "Development and management of food security policy" organized by the Japan International Cooperation Agency (JICA), JICA, Tokyo, Japan
- 10) November 21-24, 2017: Seminar on "Training of inspectors for organic farming and crop production" with the support of the Food and Agriculture Organization of the United Nations (FAO), FAO, Azerbaijan, Baku
- 12) October 15-19, 2018: Seminar on "Organic Agriculture, Production, Email, Certification and Marketing" with the support of the Food and Agriculture Organization of the United Nations (FAO), FAO, Moscow, Russia
- 13) 29 October-02 November, 2018: Azerbaijan Agricultural Training and Development Center  
Participated in the science-education exchange and cooperation program at the University of Texas with financial support and organization. College station, Houston, Texas, USA.
- 14) 02-07 November, 2018: International conference on "Increasing productivity in times of climate change." Organized by the American Society of Agronomists. Baltimore, Maryland, USA.
- 15) August 27, 2019: Seminar on "Raising awareness of the Green Climate Fund" organized by the United Nations Development Program, UNDP, Azerbaijan, Ganja
- 16) September-December, 2020: 5 training courses for agrarian consultants on "Organic Agriculture, Seed Production, Canned Agriculture, Integrated Plant Protection and Greenhouse Management" organized by the Food and Agriculture Organization of the United Nations (FAO), FAO, Azerbaijan Baku
- Including local international conferences held in our country and at the university (materials are described in the articles section)

## **SCIENTIFIC WORKS**

- 1) Alakbarov F.Sh. and b. Increasing the productivity of alfalfa in the absence of irrigation water during the hot summer // Azerbaijan National Academy of Sciences, Ganja Regional Scientific Center, Newsletter, №25, Elm Publishing House, Ganja, 2006, p.63-65.
- 2) Alakbarov F.Sh. Influence of cultivation methods of soil at different depths on its water-physical properties, aggregate productivity and fuel consumption // Collection of works of Azerbaijan Scientific Research Institute of Cotton, №76, Ganja, 2007, p.61-64.
- 3) Alakbarov F.Sh. and b. Three-layered cotton-alfalfa-grain crop rotation: application and effect of soil cultivation on clover plant density // Azerbaijan National Academy of Sciences, Ganja Regional Scientific Center, News Bulletin, №30, Elm Publishing House, Ganja, 2007, p. 55-59

- 4) Alakbarov F.Sh. Influence of cultivation of different depths on the productivity of grain and alfalfa in three-row cotton-clover-grain rotation // Azerbaijan Agrarian Science, Elmi 1, Baku, 2008, p.75-76
- 5) Alekperov F.Sh. and others. Evaluation of methods for determining the quantity of newly formed humus from the reserves of plant residues // Azerbaijan Agrarian Science, № 6, Baku, 2008, p.23-24
- 6) Alakbarov F.Sh. Farmer Rafi increases grass productivity by rejuvenating old clover // State Agency for Agricultural Credits under the Ministry of Agriculture, Second C / T Development and Lending Project, Ganja Business Group, recommendation-booklet, June, 2008, 2p.
- 7) Alakbarov F.Sh. Short-field, new crop rotation system for small cotton farms // Azerbaijan State Agrarian University, Proceedings of the scientific-practical conference on "Agrarian reforms, realities and problems in modern times" for graduate students, masters and bachelors, Ganja, 2009, s. 29-32
- 8) Alekperov F.Sh. Dynamics of water-physical properties of soil in dependence on methods and depths of its processing in threefold rotation // Agrarian Science, №5, 2009, M., p.13-14
- 9) Alakbarov F.Sh. Agro-economic efficiency of three-row cotton-alfalfa-grain rotation // Azerbaijan Agrarian Science, № 6, Baku, 2009, p.168-170
- 10) New rotation crop system with short rotation for peasant farms engaged in cotton growing // Azerbaijan Scientific Research Institute of Cotton, 12.01.2010, pr№1. recommended booklet
- 11) Alakbarov F.Sh. Protection and increase of soil fertility in existing farms engaged in cotton growing // Azerbaijan State Agricultural University, Materials of the scientific-practical conference of young scientists on "Development directions of agrarian science", Ganja, 2010, p. 30
- 12) Alakbarov F.Sh. From the world experience on cotton crop rotation // Collection of works of Azerbaijan Scientific Research Institute of Cotton, №78, Ganja, 2010, p.40-42.
- 13) Alekperov F.Sh. On the issue of preservation and growth of fertile soil in small farms // Krasnoyarsk State Agrarian University, Proceedings of the International Correspondence Scientific Conference (April 25, 2011), p.7-9
- 14) Alakbarov F.Sh. How to protect crops from the effects of climate change // State Agency for Agricultural Credits under the Ministry of Agriculture, Second C / T Development and Lending Project, Ganja Business Group, February 2011, recommendation-booklet
- 15) Alakbarov F.Sh. The role of modern agro-technologies in improving the biological activity of the soil and maintaining its fertility // Collection of works of the international scientific conference "Azerbaijani lands: genesis, geography, amelioration, efficient use, ecology" dedicated to the 85th anniversary of Professor Mukhtar Rzagulu oglu Abduev. Baku, 2012, p. 195-199
- 16) Alakbarov F.Sh. and b. Modernization of the management structure in higher education institutions of the Republic of Azerbaijan // Materials of the international symposium on "International trends in the renewal and development of education: price, value and quality in the credit system", November 23-24, 2012, Ganja, Azerbaijan, p.76-77.
- 17) Alakbarov F.Sh. and b. Agroecological aspects of the use of chemicals in intensive agriculture // Scientific works of ADAU, №1,2013, p.62-66.
- 18) Alakbarov F.Sh. and b. Organization of the application of crop rotation in new forms of farming // Azerbaijan State Agrarian University, dedicated to the 90th anniversary of national leader Heydar Aliyev 18) Materials of the "Republican scientific-practical" conference, April 25-26, 2013, p. 39-42.
- 19) Alekperov F.Sh. Influence of methods and depths of basic processing of soil on productivity of culture of three-way revolution // Proceedings of the VII International

scientific-practical conference of young researchers "Science and youth": new. Volgograd, May 2013, pp.155-157

20) Alekperov F.Sh. Influence on water-physical properties of soils, methods and depths of its processing under sowing of winter wheat with spring sowing under alfalfa // Materials of VIII International scientific-practical conference of young people: ideas of young people Volgograd, April 2014, pp.186-190

21) Alakbarov F.Sh. and b. Cultivation of wheat on the basis of ecological agriculture by advanced sowing methods // Azerbaijan Technological University, Proceedings of the conference on "Sustainable development and technological innovations", 2014, p. 36-40

22) Alakbarov F.Sh. Some agro-ecological aspects of intensive and organic-biological farming systems applied in improving soil fertility // Agrarian Science Center, International Scientific Conference on "The role of young scientists in agriculture: problems and opportunities" dedicated to the 91st anniversary of national leader Heydar Aliyev and National Salvation Day materials, June 17-18, 2014, p. 140-145

23) Alakbarov F.Sh. and b. Influence of various predecessor plants on soil fertility and cotton productivity // Scientific works of ADAU, №3, 2014, p.12-16

24) Alakbarov F.Sh. and b. New crop rotation system with short fields for farmers sowing grain, alfalfa and cotton // Scientific works of ADAU, №2, 2015, p.24-26

25) Alakbarov F.Sh. Advice to farmers on land mulching and its importance // „ Sudan Users' Association Development Project (SIBIDL), Ganja Regional Economic Advisory Center, June-2015, recommendation-booklet

26) Alakbarov F.Sh. and b. Guidelines for determining the reaction of the soil environment with a modern electronic pH meter. Publishing house of ADAU, Ganja, 2016

27) Alakbarov F.Sh. and b. The effect of biohumus on the structural state of the soil under the tomato plant in the greenhouse. Azerbaijan State Agrarian University, academician M.I. Materials of the republican scientific-practical conference on "Ways to increase soil fertility in Azerbaijan" dedicated to the 80th anniversary of Jafarov, July 08, 2016, p. 218-221

28) Alekperov F.Sh. and others. Alternation of culture in biological struggle with weeds. Collection of scientific works on materials of the international full-time scientific-practical conference "Resource-saving technologies in agriculture", Yaroslavl, 2016, p.33-36.

29) Alakbarov F.Sh. Environment and climate. Textbook on the module developed within the framework of the United Nations Development Program "Sustainable Land and Forest Management in the Greater Caucasus Landscape" (with financial support from the Global Environment Facility) and "Ecosystem-based approach to climate change" (with financial support from the European Union), Education Republic of Azerbaijan Ministry, Baku 2016.

30) Alakbarov F.Sh. Fertilizers and their use. Textbook on the module developed within the framework of the United Nations Development Program "Sustainable Land and Forest Management in the Greater Caucasus Landscape" (with financial support from the Global Environment Facility) and "Ecosystem-based approach to climate change" (with financial support from the European Union), Education Republic of Azerbaijan Ministry, Baku 2016.

31) Alakbarov F.Sh. Cotton growing. Modular textbook for "Crop Production" prepared at Gabala State Vocational Training Center within the AVEDNO Azerbaijan Agricultural Project with the financial support of the British Council, Ministry of Education of the Republic of Azerbaijan, Baku 2017.

32) Alakbarov F.Sh. Preparation of herbal medicines against diseases and pests in ecological agriculture

Rules. Developed as part of the USAID-funded "Smart Farm-SAF" project, GABA, 2017.

33) Alakbarov F.Sh. In the treatment of vegetable seeds application of biopreparations. Developed as part of the USAID-funded "Smart Farming-SAF" project, GABA, 2017

- 34) The effect of biohumus on the structural state of the soil under the tomato plant. Developed as part of the USAID-funded "Smart Farming-SAF" project, GABA, 2017.
- 35) Alakbarov F.Sh. and b. The role of integrated control measures in reducing the use of herbicides. Azerbaijan Agrarian Science, № 4, Baku, 2017, p.184-85
- 36) Alakbarov F.Sh. Organization of production in horticulture. Modular textbook for "Crop Production" prepared at Gabala State Vocational Training Center within the framework of AVEDNO Azerbaijan Agricultural Project with the financial support of the British Council, Ministry of Education of the Republic of Azerbaijan, Baku 2018.
- 37) Alakbarov F.Sh. Cultivation of fruit and vegetable crops in greenhouses. Modular textbook for "Vegetable Master" specialties developed at the Gabala State Vocational Training Center within the AVEDNO Azerbaijan Agricultural Project with the financial support of the British Council, Ministry of Education of the Republic of Azerbaijan, Baku 2018.
- 38) Alekperov F.Sh. and others. Influence of biological products on yield and structural elements of tomato in greenhouse soil // Scientific works of ADAU, №3, 2018, p. 10-13.
- 39) Alekperov F.Sh. Influence of different biological products on fruit soil and tomato yield, grown in greenhouse soil // Azerbaijan State Agrarian University, academician C.A. Materials of the scientific-practical conference of young researchers on "Study of the scientific heritage of Academician Jalal Aliyev" dedicated to the 90th anniversary of Aliyev, September 28, 2018, p. 19-27.
- 40) Alekperov F.Sh. and others. Dynamics of distribution of weeds in corn crops grown under conditions of crop rotation and monoculture // Sc scientific journals. The Caucasus Economic and Social Analysis Journal, ISSN: 2298-0946, E-ISSN: 1987-6114 DOI Prefix: 10.23747, October 2018, Volume 26, Issue 05, Georgia, Tbilisi 2018, p. 9-12
- 41) Alakbarov F.Sh. Successes of the pilot project // Ministry of Education of the Republic of Azerbaijan, scientific-practical, methodical magazine "Vocational education and human capital", ISSN 2016-5503, Volume 1, №3, Baku, 2018, p.91-94.
- 42) Alakbarov F.Sh. and b. The effect of integrated control against weeds on corn productivity // Scientific works of ADAU, №1, 2019, p. 4-7.
- 43) 12 subject programs

## **LANGUAGE SKILLS**

English

Russian