

# AZERBAIJAN STATE AGRARIAN UNIVERSITY

**Name:** Konul

**Surname:** Babayeva

**Patronymic:** Elcin

**Date of Birth:** 11.10.1988

**Work phone:** 2596469

**Mob:** 0552479188

**E-mail:** rkqbabayeva@rambler.ru

**Faculty:** Agronomy

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



## EDUCATION, SCIENTIFIC DEGREES AND SCIENTIFIC NAMES

In 2009 she graduated from the Agronomic faculty of the Azerbaijan State Agrarian University (ASAU).

In 2011 she graduated from the magistracy of the Azerbaijan State Agrarian University (ASAU) in the specialty "Seed production of agricultural crops"

In 2022 she graduated Phd in the specialty 3103.04 – "Plant breeding and seed breeding".

## EMPLOYMENT

Since 2021, associate professor (w. a. t.) the department of General Agriculture, genetics and plant breeding;

In 2021-2023, senior lecturer at the department of General Agriculture, genetics and plant breeding;

In 2013-2021, assistant at the department of General Agriculture, genetics and plant breeding;

In 2011-2013, a scientific worker in the laboratory "Cereals and legumes"

Lectures and laboratory classes in Azerbaijani and English at the undergraduate level "Genetics, plant breeding and seed production", "Fundamentals of scientific research in agronomy", "Genetics and plant breeding of forest culture";

The master's degree includes lectures and laboratory classes on the following subjects: "Special genetics", "Special plant breeding", "Ecological genetics", "Ecological seed production", "Transgenic plants and biodiversity", "Genetics", "Seed science", "Breeding of agricultural crops", "Genetic engineering".

Author of more than 62 scientific works, 1 textbook, 2 recommendation, 4 methodical instructions, 23 articles, 32 programs.

## **DIRECTION OF RESEARCH**

Carrying out scientific research in the field of genetics, selection, seed production

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

1. At the republic-wide scientific-practical conference dedicated to the 90th anniversary of National leader Heydar Aliyev (Ganja 2013);
2. At the international scientific-practical conference (Volume I, October 23-24, 2015 Ganja, Azerbaijan),
3. 3. At the II International Scientific Conference of Young Scientists, (October 26-27, 2017, Ganja)
4. Academician Jalal Aliyev and genetic resources of biological diversity, Republican Scientific-Practical Conference dedicated to the 90th anniversary of Academician Jalal Alirza oglu Aliyev (Ganja, 2018)
5. 5. V International Scientific and Methodological Conference "The role of physiology and biochemistry in the introduction and selection of agricultural plants (Volume II Moscow, April 15-19, 2019)
6. Scientific-practical, mobile seminar on improvement of autumn grain crops (Baku, 2017)
7. Learning the working principle of equipment for seed production and grain quality analysis in the grain quality laboratory at the Agricultural Institute, Baku, Azerbaijan, September 11-13. 2019.
8. Scientific research Institute of Horticulture, Department of Biotechnology, Study of the stages of in vitro propagation of plants by microclonal method, Baku, Azerbaijan, March 29-April 23, 2021.
9. Studying the stages of in vitro reproduction of fruit and berry plants by microclonal method at the Biotechnology Department of the Belarusian Fruit Science-Research Institute. Minsk, Belarus, 4–31 July 2021.
10. International training on plant breeding within the FAO-FTTP II Project at the Alata Horticultural Research Institute (Alata Bahçe Kùltürleri Arařtırma Enstitüsü) and the Eastern Mediterranean Agricultural Research Institute (East Mediterranean Agricultural Research Institute). Turkey, September 12-16, 2022

## **ARTICLES AND SCIENTIFIC WORKS**

1. Babayeva K.E, N.Y. Seyidaliyev The role of mutagens in plant life, Collection of articles of graduate students, masters and bachelors. Ganja 2008. (az)
2. Babayeva K.E, N.Y. Seyidaliyev, The effect of plant density on the structural indicators of cotton varieties, Materials of the Scientific-practical conference of young scientists on "Development directions of agrarian science and its ecological aspects" dedicated to the 80th anniversary of ADAU. Ganja 2010. (az)
3. Babayeva K.E, N.Y. Seyidaliyev. Influence of plant density on structural indicators of cotton varieties, innovations of fundamental, humanities and applied sciences Materials of citywide scientific-practical conference of bachelors and masters. Ganja 2010. (az)
4. Babayeva KE, F.H. Gurbanov, Al Iskandarov, A.A. Ahmadov. Methodical instructions on corn seed and its approbation. Agrobiological features of corn, recommendations on its cultivation and seed. Ganja 2012 Babayeva, K.E., Ability to

combine first harvest varieties in interspecific hybridization in wheat // - Ganja: Scientific works of ASAU, - 2018. №1, - p. 49-52. (az)

5. Babayeva, K.E., Gurbanov, F.H. Study of new forms of wheat and corn and their use in plant breeding // Materials of the republic-wide scientific-practical conference dedicated to the 90th anniversary of National leader Heydar Aliyev, - Ganja: ADAU, - 25-26 april, - 2013, - p. 30-31. (az)

6. Babayeva, K.E., Gurbanov, F.H. Biological and agricultural characteristics of F1 wheat hybrids obtained by interspecific hybridization // Materials of the international scientific-practical conference, I tom, - Ganja: ASAU, 23-24 october, - 2015, - p. 46-50. (az)

7. Babayeva, K.E., Gurbanov, F.H. Selection of parent material and method of crossbreeding in the production of new wheat hybrids // - Ganja: Scientific works of ASAU, - 2014. № 2, - p. 21-22. (az)

8. Babayeva, K.E., Gurbanov, F.H. Importance of interspecific hybridization in selection // - Ganja: Scientific works of ASAU, - 2014. № 1, - p. 55-56. (az)

9. Babayeva, K.E., Variability of protein content in grain of interspecific wheat hybrids (hard x soft) // - Ganja: News bulletin of Azerbaijan National Academy of Sciences, - 2018. №2 (72), - p. 143-147. (az)

10. Babayeva, K.E., Agricultural characteristics of F1 and F2 hybrids obtained by interspecific hybridization // II International Scientific Conference of Young Scientists, - Ganja: 26-27 october, - 2017, - p. 174-176. (az)

11. Babayeva, K.E. Vegetation periods of F3 plants obtained from interspecific hybridization // Academician Jalal Aliyev and genetic resources of biological diversity, Materials of the Republican Scientific-Practical Conference dedicated to the 90th anniversary of Academician Jalal Alirza oglu Aliyev, - Ganja: 30 november, - 2018, - p. 457-463. (az)

12. Babayeva, K.E., Organization of seed production of cereals and legumes in different environmental conditions // - Ganja: Scientific works of ASAU, - 2012, №3, - p. 53-54. (az)

13. Babayeva, K.E. Practicum in genetics. Book / K.E.Babayeva, N.Y.Seyidaliyev, F.H.Gurbanov, MZ.Mammadova, – Baki: Ecoprint,– 2019, - 284 p. (az)

14. Babayeva, K.E. Intergeneration hybridization of wheat and its role in selection // - Warsaw: INTERNATIONAL ACADEMY JOURNAL Web of Scholar, - 2017. 9(18), Vol.1, - p. 36-38. (rus)

15. Babayeva, K.E. Character of splitting in interspecific hybrids of wheat of the second generation // The role of physiology and biochemistry in the introduction and selection of agricultural plants, Collection of materials of the V International scientific-methodical conference, TOM II, - Moscow: - 15–19 april, - 2019, p. 108-113. (rus)

16. Babayeva, K.E., Gurbanov, F.H., Ashrafova, X.A. Heterosis in interspecific cross hybrids and its rate of occurrence // - India: World journal of pharmacy and pharmaceutical sciences, - 2018. v. 7, Issue 7, p. 1228-1233. (eng)

17. Determination of protein variability in grain of interspecific wheat hybrids (tr.aestivum x tr.durum), Research in: Agricultural & Veterinary Sciences, Vol.5, No.1, 29 April 2021

18. Müxtəlif səpin üsullarının, gübrə normalalarının, ucwurmanın və yığım müddətlərinin pambıq sortlarının məhsuldarlığına və iqtisadi göstəricilərə təsiri  
Международный научно-практический журнал ENDLESS LIGHT In SCIENCE, Алматы, Казахстан, 28 Октября 2022 23. Influence of different seeding methods and fertilization rates on the exit of fiber of cotton varieties, Journal of science. Lyon, 2022

19. Effects of different sowing methods, fertilizer rates, pinching and harvest times on the formation of sympodial and monopodial branches and falling of yield components in cotton cultivars, Development of science in the XXI century Proceedings of the IV

International Scientific and Practical Conference Dortmund, Germany, 30-31 March 2023.

20. Agricultural characteristics of F1 and F2 hybrids obtained by interspecific hybridization, Research in: Agricultural & Veterinary Sciences, Vol.7, No.1, 2023, pp.5-9, Jomard publication. 4 April 2023

21. The effect of compound fertilizer rates on the initiation of the essential growth stages and dynamics of maize in intercropping, Bulletin of environment, pharmacology and life sciences. [Published By: Academy for Environment and Life Sciences, INDIA], E-ISSN 2277-1808, March – 2023, Volume 12 (4)

## **LANGUAGE SKILLS**

Turkish - Good

English - Intermediate

Russian – Intermediate

Other – weak