

# AZERBAIJAN STATE AGRICULTURAL UNIVERSITY

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Faculty: Soil science and agrochemistry

Department: Agrochemistry



## EDUCATION, SCIENTIFIC DEGREES AND SCIENTIFIC NAMES

**1986** - graduated from the Faculty of Fruit and Vegetable and Viticulture of the Azerbaijan Agricultural Institute (now the Azerbaijan State Agrarian University)

**1992** - defended his dissertation on "The use of zeolite with fertilizers to increase soil fertility and potato production in the Ganja-Gazakh zone" and received the title of candidate of agricultural sciences in "Agrochemistry".

An associate professor since **2001**.

**2009** - defended his doctoral dissertation on "Development of scientific bases of the impact of the application of natural zeolite with fertilizers in soil fertility, plant productivity and quality in Ganja-Gazakh region" and received the title of Doctor of Agricultural Sciences in "Agrochemistry".

**2015** - became a professor of "Agrochemistry".

**2010 – present** a member of the Dissertation Council D 2.18 at the Institute of Soil Science and Agrochemistry of ANAS. He was the scientific supervisor of about 15 doctoral students. He is the author of about 130 scientific works, 52 articles, 3 books.

## EMPLOYMENT

**1990-2004** Head of Laboratory in the Dendrological Garden at the Azerbaijan Agricultural Institute, Assistant at the Department of Land Reclamation and Irrigation, Land Reclamation, Assistant at the Department of Soil Science, Assistant and Associate Professor at the Department of Land Reclamation, Hydraulics and Water Supply.

**2004-2008** Associate Professor at the Department of Ecology and Nature Protection at Ganja State University

**2008-2015** Director of the Azerbaijan SE Cotton Institute

**2015-2017 (November 10, 2017)** Deputy Director of the Institute of Plant Protection and Technical Plants ET

**January 19, 2018-2020 (January 13, 2020)** Director of Ganja Regional Agrarian Science and Innovation Center

**February 17, August 7, 2020** - Professor at the Department of Soil Science and Agrochemistry, Azerbaijan State Agrarian University

**2020 – present** the head of the Department of Agrochemistry of the Azerbaijan State Agrarian University.

## **RESEARCH AREA**

Restoration of soil fertility and study of plant nutrient balance

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

International event within the framework of the Action Plan for the Development Strategy of Cooperation of the Organization of the Islamic Conference producing cotton in Izmir, Turkey (2007-2011), February 2-5, 2009.

Conference of the CIS countries in Ashgabat, the capital of Turkmenistan, November 25-27, 2009 (Problems of sustainable development of the agro-industrial complex of the CIS countries in modern conditions).

## **SCIENTIFIC WORKS**

1. Aslanov G.A. Scientific basis for increasing cotton production in farms in Azerbaijan // Problems of sustainable development of the agro-industrial complex of the CIS countries in modern conditions. Mat. International scientific conference on November 25-27, 2009, Ashgabat, pp. 384-387

2. Aslanov G.A., Gasimova F.N. Optimal doses of fertilizers for potatoes in the western zone of Azerbaijan // M.: Potatoes and vegetables, M.: 2009, No. 3, p.28

3. Aslanov G.A. Cultivation of high yields of cotton and associated alfalfa, wheat while renewing the basis of agriculture in the cotton farming enterprises of Azerbaijan // Agrarian Science Az. Erbaydzhan, Bakı, 2009, No. 5, s.35-37

4. Aslanov H.A, Kazimov N.N, Abuzarli Z.A Tagiyev R.A. and b. Ways of growing high-quality cotton in peasant farms. Ganja, 2010, 36 p.

5. Aslanov HA, Nabiyeu IR Application and promotion of scientific achievements in production // Azerbaijan Agrarian Science, Baku, 2010, №3-4, p.33-34

6. Aslanov H.A, Jabbarov A.R Sustainable irrigation technology of cotton, providing restoration of soil fertility and protection of the environment // Azerbaijan agrarian science, Baku, 2010, № 5, p. 19-20
7. Aslanov H.A, Ibrahimov A.C. Influence of organic and mineral fertilizers on soil fertility and productivity in continuous cotton plantings // Azerbaijan agrarian science, Baku, 2010, №6, p.38-39
8. Aslanov H.A, Kazimov N.N An old scientific center living in the 85th year of scientific activity. 78th Collection of Works of AzETPI, Ganja, 2010, p.3-7
9. Aslanov H.A. Veliyeva M.A. Establishment of researcher-farmer relations contributes to the development of cotton growing // Azerbaijan agrarian science, Baku, 2011, №2, p.64-66
10. Aslanov HA, Nagiyev JA, Hasanov RG, Marlamova DS The role of green fertilizers in cotton growing // Azerbaijan agrarian science, Baku, 2011, №2, p.41-43
11. Aslanov H.A, Hasanova T.A Influence of fertilizers on crop productivity in grain, alfalfa-cotton crops // Journal of Soil Science and Agrochemistry of ANAS, p.20, №1, Baku: Elm, 2011, p.552-557
12. Aslanov H.A, Hasanova A.O Influence of fertilizers on accumulation of nutrients in vegetative mass and fruits of tomato plant // Scientific Works of ADAU, II edition, Ganja, 2012, №1, p.44-4
13. Aslanov H.A, Hasanova M.M The number of irrigations and the effect of mineral fertilizer norms on manure on the height of potato plants and the development of vegetative mass // Azerbaijan Agrarian Science, Baku, 2012, №1, p.40-43
14. Aslanov H.A, Mammadov O.H, Gahramanov FK Tagiyev A.H. Study of selection materials against wilt and homozygous diseases // Azerbaijan agrarian science, Baku, 2012, №3, p.86-87
15. Aslanov H.A, Jabbarov A.R Optimal irrigation regime and productivity of cotton in different regions of Azerbaijan // Department of Agrarian Sciences of ANAS International scientific conference, part I, Baku, 2012, p.119-121
16. Aslanov G.A., Ibragimov A.D. Crop rotation is the main factor in integrating agriculture into cotton growing in Azerbaijan // Institute of Soil Science and Agrochemistry of ANAS, v.21, Baku: Elm, 2013, №2, p.79-81
17. Aslanov H.A, Huseynov N.V Some physical and chemical properties of zeolite rocks and their application in agriculture // Azerbaijan Agrarian Science, Baku, 2013, №1, p.26-28
18. Aslanov H.A, Hasanova T.A Influence of mineral fertilizers on growth and development of cotton plant in the next crop rotation // Institute of Soil Science and Agrochemistry of ANAS, v.21 №3, Baku: Elm, 2013, p.30-34
19. Aslanov H.A, Tagiyeva Z.I Influence of fertilizers on gray-brown soils on accumulation of total nitrogen, phosphorus and potassium in the surface mass of mowers by types of crops // Azerbaijan agrarian science, Baku, 2013, №3, p.23- 26
20. Aslanov H.A, Mammadov O.H, Bayramov K.A The effect of natural zeolite mineral on V. Wilt's disease in cotton // Azerbaijan Agrarian Science, Baku, 2014, №1, 85-86

21. Aslanov H.A, Abbasov A.A Influence of application of fertilizers under irrigated wheat under irrigation conditions on change of soil nutrition regime // International scientific-practical conference dedicated to the 85th anniversary of ADAU, 22-24 cents November 2014, Volume 1, Ganja: ADAU Publishing House, 2014, pp.327-329
22. Aslanov H.A, Kazimov N.N Restoration and development of cotton growing can be guaranteed in our republic 79th Collection of Works of AzETPI, Ganja, 2014, p.3-6
23. Aslanov H.A, Aslanova E.H Organic and mineral fertilizers are a key factor in increasing soil fertility and plant productivity // Azerbaijan Agrarian Science, Baku, 2014, №4, p.18-20
24. Aslanov HA, Hasanov RQ, Marlamova DS Agrotechnology of optimal cultivation of Ganja-78 cotton variety // Azerbaijan agrarian science, Baku, 2015, №2, p.38-40
25. Aslanov H.A, Aliyeva G.A The effect of application of fertilizers under sugar beet under irrigation on changes in soil nutrition // Azerbaijan Agrarian Science, Baku, 2015, №1, p. 32-36
26. Aslanov H.A., Aliyeva G.A. Influence of fertilizers to the quantitu of sugar in root fruit of sugar beet in the condition of vest region of Azerbaijan// International Journal of Multidisciplinary Research and Development, Impact Faktor, Volume 2; Issue 11; November 2015; Page №233-235
27. Aslanov HA, Jafarov UT Influence of sowing scheme and fertilizer norms on structural elements of potato plant // Ganja branch of Azerbaijan National Academy of Sciences. News Bulletin.№4 (62), Ganja: Science, 2015, p.77-84
28. Aslanov H.A., Tagiyeva Z.İ. Raising the productivity of the natural hayfields in the north part of the lesser caucasus// European Academic Research Vol.3, Issue 11/ Febriary 2016 Impact Factor: 3.4556 (UIF) DRJİ Value: 5.9(B+),Page 12386-12396
29. Aslanov H.A., Aliyeva A.A. Effekt of sowing period, planting scheme and fertilizers to the strukture elements of the soybean in the condition of west region of Azerbaican // European Academic ResearchVol.3, Issue 11/ Febriary 2016 Impact Factor: 3.4556 (UIF) DRJİ Value: 5.9(B+), Page 12397-12409
30. Aslanov H.A, Huseynov N.V Influence of application of natural zeolite mineral together with fertilizers on water-physical properties of soil under cotton plant // Scientific Works of ADAU. Ganja: ADAU Publishing House, 2016, №1, p.47-51
31. Aslanov H.A, Huseynov N.V Influence of application of natural zeolite mineral together with fertilizers on natural soil moisture under cotton plant // Collection of Scientific Works of Agricultural Research Institute XXVII c., Baku: Teacher edition. 2016, pp.375-379
32. Aslanov H.A, Valiyeva M.A Creation of cotton-weaving clusters Azerbaijan agrarian science, Baku, 2016, №1, p.30-33
33. Aslanov H.A, Hajiyeva R.T Influence of organic and mineral fertilizers on the change of nutrients in the soil under the tomato plant Azerbaijan Agrarian Science, Baku, 2016, №2, p.17-20
34. Aslanov G.A. The effectiveness of the combined use of zeolite with fertilizers for winter wheat in the Ganja-Kazakh zone of Azerbaijan Bulletin of the Ryazan

State Agro-Technological University named after P.A.Kostycheva, Ryazan, 2016, No. 3 (31), p.8-11

35. Aslanov H.A, Aliyeva A.A The effect of sowing time and fertilizers on soybean length depending on the food field Collection of Works of the Society of Soil Scientists of ANAS, v.14, Baku: Elm, 2016, p.407-410

36. Aslanov H.A, Isayeva D.A Influence of application of fertilizers on gray-brown soils under autumn barley plant on change of soil nutrient regime Collection of Works of the Society of Soil Scientists of ANAS, v.14, Baku: Elm, 2016, p.423-428

37. Aslanov H.A. Recommendations on agrotechnology of cotton growing Ganja: Rabuna Publishing and Printing, 2016, 16 p.

38. Aslanov HA, Novruzova H.H Influence of optimization of fertilizer norms on total nitrogen, phosphorus and potassium accumulation in vegetative mass of cotton plant Scientific works of ADAU, Ganja: ADAU publishing house, 2016, №4, p.50-54

39. Aslanov G.A., Novruzova G.Kh. The influence of fertilizers on the yield of cotton M. : Agrarian science, 2017, No. 3, p. 2-4

40. Aslanov H.A, Hasanov S.R. Biological features and economic importance of buckwheat Scientific works of ADAU, Ganja: ADAU publishing house, 2017, №1, p.14-17

41. Aslanov GA, Jafarova RT Influence of fertilizers on the yield and quality of potato tubers in the Ganja-Kazakh zone of Azerbaijan Bulletin of the Ryazan State Agrotechnological University named after P.A.Kostycheva, Ryazan, 2017, No. 2 (34), pp. 5-8

42. Aslanov HA, Abbasov AA Influence of fertilizers under irrigation conditions on transport of nutrients from soil by autumn wheat and straw products Ganja branch of Azerbaijan National Academy of Sciences News Bulletin. Ganja: Science, 2017 №4 (70), p.97-102

43. Aslanov HA, Aliyev IT Agrochemical properties of sub-cotton gray-meadow soils Scientific Works of ADAU, Ganja: ADAU Publishing House, 2017, №4, p.4-8

44. Aslanov H.A., İsyeva D.A. Effect of fertilizers on deliverence of feeding elements together with rain and strow products of winter barley block sowing Scientific light, vol 1, №13 (2018), 3-5 (Wroslaw, Poland), İSSN 0548-7110

45. Aslanov H.A, Hajiyeva R.T Influence of fertilizers on the growth and development of tomato plants on gray-brown soils ANAS Soil Science and Agrochemistry, v.23, №1-2, Baku: MSV edition, 2018, p.314-317

46. Aslanov H.A., İsyeva D.A. Influence of sowing methods and fertilizer norms on growth and development of the autumn barley plant //Blacksea© the Baltic

scientific journals, scientific journal of academic research ISSN:1987-6521; E-ISSN:2346-7541, DOI prefix;10.23747, June-september 2018, volume 41 ISSUE 03.p.31-34

47. Aslanov H.A, Hajiyeva G.I Influence of organic and mineral fertilizers on the change of food regime in the soil under the cabbage plant Collection of Works of the Azerbaijan Society of Soil Scientists of ANAS, XV c.2019, p.437-440

48. Aslanov H.A, Hajiyeva G.I Influence of fertilizers on the removal of nutrients from the soil by cabbage products in mountainous soils Collection of Works of the Azerbaijan Society of Soil Scientists of ANAS, XV c.2019, p.437-440

49. Aslanov H.A., Gahramanova R. F. THE EFFECT OF BURIED BIOMASS ON THE WATER-PHYSICAL PROPERTIES OF THE SOIL // Abstracts of IV International Scientific and Practical Conference London, United Kingdom 11-13 November 2020 p.26-30

50. Aslanov H.A, Abbasova N.T Influence of mineral fertilizers on gray-brown soils under changes in soil nutrition under sunflower // Azerbaijan University of Technology, Scientific News, Ganja, 2020, №1 / 32, p.90-94

51. Aslanov H.A, Huseynova A.M The effect of soil cultivation and mineral fertilizers on the length of summer soybean plantings // Azerbaijan Technological University, Scientific News, Ganja, 2020, №2 / 33, p.105-109

52. Aslanov G. A., Gulieva N. A. Influence of the density of crops and inorganic fertilizers on the yield of summer cotton // Bulletin of Science and Practice 2021, vol. 7, no. 3, 58-63

## **LANGUAGE SKILLS**

Russian

