

# FORM

Associate Professor, Department of «Agronomy, Breeding and Biotechnology»

| Personal information about the teacher                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
|  | Surname, first name, patronymic (according to personal data)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BAYADILOVA<br>GULSUN<br>ONGAROVNA        |
|                                                                                   | Date, month, year of birth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30.09.1963                               |
|                                                                                   | Gender (male/female)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | female                                   |
|                                                                                   | Nationality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | kazakh                                   |
|                                                                                   | Citizenship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Citizen of Kazakhstan                    |
|                                                                                   | Cell phone:<br>E-mail:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 87014979001<br>zhalaiirka_kushik@mail.ru |
| Education                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |
| Higher education institution                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |
| a) name                                                                           | (KazAI)<br>Kazakh National Agrarian Research University                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |
| b) the state, the city                                                            | Kazakhstan, Almaty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |
| c) the year of admission and graduation                                           | 1984-1989                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |
| d) the qualification awarded after graduation                                     | "Protection and quarantine of plants" was awarded the qualification of "Certified Agronomist".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |
| Academic degree and rank (to date)                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |
| Dissertation topic                                                                | "To develop a technology for accelerated multiplication of virus-free seed potatoes based on biotechnological methods".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |
| Area of Science                                                                   | Biotechnology, Breeding and Seed Production.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |
| Scientific specialty code                                                         | 06.01.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                          |
| Name of specialty                                                                 | Breeding and Seed Production.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |
| Year of defense                                                                   | 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |
| Dissertation language (language of writing and defense)                           | Kazakh language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |
| Place of work (as of today)                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |
| Full name of the organization                                                     | <b>1989-1991 year.</b> North-Kazakhstan oblast Blogoveshchenskiy district manager Alarming and forecasting of development of pests and diseases of agricultural crops.<br><b>1991-1997year.</b> Kazakh Research Institute of Plant Protection junior researcher of Phytopathology Department.<br><b>1997-2001 year.</b> Researcher in Scientific Research Institute of Plant Protection of Kazakh Research Institute of Plant Protection as a junior researcher of Phytopathology Department. Researcher at Scientific-Research Problem Laboratory "Biotech" at KazNAU.<br><b>2001-present.</b> Associate Professor Department of "Agronomy, Breeding and Biotechnology" at KazNARU, Almaty. "Non-profit joint-stock company" "Kazakh National Agrarian Research University". |                                          |

| Position held                                                                                                                                                          |                      | Ph.D. in Biology, Associate Professor                                                                                                                                                                                                                                    |
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| Scientific activities                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                          |
| Supervisor and/or performer of scientific research work in RK (for the last 3 years)                                                                                   |                      |                                                                                                                                                                                                                                                                          |
| Name of the research work                                                                                                                                              | Years of realization | Implementing organization                                                                                                                                                                                                                                                |
| 1. "To develop a technology for accelerated multiplication of virus-free seed potatoes based on biotechnological methods.                                              | 2001-2005 year.      | Researcher at the Scientific-Research Problem Laboratory "Biotech" at KazNau, Almaty.                                                                                                                                                                                    |
| 2. "Marking potato varieties for heat and drought tolerance.                                                                                                           | 2008-2013 year.      | Kazakh National Agrarian University, Almaty.                                                                                                                                                                                                                             |
| 3. "Expanding genotypic variability in soybean plants using modern biotechnology techniques to create varieties with neutral photoperiodic response."                  | 2014 -2017 year.     | Kazakh National Agrarian University, Almaty. (Intermediate) on the budget program 055 "Scientific and / or scientific and technical activities", subprogram 101 "Grant financing of scientific research" (funding volume - 37 700 million seven hundred thousand tenge). |
| 4. Erasmus+). Kazakh National Agrarian University, Almaty.                                                                                                             | 2019-2021 year.      | Kazakh National Agrarian University, Almaty                                                                                                                                                                                                                              |
| 5. AP14872207. "Development of a technology for mass regeneration of doubled haploids of wheat and its implementation in the breeding process." Implementation period: | 2022-2024 year.      | Kazakh National Agrarian University, Almaty. Cost estimate TOTAL - 58344893 KZT. Status: Returned to the Committee of Science of the Ministry of Science and Higher Education of RK (15.06.2022 12:28:38).                                                               |
| 6. AP19680393 "Implementation of the technology of mass regeneration of doubled haploids of wheat in the breeding process".                                            | 2023 – 2025 year.    | Implementation period: Estimated costs - 97315922 KZT. Type of financing: State Financing. Status: Returned to the Committee of Science of the Ministry of Science and Higher Education of RK (16.02.2023 22:08:04).                                                     |

| Scientific and pedagogical activity 21 years                        |          |                 |                                         |
|---------------------------------------------------------------------|----------|-----------------|-----------------------------------------|
| Degree                                                              | Quantity | Year of defense | Specialty code                          |
| Ph.D. in Biology                                                    | 1        | 2005- 2010      | 06.01.05 -Breeding and Seed Production. |
| Information about the number of publications (for the last 3 years) |          |                 |                                         |
| Edition type                                                        |          | Quantity        |                                         |
| Publications in recommended journals                                |          | 11              |                                         |

|                                                                                                                                                                                                                                                                                        |                                                                                                                                                                        |                                  |                                                                                                                                                                              |
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| Publications in journals recommended by the “Committee for Control in the Field of Education and Science of the Ministry of Education and Science”                                                                                                                                     | 2                                                                                                                                                                      |                                  |                                                                                                                                                                              |
| Publications in ranked journals                                                                                                                                                                                                                                                        | 4                                                                                                                                                                      |                                  |                                                                                                                                                                              |
| Teaching aids                                                                                                                                                                                                                                                                          | 2                                                                                                                                                                      |                                  |                                                                                                                                                                              |
| Titles and Awards                                                                                                                                                                                                                                                                      |                                                                                                                                                                        |                                  |                                                                                                                                                                              |
| 1. "APPRECIATION"<br>"For many years of work and contribution and achievements in the development of the education system and the upbringing of the younger generation."                                                                                                               | Minister of Education and Science of the Republic of Kazakhstan A. Sarinzhapov<br>2015 November 24, Astana                                                             |                                  |                                                                                                                                                                              |
| 2. Medal and Certificate of “Excellence in Education”.                                                                                                                                                                                                                                 | Order №139.<br>Republican Council for Public Awards. Chairman of the Republican Council: M. Tokashbaev.<br>Almaty, September 30, 2019.                                 |                                  |                                                                                                                                                                              |
| 3. Medal and Certificate for "Special Merit".                                                                                                                                                                                                                                          | Kazakh National Agrarian University.<br>Chairman of the Board-Rector: Yespolov T.E,<br>Almaty, December 17, 2020.                                                      |                                  |                                                                                                                                                                              |
| 4. “CERTIFICATE OF MERIT”.<br>For contribution to the development of the agricultural industry.                                                                                                                                                                                        | 2020 year. Ministry of Agriculture of the Republic of Kazakhstan.<br>Minister of Agriculture: S. Omarov<br>Astana, 2020                                                |                                  |                                                                                                                                                                              |
| 5. “LETTER OF APPRECIATION”.<br>Congratulations on the Independence Day of the Republic of Kazakhstan and we wish you health. we wish you family well-being and success in your work.                                                                                                  | NAO "National Agrarian Scientific and Educational Center"<br>Chairman of the Board: D. Balpanov<br>Astana, 2022                                                        |                                  |                                                                                                                                                                              |
| 6. "LETTER OF APPRECIATION"<br>I thank you for your great contribution to the development of higher agrarian education and science of the country, preparation of qualified specialists in Kazakh National Agrarian Research University with more than 90 years of annalistic history! | Kazakh National Agrarian Research University.<br>Chairman of the Board-Rector Academician of the National Academy of Sciences of RK:<br>A. Kurishbayev<br>Almaty, 2023 |                                  |                                                                                                                                                                              |
| Main scientific publications (for the last 3 years)                                                                                                                                                                                                                                    |                                                                                                                                                                        |                                  |                                                                                                                                                                              |
| Title of publication                                                                                                                                                                                                                                                                   | Authors                                                                                                                                                                | Year of issue                    | Name of publication, volume, number, page                                                                                                                                    |
| a) Articles of the Committee on the Supervision of Education and Science                                                                                                                                                                                                               |                                                                                                                                                                        |                                  |                                                                                                                                                                              |
| 1.Effect of common bunt infection on agronomic traits and resistance in winter wheat lines.                                                                                                                                                                                            | Tagayev1,A. I., Morgounov2 , M. A Yessimbekova3, A. I. Abugalieya.3 Bayadilova G.O.1                                                                                   | September 5 (47) - October 2021. | Х а б а р л а р ы известия национальной академии наук республики казахстан казахский национальный аграрный университет. серия аграрных наук Series of agricultural sciences. |
| 2.Изучение засухоустойчивых линий озимой мягкой пшеницы на продуктивность и качество                                                                                                                                                                                                   | Мелдешов Ә.Б <sup>1</sup> ., Әбуғали Ғ.Р <sup>1</sup> ., Баядилова Ғ.О <sup>2</sup>                                                                                    | September - October 2019.        | Научный журнал «Ізденістер, нәтижелер – Исследования, результаты» Казахского национального аграрного исследовательского университета 2023 июнь                               |

| b) conferences                                                                                                                                                       |                                                                           |                                    |                                                                                                                                                                                                                                         |
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| 1.«Оңтүстік Шығыс Қазақстанның облысына бейімделген күздік жұмсақ бидайдың сорттарын алу».                                                                           | Әбуғали Ғ., Ә Уразалиев Қ., Р Баядилова Ғ.О                               | April 26-27, 2019 (7-9)            | //Сборник международной научно-практической конференции молодых ученых и студентов «Научная молодежь в аграрной науке: достижения и перспективы» в рамках проведения Года Молодежи Республики Казахстан // Алматы.                      |
| 2. «Возделование сои на богаре в условиях Жамбылской области».                                                                                                       | Баядилова Ғ.О., Есенбаева Ж., Турганбай Ғ., Идирисова А.                  | 10-February 10.2019г (329 стр).    | Ciobal Science and Innovations V.International Scientific Conference/ Gdansk. Poland.                                                                                                                                                   |
| 3. «Оптимизация параметров биологической трансформации картофеля»                                                                                                    | Тезекбаева Б.К., Мальцева Э.Р., Скиба Ю.А., Малахова Н.П., Баядилова Ғ.О. | 2020 year. page 297                | «Инновационные развитие и востребованность науки в современном Казахстане». Материалы XIII международной научной конференции молодых ученых. Том-I Тараз.                                                                               |
| 4. «In vitro жағдайында сауықтырылған картоптың индукцияланған микротүйнектерін жылыжайда көбейтіп зерттеу».                                                         | Газез А., Баядилова Ғ.О.                                                  | (May 16, 2020 - Ashutasty village) | «Климаты күрт өзгермелі ауылшаруашылығын дамытуға бағытталған инновациялық идеялар» жас ғалымдардың халықаралық ғылыми-тәжірибелік конференциясы материалдары жинағы.                                                                   |
| 5.«Қазақстанның оңтүстік-шығыс жағдайында картоп дақылдың вирусты аурулардан сауықтырылған бастапқы материалын өндірудің ерекшеліктері мен оны жетілдіру тәсілдері». | Салиева А., Баядилова Ғ.О                                                 | №4 2020 2020 October - December    | «Ғылым және аграрлық өндіріс» – «Наука и аграрное производство казахстана «Ежеквартальный научно-аналитический журнал Казахский научно-исследовательский институт животноводства и кормоводства. Алматы. №4 2020 2020 октябрь – декабрь |
| 6.«Влияние технологии обработки почвы, норма высева инокуляции семян, минеральных удобрений, на азотофиксирующую деятельность растений сои на Юге Казахстана».       | Жапарова А.А., Бейсенбаева М., Б., Баядилова Ғ.О.                         | 2021                               | «Проблемы и перспективы участия ученых женщин в научно-инновационном развитии сельского хозяйства. Международный симпозиум» 2021г. 24-март Ташкент                                                                                      |
| 7.Генетико-селекционное изучение образцов пшеницы Казахстанской коллекции на устойчивости к пиренофорозу <i>PYRENORHO-RATRICE-REPENTIS</i> .                         | Кумарбаева М. Кохметова А.М., Баядилова Ғ.О                               | 2021                               | Проблемы и перспективы участия ученых женщин в научно-инновационном развитии сельского хозяйства. Международный симпозиум. 2021г. 24-март Ташкент                                                                                       |
| 8.Оценка качества зерна линий озимой мягкой пшеницы условиях Юго-Востока Казахстана.                                                                                 | Әбуғалиева Ғ.Р., Уразалиев Р.А., Баядилова Ғ.О                            | 2021                               | VI Всероссийская научно-практическая конференция с международным участием. «Молодые исследователи агропромышленного и лесного                                                                                                           |

|                                                                                                                |                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                |                                                                        |           | комплексов –регионам»<br>Министерство сельско-го<br>хозяйства РФ Прави-тельство<br>Вологодской области федеральное<br>государственное бюд-жетное<br>образо-ватель-ное учреждение выс-<br>шего образования. Вологда-<br>Молочное 2021г.22.04                                                                                                                                                                                                        |
| 9. «Картоп дақылын<br>микрорклонды көбейтуде<br>коректік ортаның<br>ерекшеліктері»<br>Алматы – 2021.,          | Зиябекова М.Ш.,<br>Тоқбергенова Ж.А.,<br>Баядилова Г.О.                | 2021      | ТОО «Казахский Научно-<br>Исследователь-ский Институт<br>Плодоовощеводства» «Состояние,<br>проблемы и перспек-тивы развития<br>отраслей картофелеводства<br>плодоовоще-водства и бахчеводс-<br>тва» Сборник материалов<br>Международной научно-<br>практической конференции<br>посвященной 80-летию со дня<br>рождения доктора с.-х. наук,<br>профессора, академика Академии<br>сельскохозяйст-венных наук<br>Республики Казахстан С.А.<br>Бабаева |
| 10.ECOLOGICAL<br>ASPECTS OF<br>ENVIRONMENTAL<br>PROTECTION<br>MEASURES AT<br>NATURAL PASTURES IN<br>KAZAKHSTAN | G.O. Syrlybayev1<br>G.O. Bayadilova1<br>R.S. Masonochich<br>Shotunova2 | 2022      | KAZAKH NATIONAL<br>AGRARIAN RESEARCH<br>UNIVERSITY. COLLECTION<br>COLLECTION of the international<br>scientific and practical conference of<br>young scientists within the<br>framework of the «International<br>summer school» «International<br>summer school» 06- 19 June.2022<br>Almaty.                                                                                                                                                       |
| 11. Изучение<br>продуктивности констан-<br>тных линий озимой<br>мягкой пшеницы<br>богарного направления.       | Мелдешов А.Б. <sup>1</sup> ,<br>Әбугалиева Г.Р.,<br>Баядилова Г.О      | 2023      | Сборник статей международной<br>научно-практической<br>конференции молодых ученых и<br>студентов, посвященной 90-<br>летию заслуженного работника<br>сельского хозяйства казахстана,<br>академика сабденова калдыбека<br>сабденовича «преемственность в<br>науке – основа устойчивого<br>развития аграрной науки и<br>производства» 20-21 апреля 2023<br>года 2-часть                                                                              |
| <b>c) textbooks, manuals, monographs</b>                                                                       |                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Ауылшаруашылық<br>өсімдіктер<br>биотехнологиясы                                                                | Баядилова Г.О                                                          | 2019      | /Оқу құралы. –Алматы:<br>«Айтұмар», 2019 –228б.-<br>Алматы 2019                                                                                                                                                                                                                                                                                                                                                                                    |
| Егістік дақылдарының<br>жеке селекциясы                                                                        | Г.Л. Есенбаева.,<br>Г.О. Баядилова.                                    | 2023<br>. | /Оқулық. –Алматы: «Лантар<br>Books», 2023. –154б.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>d) Journal cited in the Scopus database, TR</b>                                                             |                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1.Effect of different organic                                                                                  | Gulsun Bayadilova *,                                                   | 2022      | 1.Eurasian Journal of Soil Science 2022,                                                                                                                                                                                                                                                                                                                                                                                                           |

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| wastes on biological properties of maize (Zea Mays Indendata) rhizosphere.                    | Asset Zhylkbayev b, Gulmira Yelibayeva b, Jansulu Yessenbayeva a, Dauren Kazkeyev a, Venera M. Karasseva.                                        |      | 11(2), 141 – 150.<br>Journal homepage :<br><a href="http://ejss.fesss.org">http://ejss.fesss.org</a>                                                                                            |
| 2. The effects of feeding with activities in an incubated soil                                | 2. Sholpan S. Muminova a, , Gulsun Bayadilova b,* Oryngul Mukhamet-zhanova c, Saule M. Seilgazina c , Roza Zhumabayeva d, Gulnissam Rvaidarova e | 2023 | 2. Eurasian Journal of Soil Science Volume 12, Issue 2, Apr 2023, Pages 122 – 126 DOI: 10.18393/ejss.1211180<br>Journal homepage :<br><a href="http://ejss.fesss.org">http://ejss.fesss.org</a> |
| 3. The influence of bioorganic production of organic products in the southeast of Kazakhstan. | 3. Temirzhan E. Aitbayev1, Zhursingul A. Tokbergenova2, Nurbol W. Budanov3, G. Bayadilova.                                                       | 2023 | 3. Volume 12, Issue 2, Mai 2023.<br>Journal homepage :<br><a href="http://ejss.fesss.org">http://ejss.fesss.org</a>                                                                             |
|                                                                                               |                                                                                                                                                  |      |                                                                                                                                                                                                 |
| <b>Patent/Innovation Patent:</b>                                                              |                                                                                                                                                  |      |                                                                                                                                                                                                 |

| Assigned number                         | Title | Author/Patent Owner              | Date of issue and expiration date |
|-----------------------------------------|-------|----------------------------------|-----------------------------------|
|                                         |       |                                  |                                   |
| <b>Proficiency in foreign languages</b> |       |                                  |                                   |
| <b>Language</b>                         |       | <b>Level (low, medium, high)</b> |                                   |
| English                                 |       | medium                           |                                   |

