# AZERBAIJAN STATE AGRICULTURAL UNIVERSITY

Name: Mina

Surname: Mammadova Father's name: Zaman Date of Birth: 05.03.1976

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Faculty: Agronomy

**Department**: General agriculture, genetics and plant

breeding



## EDUCATION, SCIENTIFIC DEGREES AND SCIENTIFIC NAMES

In 1997 she graduated from the agronomic faculty of the Azerbaijan Agricultural Academy (ADAU);

In 1999 she graduated from the magistracy of the Azerbaijan Agricultural Academy (ADAU) in the specialty "Seed breeding of agricultural crops"

In 2017 she defended her thesis on the topic "Influence of some agronomic techniques on productivity and mass of seeds of different varieties of cotton." for the degree of Doctor of Philosophy in agricultural sciences

#### **EMPLOYMENT**

2005 to present - senior lecturer at the Department of General agriculture, genetics and plant breeding.

2000 to 2005 - assistant at the Department of Genetics, selection and seed breeding. 1999 to 2000 - probationer at the Department of Genetics, selection and seed breeding.

Since 1999, she has been conducting lectures and laboratory classes in Azerbaijani, Russian and English in the undergraduate course in the following subjects: "Genetics", "Selection and seed breeding ", "Cytology", "Ecological Genetics", "Fundamentals of Scientific Research in Agronomy".

In the magistracy, he conducts lectures and laboratory classes in the following subjects: "Cytogenetics", "Fundamentals of Biotechnology", "Genetic Engineering", "Environmental Genetics", "Seed Production".

Author of over 60 scientific papers, articles, 2 textbooks, 1 methodological manual, 30 programs.

#### RESEARCH AREA

Influence of complex agronomic techniques on productivity and quality of seeds of promising varieties of cotton

### PARTICIPATIONS IN THE INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES

- **1.** 2012 IV International Extramural Scientific and Practical Conference "Scientific Discussion: Innovations in the Modern World". Moscow. certificate
- **2.** 2012 Agro-industrial complex: the contours of the future. International scientific and practical conference for students, graduate students and young scientists. Kursk.
- **3.** 2013 Fundamentals of rational nature management. Materials of the IV International Scientific and Practical Conference dedicated to the 100th anniversary of the Saratov State Agrarian University named after N.I. Vavilov and the 40th anniversary of the Department of «Geodesy, Hydrology and Hydrogeology» Saratov.
- **4.** 2014 Modern agricultural science: topical problems and prospects for the development of the century in the context of globalization. International scientific and practical conference. Ganja.
- **5.** 2015 "Science yesterday, today, tomorrow: theory and practice" International Symposium. Makhachkala.- certificate
- **6.** 2015 International Scientific and Practical Conference. World Science. Methodology of Modern Research. Dubai, UAE certificate
- **7.** 2016 "Fundamentals of rational nature management" V international scientific and practical conference. Saratov.
- **8.** 2016 International Scientific and Practical Conference "WORLD SCIENCE" III International Scientific and Practical Conference "Modern Scientific Achievements and Their Practical Application. Dubai, UAE- certificate
- **9.** 2017 International Scientific and Practical Conference "WORLD SCIENCE" "Scientific and Practical. Results in 2016. Prospects for Their Development" Abu-Dhabi, UAE certificate
- **10.** 2019 New and unconventional plants, and the prospects for their use. XIII International Symposium. Moscow, Peoples' Friendship University of Russia.- certificate **11.** 2019 International Training Workshop on Safe Production of Grains. People's Republic of China. certificate
- **12.** 2020 Priority vectors for the development of industry and agriculture. International scientific and practical conference. Days of Science. Makeevka. certificate

#### SCIENTIFIC WORKS

- 1. Influence of a complex of agrotechnical methods on the quality of seeds and the yield of promising varieties of cotton. IV International Extramural Scientific and Practical Conference "Scientific Discussion: Innovations in the Modern World" Moscow, August 20, 2012, pp. 119-122. (in Russian)
- **2.** Determination of the yield of raw cotton depending on agricultural practices. Agroindustrial complex: the contours of the future (materials of the international scientific-practical conference of students, graduate students and young scientists, Kursk, November 9-11, 2011; part 2) Publishing house of the Kursk State Agricultural Academy 2012, pp. 267-271. (in Russian)

- **3.** The influence of a complex of agrotechnical methods on the yield of cotton, the quality of seeds and the technological parameters of the fiber. Materials of the republican scientific-practical conference dedicated to the 90th anniversary of the National Leader Heydar Aliyev (25 .... 26 April 2013). Ganja. pp. 9-12 (in Azerbaijani)
- **4.** The gene pool of grain crops. Fundamentals of Rational Nature Management Materials of the IV International Scientific and Practical Conference dedicated to the 100th anniversary of the Saratov State Agrarian University named after N.I. Vavilov and the 40th anniversary of the Department of Geodesy, Hydrology and Hydrogeology (May 16-18, 2013, Saratov). pp. 342-346 (in Russian)
- **5.** The influence of a complex of agrotechnical methods on the structural indicators of cotton. Modern agricultural science: topical problems and prospects for the development of the century in the context of globalization. International scientific and practical conference. September 22-24. 2014. Ganja. Vol. III. pp. 7-11 (in Azerbaijani)
- **6.** Selection of corn in Azerbaijan. "Science yesterday, today, tomorrow: theory and practice" Materials of the International Electronic Symposium Makhachkala, February 20, 2015. pp. 64-69 (in Russian)
- **7.** Using local varieties to obtain new varieties of common wheat. International Scientific and Practical Conference. World Science. Methodology of modern Research (march 21-22, 2015) Dubai, UAE. cτp. 95-99(in Russian)
- **8.** Plant density and cotton yield. International Scientific and Practical Conference "WORLD SCIENCE" № 11(15), Vol.2, November 2016 Proceedings of the III International Scientific and Practical Conference "Modern Scientific Achievements and Their Practical Application (October 27 28, 2016, Dubai, UAE)" p.10-12 (in Russian)
- **9.** Influence of the timing of thinning and fertilizer rates on the yield of cotton. INTERNATIONAL ACADEMY JOURNAL Web of Scholar ISSN 2518-167X 8(8) November 2016 MULTIDISCIPLINARY SCIENTIFIC EDITION Founder-RS Global Media LLC, Kiev, Ukraine. p.10-12 (in Russian)
- **10.** Determining the timing of sowing cotton. Science and Education Studies №1(17), January-June, 2016 "Stanford University Press" p. 763-768 (in Russian)
- **11.** Influence of fertilizers on the weight of raw cotton. Fundamentals of rational nature management Collection of materials of the V international scientific and practical conference. Saratov, 2016. pp. 119-124 (in Russian)
- **12.** The yield and technological properties of the fiber, depending on the rate of fertilizers, the timing of sowing and thinning of plants. International Scientific and Practical Conference "WORLD SCIENCE" № 1(17), Vol.2, January 2017 Proceedings of the III International Scientific and Practical Conference "Scientific and Practical. Results in 2016. Prospects for Their Development" (December 27 28, 2016, Abu-Dhabi, UAE) p.20-22 (in Russian)
- **13.** Influence of agrotechnical practices on the structural indicators of cotton varieties. Ganja branch of the Azerbaijan National Academy of Sciences. Bulletin No. 1 (67), Ganja-2017, pp. 93-99. (in Azerbaijani)
- **14.** Application of phosphorus fertilizers at different times on cotton fields of meadow-gray soils of the Mil region of Azerbaijan. Scientific Light (Wroclaw, Poland). Vol. 1, No 7 (2017), ISSN 0548-7110 (in Russian)
- **15.** Effect of integrated agronomic practices on the growth and development of cotton European Sciences review Scientific journal № 1–2 2018 (January–February), Vienna ISSN 2310-5577 p. 204-210
- **16.** Effect of integrated agronomic practices on the growth of cotton. WORLD SCIENCE № 2(30), Vol.2, February 2018
- **17.** Influence of different sowing methods and fertilization rates on the height of the main stem, the formation of sympodial and monopodial branches of cotton varieties. Ganja branch of the Azerbaijan National Academy of Sciences. Bulletin No. 2 (76), Ganja-2019, pp. 179-185. (in Azerbaijani)

- **18**. Comparative study of introduced and local varieties of cotton. Collection of scientific papers on the materials of the XIII International Symposium-New and non-traditional plants, and the prospects for their use. Moscow, Peoples' Friendship University of Russia, 2019. pp. 151-153 (in Russian)
- **19.** Influence of agrotechnical practices on the quality indicators of cotton fiber. Azerbaijan National Academy of Sciences, Soil Science and Agrochemistry. Vol. 24, No. 2, December 2019, pp. 91-95 (in Azerbaijani)
- **20.** Technological properties and yield of cotton fiber depending on the rate of fertilizers. Priority vectors of industry and agriculture development. Materials of the III international scientific and practical conference. Days of science 2020. Vol. II, Makeevka, April 9, 2020 p. 62-65. (in Russian)

### LANGUAGE SKILLS

English

Russian