

PROGRAM

The international
scientific and practical conference
“Agriculture and food security: technology, innovation,
markets, personnel”

*Dedicated to the “100 years of agricultural science, education and
enlightenment in the Middle Volga region”*

13th-14th November, 2019

Organizers of the conference

- Kazan State Agrarian University
- Samara State Agrarian University
- Kazan State Academy of Veterinary Medicine named after N.E. Bauman

Assisted by

- Ministry of Agriculture and Food for the Republic of Tatarstan
- Ministry of Agriculture and Food for the Samara Region
- Department of Agricultural Sciences for the Russian Academy of Sciences
- Ministry of Education and Science for the Samara Region
- Ministry of Education and Science for the Republic of Tatarstan
- Academy of Sciences for the Republic of Tatarstan
- Samara Scientific Center for the Russian Academy of Sciences (SamRC RAS)

Associate partners

- FAO / Food and Agriculture Organization of the United Nations
- Yüzüncü Yıl University/ Van University / (Turkey)
- LOGO (Germany)
- AMAZONEN-WERKE H (Germany)



FSBEI of HE Kazan State Agrarian University is one of the oldest agricultural research and educational centers in Russia, proud of its best traditions and remarkable alumni, including the First President of the Republic of Tatarstan, now State Advisor, M.S. Shaimiev, current President of the Republic of Tatarstan R.N. Minnikhanov and others.

More than 160 years have passed since the foundation of one of the first agricultural educational and experimental farms of Farm-2, and 100 years since the foundation and development of the agronomy faculty in 1919, when the first professional training of highly qualified agronomists began in Tatarstan. From the educational farms, Farm-2 and the Agricultural School to Kazan Agricultural Institute, then to Kazan State Agricultural Academy, now Kazan State Agrarian University - shows the glorious historical path of development.

By a decree of the Government of the Republic of Tatarstan in 2011, Kazan State Agrarian University was defined as the top university for the scientific and educational cluster (NOC) of the agro-industrial complex of the Republic of Tatarstan, which also includes more than 10 institutions of secondary and primary vocational education.

Currently, Kazan State Agrarian University is one of the stable and dynamically developing universities of Tatarstan, providing highly qualified personnel for more than 70 educational programs in the agricultural field and the economic field of the agro-industrial complex. About 5 thousand students study in the university, more than 75% of them are from rural areas, including more than 110 foreign citizens. More than 140 teachers, including 70 Ph.D and more than 30 Doctors of science, help them in this.

For educational and extracurricular activities, the university has 4 educational buildings with lecture rooms equipped with modern laboratories and computer classes, research laboratories, a training and production center, a training and demonstration center, a pomological garden, a tractor training ground, a landscape design center, a scientific library, museum of history. The University also includes industrial and social infrastructures, including 2 dormitories, a dining room, buffets, a student club, the "Tulpar" sports complex, and a medical center.

At the university, 12 scientific schools have been formed and are successfully developing, headed by prominent scientists and occupying leading positions in the fields of agronomy, mechanization of agricultural production, economics and management in the agricultural sector, and modern production technologies.

Kazan SAU is actively involved in international work. Currently, there is a fruitful cooperation that has developed with leading research, production and educational centers: USA, Canada, Germany, Denmark, Holland, Turkey, Switzerland, Sweden, Norway, France, Poland, Hungary and other countries.



In 1873, Emperor Alexander II signed a decree establishing a veterinary institute in Kazan: It became the fourth veterinary institute in the Russian Empire and thirty-sixth in the world, the first among the country's veterinary universities to receive the degrees of PhD and Doctors of veterinary, biological and agricultural sciences. Scientific schools created under the Academy were widely recognized both in our country and also abroad.

In 1959, the Kazan Veterinary Institute was transformed into a major research and educational center of national importance. In 1973, the Institute was awarded the Order of Lenin. In 1995, the university was transformed into the Kazan State Academy of Veterinary Medicine named after N.E. Bauman. Among the graduates of the Academy most are prominent scientists, state prize winners, ministers, deputies, heads of municipalities, and leaders at various levels. Currently, more than 2,000 students from different regions of Russia, the Commonwealth of Independent States (CIS) and far abroad, study at the Academy.

Kazan State Academy of Veterinary Medicine named after N.E. Bauman has a good scientific and technical base. The scientists of the Academy have written more than 400 textbooks, monographs and teaching aids on the main disciplines of veterinary medicine and zootechnics, created more than 30 types of medicines, diagnostic kits and innovative technologies that are being introduced into production. The library funded by the FSBEI of HE Kazan State Academic High-Technical Library has 546 thousand books with electronic databases widely used.

Students are trained at the Academy in various specialties including “Veterinary Medicine” and in the areas of preparation: “Veterinary Sanitary Expertise”, “Zootechnics”, “Agricultural Production and Processing Technology” products. "

More than 500 students from many of the constituencies of the Russian Federation study at the Faculty of Additional Professional and Distance Education. With advanced training, innovative technologies in animal husbandry and veterinary medicine are studied. Veterinarians are trained in electronic document management, including the Mercury system with new courses organized for farmers - “First Veterinary Aid Training Skills”.

Practical training sections of students are carried out in advanced farms: LLC “Agrosila Group”, Holding Company “Ak Bars Agro”, LLC “Aksu Agro”, LLC “UK KV Agro”, LLC “Chelny Broiler”, JSC “Biryuli”, LLC “Plemreproducer” , Niva LLC, Idel LLC, AF Druzhba LLC, Laishevsky PF Yaratel, Sviyaga LLC, Abdrakhmanov peasant farm, Navruz LLC, etc. Also, students of the academy have the opportunity of internship on the basis of medical Academy Advisory Center.

The Academy has established a Center for the promotion of temporary student employment and graduate employment. Upon graduation, preferential conditions for admission to work on the chosen profile presented to graduates and under programs for supporting young specialists.



Samara Agrarian University is one of the oldest universities in the Samara region, the flagship agrarian science of the Volga region, which marks 100 years in 2019.

In 1918, a very important event took place in the history of modern agricultural education in the Volga region. In the city of Samara, a classical university with a natural-medical, physical-mathematical and historical-philological faculty was opened and on September 10, 1919, a historic meeting of the Council of Professors of Samara University took place at the Samara State Agrarian University, in which a decision was made to open an agronomic department as part of the natural medicine faculty. A number of students were immediately recorded, about 600 people attesting to the popularity of agricultural education among the youth. In 1920, the agronomy faculty was merged with the agricultural school. Due to this event, the university department had a previously absent material base - land for household crops, apiary, and garden plot. In the same year, the Agronomy Faculty received the status of an independent Samara Agricultural Institute.

Samara Agricultural University today is a modern educational campus training specialists in 25 areas and specialties. Currently, more than 216 teachers are working in the university, including 151 Ph.D degree holders and 34 Doctors of sciences, more than 4 thousand students are studying and almost 200 of them are citizens of foreign countries. The country has 7 educational buildings (162 equipped classrooms and specialized laboratories, 88 objects for practical lessons), 5 student dormitories, 2 sports buildings, a cultural and entertainment center, a dining room, a cafe, an educational park with a race track, an electric power range, nurseries, greenhouses, research laboratories and also research and production complex. The university has at its disposal 7.7 thousand hectares of experimental production fields. Currently, 2 dissertation councils and a number of large interdisciplinary research projects are working effectively. The university successfully operates scientific schools and research teams led by scientists with their professional achievements widespread in the regional, federal and national levels.

An important direction of development is the scientific and educational environment, integrated with applied and fundamental science, business, consumers, the educational services market, which provides development and commercial science and innovative products and also training of personnel for the Russian agro-industrial complex.

PROGRAM

Conference in Kazan

№ п/п	Name of event	Venue	Time (Moscow Time zone)
12 th November, 2019.			
Arrival of conference participants, accommodations in hostel and hotel.			
13 th November, 2019.			
1	Breakfast	Canteen/Buffer	07.00 – 07.45
2	Registration of conference participants	Kazan, st. Karl Marx, 65, Kazan SAU, Assembly hall	08.00 – 08.45
3	Grand opening of the conference Plenary session "100 years of agricultural science, education and enlightenment in the Middle Volga region"	Kazan, st. Karl Marx, 65, Kazan SAU, Assembly hall	09.00 – 13.00
4	Lunch	Canteen	13.00 – 14.30
5	The cultural program Excursion in Kazan	Kazan	15.00 – 17.00
6	Supper	Canteen	18.00
14 th November, 2019.			
1	Breakfast	Canteen/Buffer	08.00 – 08.30
	Registration of conference participants		08.30 – 09.30
2	Work in the section "Modern approaches of agricultural science and innovative agricultural technologies in ensuring food security" and	Kazan, st. Ferma-2, 53, Department of Agronomy, Kazan State Agrarian University, Assembly Hall	09.00 – 13.00
3	Work in the Section "Actual problems of modernization of the technical and technological base of the agro-industrial complex and ways to solve them"	Kazan, st. R. Gareeva, 62a, Institute of Mechanization and Technical Service, Kazan State Agrarian University, auditorium 227	09.00 – 13.00

4	Work in the section "Rational use of natural resources in agriculture and forestry"	Kazan, p. Derbyshki, st. Home, d. 69a, Faculty of Forestry and Ecology, Kazan SAU, auditorium 20	09.00 – 13.00
5	Work in the section "Actual issues of veterinary medicine and zootechnology, biotechnology in production and processing of agricultural products"	Kazan, st. Sibirsky Tract, d. 35, Kazan SAVM, Meeting Room	09.30 – 13.00
6	Work in the section "Development of the agricultural economy and staffing under the conditions of digitalization of agriculture"	Kazan, st. Karl Marx, d. 65, Kazan SAU, Meeting Room	09.00 – 13.00
7	Master class Dirk Barnevits "Healthy Horse"	Kazan, st. Sibirsky Trakt, 35, Kazan SAVM Center, auditorium 118 and Clinic	09.30 – 16.00
8	Lunch	Canteen	13.00 – 13.45
9	Breakout sessions		14.00 – 16.00
10	Conference Resolution Adoption.		16.00 – 16.30
11	Departure of participants		

Conference in Samara

№ п/п	Name of event	Venue	Time (Samara Time zone)
12 th November, 2019.			
Arrival of conference participants, accommodations in hostel and hotel. Tour of the territory of the academy, educational buildings and museum.			
13 th November, 2019.			
1	Breakfast	Canteen/Buffer	
	Registration of conference participants	Conference Hall of the Academy, auditorium 1204 (Faculty of Agronomy)	9.30 – 10.45
	Grand opening of the conference Plenary session "100 years of agricultural science, education and enlightenment in the Middle Volga region"	Conference Hall of the Academy, auditorium 1204	11.00-14.00

Lunch	Canteen	14.00-14.50
The cultural program Excursion in Samara		
Supper	Canteen	
14 th November, 2019.		
Breakfast	Canteen/Buffer	
Work in the section "Modern approaches of agricultural science and innovative agricultural technologies in ensuring food security" and	Auditorium 1309	11.00 – 14.00
Work in the sections “Topical problems of modernization of the technical and technological base of the agro-industrial complex and ways to solve them”	Auditorium 3219	11.00 – 14.00
Work in the section "Rational use of natural resources in agriculture and forestry"	Auditorium 1309	11.00 – 14.00
Work in the section “Actual issues of veterinary medicine and zootechnology, biotechnology of production and processing of agricultural products”	Conference Hall of the Academy, auditorium 1204	11.00 – 14.00
Work in the section "Development of the agricultural economy and staffing in the conditions of digitalization of agriculture"		11.00 – 14.00
Lunch	Canteen	14.00-14.45
Breakout sessions.		15.00-17.00.
Conference Resolution Adoption.		17.00-17.30.
Departure of participants		

Plenary session
“100 years of agricultural science, education and enlightenment in the Middle Volga region”

Conference in Kazan

*Conference hall, auditorium 1204, Samara State Agrarian University, Samara
Assembly Hall, Kazan State Agrarian University*

Chairman - **Valiev Ayrat Rasimovich**, Rector of Kazan State Agrarian University, Russia

Co-Chair - **Ravilov Rustam Khametovich**, Rector of Kazan State Aviation Administration, Russia

09.00-09.10. Grand opening of the conference

Rector of Kazan State Agrarian University, **Valiev Ayrat Rasimovich**

Rector of the Kazan State Academy of Veterinary Medicine **Ravilov Rustam Khametovich**

10/09/09.30. Welcoming words:

Greeting - Minister of Agriculture and Food of the Republic of Tatarstan (as agreed)

Greeting - Member of the State Council of the Republic of Tatarstan **Hadeev Tahir Galimzyanovich**

Greeting - Member of the State Duma of the Russian Federation **Sibagatullin Fatih Saubanovich**

09.30-13.00. Plenary lectures:

09.30-09.45. Serzhanov Igor Mikhailovich, Doctor of Agriculture Sciences, Professor, Dean of the Agronomy Faculty, Kazan State Agrarian University, “History, current status and development prospects of the Agronomy Faculty of Kazan State Agrarian University”

09.45-10.00. Safin Radik Ilyasovich, Doctor of Agriculture Sciences, Professor, Corresponding Member of the Academy of Sciences of the Republic of Tatarstan, Kazan State Agrarian University, “Biological Methods for the Protection of Crops from Biotic and Abiotic Stresses”

10.00-10.30. Dr. Tailan Aksu, Professor, Van University, Turkey, “Linking Livestock and the Environment”

10.30-10.45. Fayzrakhmanov Dzhaudat Ibragimovich, Doctor of Economics. Sciences, Academician of the Academy of Sciences of the Republic of Tatarstan, Professor, Kazan State Agrarian University, “The Concept of Organic Agriculture of the Republic of Tatarstan”

10.45-11.15. Dr. Dirk Barniewitz, Research Center for Medical Technology and Biotechnology, Bad Langensaltz, Germany, “Development of Horse Breeding in Germany”

11.15-11.45. Coffee break

11.45-12.00. Ziganshin Bulat Gusmanovich, Doctor of Technical Sciences, Professor, Professor of the Russian Academy of Sciences, First Vice-Rector - Vice-Rector for Educational work, Kazan State Agrarian University, “Intensification of mechanical technologies and equipment for the production of major food groups in agriculture”

12.00-12.30. Partoev Kurbonali, Doctor of Agriculture Science, Professor, Head of the Laboratory of Genetics and Plant Breeding, Institute of Botany, Physiology and Plant Genetics,

Academy of Sciences of the Republic of Tajikistan, “Successes in Potato Selection and Biotechnology in Tajikistan”

12.30-12.45 Alimov Azat Mirgasimovich, Doctor of Veterinary Sciences, Professor Kazan SAVM, “Achievements of biotechnology in solving the problem of protein deficiency”

12.45-13.00. Novoselov Sergey Ivanovich, Doctor of Agriculture Sciences, Professor, Mari State University, “Theoretical and Practical Aspects of Preserving Fertility of the Soil and Increasing the Productivity of Agroecosystems in Innovative Agriculture”

13.00. 2 p.m. Dinner

Conference in Samara

Venue: Conference Hall, Auditorium 1204, Samara State Agrarian University, Samara

Chairman - **Petrov Alexander Mikhailovich**, Rector of Samara State Agrarian University, Russia

11.00-11.10. Grand opening of the conference

Rector of Samara State Agrarian University, **Petrov Alexander Mikhailovich**

11.10-11.30. Welcoming words:

Greeting - First Deputy Minister of Agriculture and Food of the Samara Region **Afanasyev Evgeny Igorevich**

Greeting - **Akopyan Victor Albertovich**, representative of the Ministry of Education and Science of the Samara Region

Greeting - Corresponding Member of the Russian Academy of Sciences, Director of the Samara Scientific Research Institute of Agriculture N.M. Tulaykova FRS RAS, Doctor of Agricultural Sciences, Professor **Shevchenko Sergey Nikolaevich**

Greetings - Doctor of Veterinary Medicine **Misha Rumyantseff**, University of Lyon, France

11.30-14.00. Plenary lectures:

Alexander Petrov, Rector of Samara State Agrarian University “History of Agricultural Education in the Volga Region. 100 years of Samara State Agrarian University »

Vasin Vasily Grigorievich, Doctor of Agricultural Sciences, Professor, Samara State Agrarian University, “Potential productivity and optimization of methods for cultivating field crops in a changing climate”

Baimishev Hamidulla Baltukhanovich, Doctor of Biol. Sci., Professor, Samara State Agrarian University, “Innovative technologies for the reproduction of cattle in an intensive milk production system”

Abuova Altyнай Burkhatovna, Doctor of Agricultural Sciences, Associate Professor, West Kazakhstan Agrarian Technical University Zhanqir Khan, Republic of Kazakhstan, “Cultivation of Priority Oilseeds in the North of Kazakhstan”

Traisov Baluash Bakishevich, Doctor of Agricultural Sciences, Professor, West Kazakhstan Agrarian Technical University named after Zhanqir Khan, Republic of Kazakhstan, “Age-related changes in body weight of young Edilbayev sheep of different genotypes”

SECTION 1
MODERN APPROACHES TO AGRICULTURAL SCIENCE AND INNOVATIVE
AGRICULTURAL TECHNOLOGIES IN ENSURING FOOD SECURITY

CONFERENCE IN KAZAN

Location: Kazan, st. Ferma-2, 53, Agronomy Faculty of Kazan State Agrarian University, assembly hall.

Section Chairman - I.M. Serzhanov, Doctor of Agricultural Sciences, Professor

Secretary - S.R. Suleymanov, Ph.D. in Agricultural sciences, Associate professor

The prevalence of 1-aminocyclopropane-1-carboxylate deaminase, indole-3-acetic acid and nitrogen fixation ability of endophytic bacteria of plants

Doctor of Sciences, Professor Ahmet Akköprü,
Van University, Turkey

Intensification of fodder production through combined fodder crops in Tajikistan

Doctor of Agricultural Sciences, Professor Partoev Kurbonali,
Institute of Botany, Physiology and Plant Genetics, Academy of Sciences of the Republic of
Tajikistan
Tajikistan
Safarmadi M., Sadridinov S., Yasinov Sh.M.

The effect of oil pollution on the productivity and chemical composition of the spring wheat crop

Doctor of Agricultural Sciences, Professor Gilyazov Minnegali Yusupovich,
FSBEI of HE Kazan State Agrarian University
Osipova R.A., Ravzutdinov A.R., Kuzhamberdieva S.Zh.

The effect and aftereffect of the buckling lye of grass pulp on crop yields.

Doctor of Agricultural Sciences, Professor Gilyazov Minnegali Yusupovich,
FSBEI of HE Kazan State Agrarian University
Faskhutdinov F.Sh., Minikaev R.V.

Efficiency of application and prospects of using multifunctional fertilizers in agricultural technologies on agricultural crops

Ph.D. in Agricultural Sciences Mozharova Irina Petrovna,
All-Russian Research Institute of Agricultural Chemistry
Doctor Agricultural Sciences Shapoval O.A.

A comparative study of the effectiveness of different forms of multifunctional fertilizers based on a complex of amino acids and trace elements in winter wheat

Doctor of Agricultural Sciences, Shapoval Olga Alexandrovna,
All-Russian Research Institute of Agricultural Chemistry
Ph.D. in Agricultural Sciences, Mozharova I.P.

Aspects of biological preparations influencing the productivity and resistance to stress of spring barley

Doctor of Agricultural Sciences, Professor Safin Radik Ilyasovich,
FSBEI of HE Kazan State Agrarian University
Karimova L.Z., Nizhegorodtseva L.S., Nazarov R.V.

Fertilizing-stimulating compounds and biological products in the technology of cultivation of perennial grasses on gray forest soils of the Middle Volga

Doctor of Agricultural Sciences, Professor Safiollin Faik Nabievich,
FSBEI of HE Kazan State Agrarian University
Suleimanov S.R., Sochneva S.V., Trofimov N.V., Malganova I.G.

Prospects for the use of poultry waste and drilling waste in agriculture

Dr. Vet. Sciences, Professor Sibagatullin Fatih Saubanovich,
FSBEI of HE Kazan State Agrarian University
Khaliullina Z.M., Petrov A.M., Sinyashin K.O., Ganiev A.S.

The influence of the Zircon preparation, mineral nutrition on the formation of a spring wheat crop in the conditions of the Pre-Kama region in the Republic of Tatarstan

Doctor of Agricultural Sciences, Professor Amirov Marat Fuatovich,
FSBEI of HE Kazan State Agrarian University

Agrobiological basis for wheat crop formation of *Dicoccum Schrank* (spelled) of the Pre-Kama region in the Republic of Tatarstan

Doctor of Agricultural Sciences, Professor Shaikhutdinov Farit Sharipovich,
FSBEI of HE Kazan State Agrarian University
Serzhanov I.M., Serzhanova A.R., Valiev A.A., Aksakova V.V.

Assessment of variability of agrochemical properties of agricultural land in the perspective for the introduction of precision farming technologies

Ph.D. Biological Sciences, Associate Professor Smirnova Elena Vasilievna,
Kazan (Volga) Federal University
Giniyatullin K.G., Sakhabiev I.A., Okunev R.V.

The effect of bacterial preparations on the growth and development of buckwheat

Doctor of Agricultural Sciences, Professor Kadyrova Fanusya Zagitovna,
FSBEI of HE Kazan State Agrarian University
Klimova L.R., Stepankova D.A., Shaimullina G.Kh. , Kadyrova L.R.

Minimization of main processing in crop rotation on gray forest soil in the Pre-Kama region in the Republic of Tatarstan

Doctor of Agricultural Sciences, Associate Professor Minikaev Rogat Vagizovich,
FSBEI of HE Kazan State Agrarian University
Shaikhutdinov F.Sh., Sayfieva G.S., Manyukova I.G.

Sunflower productivity and gross oil yield on the gray forest soil of the Republic of Tatarstan using growth regulators

Doctor of Agricultural Sciences, professor Vladimirov Vladimir Petrovich,
FSBEI of HE "Kazan State Agrarian University"
Chugunov E.M., Mostyakova A.A.

The effectiveness of the use of micronutrient fertilizers on soy

Ph.D. in Biological Sciences, Associate Professor Kolesar Valeria Alexandrovna,
FSBEI of HE Kazan State Agrarian University
Sharipova G.S., Safina D.R., Safin R.I.

The effect of colchicine on karyological and morphometric signs of cyanosis blue

Glazunova Anna Valerevna
FSBSI All-Russian Scientific Research Institute of Medicinal and Aromatic Plants
Khazieva F.M. Samatadze T.E.

Resource-saving technologies for winter wheat cultivation based on agricultural biologization

Ph.D. in Agricultural Sciences, Associate Professor Sabirova Razina Mavletgaraevna,
FSBEI of HE Kazan State Agrarian University
Shakirov R.M.

Potato productivity on different backgrounds of mineral nutrition and planting density on irrigated soils of the forest-steppe of the Middle Volga

Ph.D. in Agricultural Sciences, Associate Professor Egorov Leonid Mikhailovich,
FSBEI of HE Kazan State Agrarian University
Gainutdinov M.T., Kokrov A.Yu., Sitnikova N.V.

The effect of various types of vapors on winter wheat

Ph.D. in Agricultural Sciences, Associate Professor Akhmetzyanov Marsel Ravilovich
FSBEI of HE Kazan State Agrarian University
Safina L.I., Safin R.I., Manyukova I.G.

The influence of food backgrounds on the formation of the leaf surface and the yield of green mass of corn

Ph.D. in Agricultural Sciences, Mikhailova Marina Yuryevna,
FSBEI of HE Kazan State Agrarian University
Talanov I.P.

Typical signs and properties of zonal soils of the Privyat strip of the forest-steppe zone

Ph.D. in Biological Sciences Gaffarova Liliya Gabdulbarovna,
FSBEI of HE Kazan State Agrarian University

Free and bound amino acids in the soils of the Volga forest-steppe and their role

Ph.D. in Agricultural Sciences, Associate Professor Murtazina Sufiya Gadiyatullova,
FSBEI of HE Kazan State Agrarian University
Gaffarova L.G., Murtazin M.G.

Evaluation of the anthropogenic stability of agrosulfur of forest soil in intensive agriculture by changing the indicators of its biological activity

Ph.D. in Agricultural Sciences, Associate Professor Murtazina Sufiya Gadiyatullova
FSBEI of HE Kazan State Agrarian University
Gaffarova L.G., Murtazin M.G., Faskhutdinov F.S.

Modern current trends in the development of agricultural science in ensuring food security in Russia

Ph.D. in Agricultural Sciences, Associate Professor, Kirillova Olga Viktorovna
FSBEI of HE Kazan State Agrarian University
Amirova E.F., Kuznetsov M.G., Valeeva G.A., Zakharova G.P.

Potato yield of Red Scarlett variety using elements of the biological farming system on the gray forest soil of the forest-steppe of the Middle Volga

Ph.D. in Agricultural Sciences Vladimirov Konstantin Vladimirovich,
Center of Agrochemical Service Tatar
Kshnikatkina A.N., Vladimirov V.P., Mostyakova A.A.

The influence of bioagents and adaptogenic preparations on the growth and development of spring rape in the soil and climatic conditions of the Republic of Tatarstan

Doctor of Agricultural Sciences, Associate Professor Nizamov Rustam Mingazizovich,
FSBEI of HE Kazan State Agrarian University
Suleymanov S.R.

Features of propagation of edible honeysuckle varieties

Ph.D. in Agricultural Sciences, associate professor Shalamova Anna Alekseevna
FSBEI of HE Kazan State Agrarian University
Abramova G.V.

About the new mechanism of action of chelated micronutrient fertilizers in foliar treatment of plants

Dr. of Biological Sciences, professor Pakhomova Valentina Mikhailovna,
FSBEI of HE Kazan State Agrarian University
Daminova A.I.

Methodology for dividing the territory of the Republic of Tatarstan into agrolandscape areas based on zoning of its natural and climatic conditions

Ph.D. in Agricultural Sciences, Associate Professor Sochneva Svetlana Viktorovna,

FSBEI of HE Kazan State Agrarian University
Trofimov N.V.

Assessment of variability of agrochemical properties of agricultural land in the perspective of introducing precise farming technologies

Ph.D. in Biological Sciences, Associate Professor Smirnova Elena Vasilievna,
Kazan (Volga) Federal University
Giniyatullin K.G., Sakhabiev I.A., Okunev R.V.

Pyrocharcoal as promising soil ameliorants: assessment of possible negative effects on soils

Ph.D. in Biological Sciences, Associate Professor Okunev Rodion Vladimirovich,
Kazan (Volga) Federal University
Smirnova E.V., Giniyatullin K.G., Guseva I.A.

Camelina sativa - a promising oilseed crop of the Republic of Tatarstan

Ismagilova Elvina Faridovna,
FSBEI of HE Kazan State Agrarian University

The influence of calculated doses of mineral fertilizers and biological products on the yield of white mustard in the conditions of the Republic of Tatarstan

Akhmetzyanov Airat Azatovich,
FSBEI of HE Kazan State Agrarian University

On-farm land management - the basis of organic farming

Ph.D. Tech. sciences, Associate Professor Loginov Nikolay Aleksandrovich,
FSBEI of HE Kazan State Agrarian University

A study of the production processes of crops in the works of A. Ziganshin and his descendants

Ziganshin Artem Alekseevich,
FSBEI of HE Kazan State Agrarian University

The influence of mineral and modified fertilizers on the formation of oat productivity

Ph.D. in Agricultural Sciences, Saydyasheva Galina Vladimirovna,
Ulyanovsk Research Institute of Agriculture - Branch of SamNTs RAS
Laschenkov A.N., Kulikova A.K.

Productivity of crop rotation using fertilizers and herbicides in the Vologda Oblast

Ph.D. in Agricultural Sciences, Associate Professor Chukhina Olga Vasilievna,
FSBEI of HE Vologda State Dairy Academy named after N.V. Vereshchagin
Tokareva N.V., Demidova A.I., Schekutieva N.A., Karbasnikova E.B., Vasilieva T.V.

The role of import substitution and digital transformation in food security

Voiku Ivan Petrovich,
FSBEI of HE "Pskov State University"

CONFERENCE IN SAMARA

Venue: Ust-Kinelsky, st. Training 1, Samara State Agrarian University, Room 1309

Section Chairman – V.G. Vasin, Doctor of Agricultural Sciences, Professor
Secretary – O.P. Kozhevnikova, Ph.D. in Agricultural Sciences, Associate Professor,

1. Soil fertility - the basis for the transition to more sustainable farming systems

Doctor of Agricultural Sciences, Professor Boris Boinchan,
Research Institute of Field Crops "Breeding",
The Republic of Moldova

2. The influence of varieties on crop yields and the functional properties of green mass

Ph.D., Associate Professor (Ph.D. in Technical Sciences, Associate Professor) Joanna Kobus Kisovska,
Poznan University of Life Sciences,
Poland

Pyotr Schulz, Oscar Schepanyak, Daria Zhimanovska, Marta Ligay

3. The influence of applied agrotechnical factors on the yield of corn protein

Ph.D., Associate Professor (Ph.D. in Medical Sciences, Associate Professor) Peter Schulz,
Poznan University of Life Sciences,
Poland

J. Kobus Kisovska, Daria Shimanovska, Daniel Kreuklis

4. The cultivation of priority oilseeds in the north of Kazakhstan

Doctor of Agricultural Sciences, Associate Professor Abuova Altynay Burkhatovna,
West Kazakhstan Agrarian and Technical University named after Zhangir Khan,
The Republic of Kazakhstan

Doctor of Agricultural Sciences, Professor Vasin V.G., Ph.D. in Agricultural Sciences Tulkubaeva S.A.,
Ph.D. S.-kh. Sciences Zhamalova DB, Tashmuhamedov M. B.

5. Digital transformation of irrigated agriculture

Doctor of Biological Sciences, Ph.D. in Technical Sciences,
Professor Seiliger Anatoly Mikhailovich,

Federal State Budgetary Educational Institution of Higher Education (FSBEI of HE) "Russian State
Agrarian University" - Moscow Agricultural Academy named after K.A. Timiryazev

Ermolaeva O.S.

6. Analysis and selection of parental forms for crossing early potatoes in the arid conditions of the
Middle Volga

Candidate of Agricultural Sciences Vladimir Dmitrievich Molyanov,
General Director of Molyanov Agro Group LLC
Vinogradov O.G., Ph.D. Ivanayskaya N.S.

7. Factors of biologization of agriculture in the forest-steppe zone of the Volga region

Doctor of Agricultural Sciences, Associate Professor
Toygildin Alexander Leonidovich,

FSBEI of HE Ulyanovsk State Agrarian University named after P.A. Stolypin
Morozov V.I., Posevalov M.I., Ayupov D.E., Mustafina R.A.

8. Studies of organic acids in millet grain and its processed products by capillary electrophoresis

Ph.D in Technical Sciences, Associate Professor Zipaev Dmitry Vladimirovich,
FSBEI of HE "Samara State Technical University"

Ph.D. in sciences, associate professor Makushin A.N., Ph.D. in chemical sciences, associate professor
Kuraeva Yu. G.

9. Fertilizers and growth stimulators of chickpeas when growing in the dry steppe zone of the Middle
Trans-Volga region

Doctor of Agricultural Sciences, Professor Vasin Vasiliy Grigoryevich,
FSBEI of HE Samara State Agrarian University
Novikov A.V., Prosandeev N.A., Burunov A.N.

10. Comparative productivity of leguminous crops at different methods of cultivation

Candidate of Agricultural Sciences,

Associate Professor Rakitina Veronika Vyacheslavovna,
FSBEI of HE Samara State Agrarian University
Doctor of Agricultural Sciences, professor Vasin A.V., Kozhevnikova O.P., Karlov E.V.

11. The formation of poly species agrophytocenosis of perennial herbs with the use of growth stimulants

Doctor of Agricultural Sciences, Professor Vasin Vasiliy Grigoryevich,
FSBEI of HE Samara State Agrarian University
Vasin A.V., Vasina A.A., Karlova I.V., Kozhaeva A.A.

12. The formation of soybean agrophytocenosis with the use of growth stimulants

Doctor of Agricultural Sciences, Professor Vasin Aleksey Vasilievich,
FSBEI of HE Samara State Agrarian University
Saniev R.N., Vasina N.V., Prosandeev N.A., Makarova E.S.

13. Evaluation of the yield and quality of mushrooms *Agaricus bisporus*

Doctor of Technical Sciences, Professor Milyutkin Vladimir Alexandrovich,
FSBEI of HE Samara State Agrarian University

Senior Lecturer Alexandrova E.G., Ph.D. of Agricultural Sciences, Associate Professor Blinova OA

14. Intensive agricultural technologies of winter wheat cultivation in the Middle Volga region

Doctor of Biological Sciences, Professor Bakaeva Natalya Pavlovna,
FSBEI of HE Samara State Agrarian University
Saltykova O.L., Korzhavina N.Yu., Prikazchikov M.S.

15. A block model for the production process of winter wheat in terms of protein yield

Doctor of Biological Sciences, Professor Bakaeva Natalya Pavlovna,
FSBEI HE Samara State Agrarian University

16. The effect of fertilizers on the formation of agrophytocenoses of sunflower hybrids in the conditions
of the forest-steppe of the middle Volga

Doctor of Agricultural Sciences, Professor Vasin Vasiliy Grigoryevich,
FSBEI of HE Samara State Agrarian University
Ph.D. in Agricultural Sciences Kiseleva L.V. Potapov D.V. Saniev R.N., Zhizhin M.G.

17. The influence of the basic elements in agricultural system on the weed and yield of winter wheat
Ph.D. in Agricultural Sciences Associate Professor
Kutilkin Vasily Grigoryevich,
FSBEI HE Samara State Agrarian University
Doctor of Agricultural Sciences, Professor S. Zudilin
18. Economic and biological evaluation of apricot varieties from Samara selection
Ph.D. in Agricultural Sciences, Associate Professor Minin Anatoly Nikolaevich,
FSBEI of HE Samara State Agrarian University
Nechaeva E.Kh., Melnikova N.A., Stepanova Yu.V., Khokhlov N.N.
19. The effectiveness of presowing treatment of spring wheat
Ph.D Biological Sciences, Associate Professor Pertseva Elena Vladimirovna,
FSBEI of HE Samara State Agrarian University
Burlaka G.A., Kiseleva L.V., Vasina N.V.
20. The effectiveness of foliar treatments of intensive varieties of spring barley
Candidate of Agricultural Sciences, Leading Researcher
Sanina Natalya Vladimirovna,
Federal State Budget Scientific Institution (FSBSI) "Volga NIIS named after P.N.Konstantinova
Vukolov V.V., Kutilkin V.G.
21. Characteristics in the development of black poplar (*pópulus nígra*) in various forest conditions in the Middle Volga region
Doctor of Agricultural Sciences, Associate Professor Trots Natalya Mikhailovna,
FSBEI of HE Samara State Agrarian University
Trots V.B., Obushchenko S.V., Abdolvaleev R.R., Akhmatov D.A.
22. Development and use of additives on the bases of flour from cereal mycelium in food production
Ph.D. in Agricultural Sciences, Associate Professor Blinova Oksana Anatolevna
FSBEI of HE Samara State Agrarian University
Trot A.P., Prazdnichkova N.V., Alexandrova E.G.
23. The use of fertilizers and biostimulants in the cultivation of field crops in soil tillage system
Doctor of Agricultural Sciences, Professor Vasin Vasiliy Grigoryevich,
FSBEI HE Samara State Agrarian University
Vasin A.V., Kozhevnikova O.P., Vasina N.V., Burunov A.N.
24. The use of grain processing products of millet, amaranth and sorghum in the production of bakery products
Ph.D. in Agricultural Sciences, Associate Professor Volkova Alla Viktorovna,

FSBEI of HE Samara State Agrarian University
Kazarina A.V., Antimonova O.N., Nikonorova Yu. Yu., Atakova E.A.

25. The use of wild medicinal raw materials in food production
Ph.D. in Agricultural Sciences, Associate Professor Volkova Alla Viktorovna,
FSBEI of HE Samara State Agrarian University
Sysoev V.N., Makushin A.N.

26. The study of the nature of the inheritance of quantitative traits in F1 hybrids of winter common wheat

Ph.D in Agricultural Sciences, Associate Professor Olga Antoshina,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
Odnodushnova Yu. V., Fadkin G.N., Kondakova I.A., Fedosova O.A.

27. Management of investment processes in the dairy industry

Candidate of Economic Sciences, Associate Professor Konkina Vera Sergeevna
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva

28. The influence of microelements-synergists on the productivity and quality of grain of winter wheat

Doctor of Agricultural Sciences, Professor Kostin Vladimir Ilyich
FSBEI of HE Ulyanovsk State Agrarian University
Mudarisov F.A., Isaev Yu.M. Semashkina A.I., Semashkin N.M.

29. Innovative elements of the use of protective stimulating agents in the cultivation of flax

Senior Researcher, Doctor of Agricultural Sciences
Kudryavtsev Nikolay Alexandrovich,
Flax Institute - a branch of the Federal State Budget Scientific Institution, Federal Scientific
Center of the LC
Federal Research Center for Bast Crops
Zaitseva L.A., Kurbanova Z.K.

30. Phytosanitary monitoring in flax growing

Doctor of Agricultural Sciences, Professor
Savoskina Olga Alekseevna,
FSBEI of HE Russian State Agrarian University” - Moscow Agricultural Academy named after
K.A. Timiryazev
Chebanenko S.I.

SECTION 2

ACTUAL PROBLEMS OF MODERNIZATION OF THE TECHNICAL AND TECHNOLOGICAL BASIS OF AIC AND THE WAYS OF THEIR SOLUTION

CONFERENCE IN KAZAN

Location: Kazan, st. R. Gareeva, 62a, Institute of Mechanization and Technical Service, Kazan State Agrarian University, auditorium 227.

Section Chairman - S.M. Yakhin, Doctor of Technical Sciences, Professor

Secretary - V.M. Medvedev, Ph.D. in Technical Sciences, Associate Professor

Justification of the optimal annual load on tractors depending on its parameters, taking into account the impact on the formed crop

Doctor of Technical Sciences, Professor Khafizov Kamil Abdulhakovich,
FSBEI of HE Kazan State Agrarian University
Khafizov R.N., Nurmiev A.A., Galiev I.G.

Optimum annual tractor load on NO TILL technology according to the criterion of total energy costs

Doctor of Technical Sciences, Professor Khafizov Kamil Abdulhakovich,
FSBEI of HE Kazan State Agrarian University
Khafizov R.N., Nurmiev A.A., Galiev I.G.

Methodology for the end-to-end determination of seed injury in the technological process of production of grain crops

Doctor of Technical Sciences, Professor, Nurullin Elmas Gabbasovich,
FSBEI of HE Kazan State Agrarian University
Fayzullin R.A., Zainutdinov I.R., Minsagirov M.F., Erova Yu.V.

Some aspects in the technical support of organic farming

Doctor of Technical Sciences, Professor Nurullin Elmas Gabbasovich,
FSBEI HE Kazan State Agrarian University
Zainutdinov I.R., Minsagirov M.F., Fayzullin R.A.

Mathematical modeling of the trajectory of the movement of grain in the working space of a sheller with a rotating deck

Ph.D. in Technical Sciences, Associate Professor, Dmitriev Andrey Vladimirovich,
FSBEI of HE Kazan State Agrarian University
Ibyatov R.I., Ziganshin B.G., Khaliullin D.T., Zinnatullina A.N.

Development of a mathematical model for ensuring the operability of tractors taking into account the residual resources of their units and systems

Doctor of Technical Sciences, Professor, Galiev Ilgiz Gakifovich,
FSBEI of HE Kazan State Agrarian University

On the issue of establishing the dependence of the degree of purification of contaminated spent mineral oils on the structural and geometric parameters of a hydrocyclone

Ph.D. in Technical Sciences, Associate Professor Gayaziev Ilnar Nailevich,
FSBEI of HE Kazan State Agrarian University

Glushchenko A.A., Molochnikov D.E., Khokhlov A.L., Proshkin E.N.

Analysis of the design of technical means for hardening the surfaces of parts by plastic deformation by knurling.

Ph.D. in Technical Sciences. Sciences, Associate Professor, Gimaltdinov Ildus Hafizovich,
FSBEI of HE Kazan State Agrarian University

Doctor of Technical Sciences, Professor Adigamov N.R., Khaziev R.G.

Synthesis of dispersion-filled antifriction materials based on sulfur binder and industrial waste

Ph.D. in Technical Sciences, Associate Professor Akhmetzyanov Rishat Rinatovich,
FSBEI HE Kazan State Agrarian University

Vagizov T.N., Shaikhutdinov R.R.

Agroecological aspects of processes, the synthesis of dispersion-filled composite materials from sulfur-containing waste

Ph.D. in Technical Sciences, Associate Professor Akhmetzyanov Rishat Rinatovich,
FSBEI of HE Kazan State Agrarian University

Shaikhutdinov R.R., Akhmetzyanova R.R., Vagizov T.N.

Investigation of the effect of free flow of soil on the helical surface of a subsoiler

Mukhametshin Ilshat Suleymanovich

FSBEI of HE Kazan State Agrarian University

Valiev A.R., Aleshkin A.V., Ibyatov R.I., Mukhamadyarov F.F.

Methods of moisture accumulation and moisture conservation in the cultivation of crops

Meiser Alexander Vladimirovich,

FSBEI of HE Kazan State Agrarian University

Salakhov I.M., Ziganshin B.G., Matyashin A.V.

Justification of the necessary oil supply by the hydraulic accumulator after internal combustion engine stops

Galimov Ainur Robertovich,

FSBEI of HE Kazan State Agrarian University

Galiev I.G., Gabdrafikov F.Z.

The effectiveness of the use of technology in the agricultural sector

Ph.D. in Technical Sciences, Associate Professor, Asadullin Nail Marsilovich

FSBEI of HE Kazan State Agrarian University

Analysis of the probabilistic-temporal characteristics of agricultural wastewater

Doctor of Technical Sciences, Professor Yuran Sergey Iosifovich
FSBEI of HE Izhevsk State Agricultural Academy
Alekshev V.A., Usoltsev V.P.

The use of finite elements of various dimensions in the strength calculations of thin-walled structures of the agro-industrial complex

Ph.D. in Technical Sciences, Associate Professor Vakhnina Olga Vladimirovna
FSBEI of HE Volgograd State Agrarian University
Klochkov Yu.V., Nikolaev A.P., Sobolevskaya T.A., Klochkov M.Y.

CONFERENCE IN SAMARA

**Venue: Ust-Kinelsky, st. Sportivnaya 8a, Samara State Agrarian University,
Audience 3218**

Section Chairman – Yu.A. Saveliev, Doctor of Technical Sciences, Professor

Secretary – D.N. Kotov, Ph.D in Technical Sciences, Associate Professor

Development of technical means for differential fertilizer application

Ph.D in Technical Sciences, Professor Petrov Alexander Mikhailovich,
FSBEI of HE Samara State Agrarian University

Ph.D in Technical sciences Kanaev M.A., Ph.D. tech. Sciences Kirov V.A., Ph.D. in
Agricultural. Sciences Kuznetsov K.A., Petrov M.A.

Investigation of the transporting process of hard-flowing seeds with a torsion-pin sowing device

Doctor of Technical sciences, Professor Kryuchin Nikolay Pavlovich,
FSBEI of HE Samara State Agrarian University

Ph.D. in Technical Sciences, associate professor Kotov D.N., Senior Lecturer Artamonova O. A.

Development of a universal device for feed preparation

Ph.D. in Technical Sciences, Professor Novikov Vladimir Vasilievich,
FSBEI HE Samara State Agrarian University

Mishanin A.L., Denisov S.V., Kotov D.N., Gretsov S.V.

Methodology and results studies of a batch mixer from a press extruder

Ph.D. in Technical Sciences, Associate Professor Mishanin Alexander Leonidovich,
FSBEI of HE Samara State Agrarian University

Doctor of Technical Sciences, Professor Konovalov VV, Ph.D., Professor Novikov VV, Ph.D.,
Associate Professor Gretsov A.S.

Universal equipment for research of traction resistance in tillage tools and their combinations

Ph.D. in Technical Sciences, Associate Professor Erzamaev Maxim Pavlovich,
FSBEI of HE Samara State Agrarian University

Afonin A.E., Sazonov D.S., Nesterov E.S., Kurmanova L.S.

Tractor driven tillage implement for energy-efficient soil cultivation

Ph.D. in Technical Sciences Ishkin Pavel Aleksandrovich,
FSBEI of HE Samara State Agrarian University

Petrov A.M., Saveliev Yu.A., Petrov M.A.

The rational composition of diesel mixed fuel with anti-wear properties

Ph.D. in Technical Sciences, Associate Professor Volodko Oleg Stanislavovich,
FSBEI HE Samara State Agrarian University

Ph.D., Associate Professor Bychenin A.P., Doctor of Technical Sciences, Professor Ukhanov
A.P.,

Graduate student Ukhanova Yu.V.

Functional dependences in the performance of mixer with screw blades

Graduate student Borisova Marina Viktorovna,
FSBEI of HE Samara State Agrarian University
Ph.D. in Technical Science Novikov V.V., Dr. tech. sciences Konovalov VV, Ph.D. in Technical
Science Mishanin A.L., Ph.D. in Technical Science Gretsov A.S.

Determination of structural and technological parameters of a combined working body

Ph.D. in Technical Sciences, Associate Professor Ivanaysky Sergey Alexandrovich,
FSBEI of HE Samara State Agrarian University
Ph.D. in Technical Sciences, Professor Petrov A.M. Ph.D. in Technical Sciences, Associate
Professor Kanaev M.A., Ph.D. in Technical Sciences, associate professor Parfenov OM,
Graduate student Ivanaysky MS

The influence of structural and operational parameters of centrifugal fractionation of the livestock
drainage on the quality indicators of the process of their utilization

Doctor of Technical Sciences, Associate Professor Kirov Yuri Alexandrovich
FSBEI of HE Samara State Agrarian University
Ph.D. in Technical Sciences, Associate Professor Kirov V.A., Ph.D. ped Sci., Associate
Professor Kirova Yu. Z., Sychev A.S., Blinkov R.A.

Technical and technological measures for adapting agriculture to global warming

Doctor of Technical Sciences, Professor Milyutkin Vladimir Alexandrovich,
FSBEI of HE Samara State Agrarian University
Ph.D. in Agricultural Sciences Sysoev V.N., Ph.D. in Agricultural Sciences Trot A.P., Ph.D. in
Technical Sciences Guzhin I.N., Ph.D. in Technical Sciences Zhiltsov S.N.

IN ABSENTIA

Application of fractal analysis to assess the surface quality of the parts of agricultural machinery

Ph.D. of Technical Sciences, Associate Professor Oleg Bavykin,
FSBEI of HE "Moscow Polytechnic University"
Levina T.A., Matrosova V.V., Klochkov A.Ya., Enin V.S.

Analysis of data collection and processing system for assessing the actual reliability of domestic tractors

Doctor of Technical Sciences, Professor Vyacheslavova Olga Fedorovna,
FSBEI of HE "Moscow Polytechnic University"
Parfenyeva I.E., Levina T.A., Klochkov A.Ya.

Taking into account possible elastic-plastic deformations when calculating shell structures of complex
configuration that are part of the engineering structures of the agro-industrial complex

Ph.D. in Technical Sciences, Associate Professor Dzhabrailov Arsen Shahnazovich, FSBEI of
HE Volgograd State Agrarian University
Doctor of Technical Sciences Klochkov Yu.V., Doctor of Technical Sciences Nikolaev A.P.

Improving the working bodies of potato harvesters through the use of composite materials

Doctor of Technical Sciences, Associate Professor Kostenko Mikhail Yurievich,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
N. Byshov, G. Rembalovich, N. Zhbanov, N. Kostenko

Justification of technical and operational characteristics in the installation for sorting corn cobs

Doctor of Technical Sciences, Associate Professor Rembalovich Georgy Konstantinovich,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
Byshov D.N., Borychev S.N., Petyunnina I.A., Kotelevskaya E.A.

Study of the physical and mechanical characteristics of corn feed

Doctor of Technical Sciences, Professor Ulyanov Vyacheslav Mikhailovich,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
Utolin V.V., Luzgin N.E., Krygin S.E., Parshina M.V.

Improving the technology of the process of surface application of mineral fertilizers

Doctor of Technical Sciences, Associate Professor Shemyakin Alexander Vladimirovich,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
Borychev S.N., Uspensky I.A., Andreev K.P., Terentyev V.V

Modeling and calculating the drive power of a spiral mixer

Doctor of Technical Sciences, Professor Konovalov Vladimir Viktorovich,
FSBEI of HE Penza State Agrarian University
Ph.D. Konovalov V.V., Ph.D. Teryushkov V.P., Ph.D. Chupshev A.V.,
Ph.D. Mishanin A.L.

Optimization of cremator settings for utilization of poultry waste by burning in microwave boiler unit

Ph.D. in Technical Sciences, Associate Professor Konovalov Viktor Ivanovich,
FSBEI HE Buryat State Agricultural Academy named after V.R. Filippova
Dr. Tech. sciences, Professor Konovalov V.V., Doctor of Technical Sciences, Professor G. Gumarov,
Ph.D. tech. Sciences Denisov S.V., Graduate student A. Konovalova

SECTION 3
RATIONAL USE OF NATURAL RESOURCES IN AGRICULTURE AND FORESTRY
CONFERENCE IN KAZAN

Location: Kazan, village Derbyshki, st. Home, d. 69a, Faculty of Forestry and Ecology, Kazan State Agrarian University, auditorium No. 20

Section Chairman - L.Yu. Pukhacheva, Candidate of Agricultural Sciences, Associate Professor
Secretary - I.R. Galiullin, Candidate of Agricultural Sciences, Associate Professor

Criteria for the regulation of dioxin in the agro-industrial complex in Russia

Ph.D. Tech. sciences, Associate Professor Vinogradov Vasily Yurevich,
KNITU (KAI) named after. A.N. Tupolev
Gubeidullina A.Kh., Gibadullin R.Z., Glushko S.G., Petrova G.A.

Modern directions for studying the soil cover of forest ecosystems

Dr. Biol. sciences, Professor Sabirov Ayrat Tagirzyanovich,
FSBEI of HE Kazan State Agrarian University
Uldanova R.A., Galiullin I.R., Shakirov I.N., Galiullina E.V.

Differentiated assessment of the recreational potential of forests in the management of recreational forests

Doctor of Agricultural Sciences, Professor Musin Haris Gainutdinovich,
FSBEI of HE Kazan State Agrarian University
Denisov S.V., Khalilov I.I. Minnikhanov A.R.

Assessment of recreational forests at the stages of recreational digression

Doctor of Agricultural Sciences, Professor Musin Haris Gainutdinovich,
FSBEI of HE Kazan State Agrarian University
Denisov S.V., Khalilov I.I., Gafiyatov R.K.

Assessment of sanitary parameters of soils in cedar stands

Ph.D. in Agricultural Sciences, Associate Professor Avdeev Yuri Mikhailovich,
FSBEI of HE "Vologda State University"
Khamitova S.M., Galiullin I.R., Popova A.V., Lukashevich V.M.

The influence of climatic factors on succession processes in the forests of the forest-steppe zone of the Republic of Tatarstan

Ph.D. in Agricultural Sciences, Associate Professor, Hakimova Zulfiya Gazyanovna,
FSBEI of HE Kazan State Agrarian University
Khakimova Z. G., Chernov V.I., Davletshin R.A.

Bacterial dropsy, its prevalence and impact on the state of birch forests of the Pre-Kama region in the Republic of Tatarstan

Ph.D. in Agricultural Sciences, Associate Professor Yatmanova Nadezhda Mikhailovna,
FSBEI of HE Kazan State Agrarian University

Development of MPC 2,3,7,8 in feed

Ph.D. in Biological Sciences, Associate Professor Gibadullin Radik Zifarovich,
FSBEI of HE Kazan State Agrarian University
Gubeidullina A.Kh., Vinogradov V.Yu., Glushko S.G., Petrova G.A.

The influence of climatic factors on succession processes in the forests of the forest-steppe zone of the Republic of Tatarstan

Ph.D. in Agricultural Sciences, Associate Professor Singatullin Irek Kiramovich,
FSBEI of HE Kazan State Agrarian University
Khakimova Z.G., Chernov V.I., Davletshin R.A.

Selection of an assortment of herbaceous plants to create the soil cover of a park using plants of natural phytocenosis

Ph.D. Biological Sciences, Associate Professor Shlapakova Svetlana Nikolaevna,
FSBEI of HE Bryansk SITU
Berezkina I.V., Khanbabaeva O.E., Sorokopudov V.N., Lukashov E.S.

Screening phytopathogens and phytophages on varieties of Henomeles (Chaenomeles Lindl.)

Ph.D. Biological Sciences, Associate Professor Shlapakova Svetlana Nikolaevna
FSBEI of HE Bryansk SITU
Fedulova Yu.A., Kuklina A.G., Sorokopudov V.N., Sorokopudova O.A., Lukashov E.S.

The effectiveness of presowing treated coniferous seeds with growth stimulants

Ph.D. in Agricultural Sciences, Associate Professor Muhametshina Aigul Ramilevna,
FSBEI of HE Kazan State Agrarian University
Khalilov I.I., Pukhacheva L.Yu., Shaykhraziev Sh.Sh., Akhmetov A.Yu.

A study of water conservation forests in the Middle Volga region

Ph.D. in Agricultural Sciences, Associate Professor Glushko Sergey Gennadevich,
FSBEI of HE Kazan State Agrarian University

Informative characteristics of forest generators

Ph.D. in Agricultural Sciences, Associate Professor Glushko Sergey Gennadevich,
FSBEI of HE Kazan State Agrarian University

Informative potential of oak forests of the Middle Volga

Ph.D. in Agricultural Sciences, Associate Professor Glushko Sergey Gennadevich,
FSBEI of HE Kazan State Agrarian University

Reproduction of protective forest stands in the forest-steppe of the Middle Volga

Shakirov I.N.
FSBEI HE Kazan State Agrarian University

Galiullin I.R., Galiullina E.V., Uldanova R.A., Sabirov A.T.

The results of pheromone surveillance of bark beetle by a typographer in spruce forests of the Republic of Tatarstan

Taziev Insaf Ramilevich,
FSBEI of HE Kazan State Agrarian University
Musin Kh.G., Kuzyakina N.I., Mukhametshina A.R., Minnehanov A.R.

SECTION 4
CURRENT ISSUES OF VETERINARY AND ZOO EQUIPMENT,
BIOTECHNOLOGIES OF PRODUCTION AND PROCESSING OF AGRICULTURAL
PRODUCTS

CONFERENCE IN KAZAN

Location: Kazan, st. Sibirsky Tract, d. 35, Kazan State Aviation Administration, Meeting Room

Section Chairman - T.M. Akhmetov, Doctor of Biological Sciences, Professor

Secretary - N.M. Kanalina, Candidate of Biological Sciences, Associate Professor

The formation on biogenic amines and their importance in fermented foods

Doctor of Science, Professor Camil Ekichi,
Van University, Turkey
Abdullah Khalid Omer

PCR-RFLP study of allelic variants of the bovine BCO2 gene

Dr. Bahattin Zak,
Van University, Turkey
Orhan Yilmaz, Ahmet Fatih Demirel

Assessment of the polymorphism in the complex genotypes LEP, SCD1 and milk production of Holstein first heifers

Dr. Biol. Sciences, Professor Akhmetov Tahir Munavirovich,
FSBEI of HE Kazan State Autonomous Okrug
Safina N.Y., Shakirov S.K.

State task to veterinary institutions: development, implementation and financial support

Dr. Vet. sciences, Associate Professor Vasiliev Mikhail Nikolaevich,
FSBEI of HE Kazan State Autonomous Okrug
Nikitin I.N., Akmullin A.I., Trofimova E.N., Sapozhnikova V.A.

Assessment of the toxicological properties of natural products

Dr. Biol. sciences, Associate Professor Medethanov Fazil Akberovich,
FSBEI of HE Kazan State Autonomous Okrug
Muravyova K.V., Khadeev D.P., Konakova I.A., Yarullina E.S.

The condition of homeostasis in small breeds of dogs with a diagnosis of false polyiodontia

Ph.D. in Vet. sciences, Associate Professor Galimzyanov Ilmur Gabdulhakovich,
FSBEI of HE Kazan State Autonomous Okrug
Morozova D.D., Krasnikov A.V., Krasnikova E.S., Annikov V.V.

Development of the associated vaccine against PG-3, IRT, VD-BS and cattle chlamydia

Ph.D. in Vet. sciences, associate professor Galimzyanov Ilmur Gabdulhakovich,
FSBEI of HE Kazan SAVM

Evstifeev V.V., Akbashev I.R., Yakovlev S.I., Klyatsky M.I.

The use of biferon-b for the prevention of mastitis in cows

Dr. Vet. sciences. Klimov Nikolay Timofeevich,
FSBSI "All-Russian Scientific Research Veterinary Institute Of Pathology, Pharmacology And
Therapy", Voronezh
Pashentsev A., Zimnikov V., Sashnina L., Morgunova V.

Histomorphometric indices of the spleen of broilers of the Cobb-500 cross breed with the use of species-specific interferon

Ph.D. in Vet. Sciences Mikhailov Evgeniy Vladimirovich,
FSBSI "All-Russian Scientific Research Veterinary Institute Of Pathology, Pharmacology And
Therapy", Voronezh
Kotarev V.I., Khokhlova N.A., Chaplygina Yu.A., Falkova Yu.O., Misharin I.I.

The problem of chronic endometritis in cows and ways to solve it

Dr. Vet. Sciences Mikhalev Vitaliy Ivanovich,
FSBSI "All-Russian Scientific Research Veterinary Institute Of Pathology, Pharmacology And
Therapy", Voronezh
Bondarev I., Morgunova V, Sashnina L., Tolkachev I.

Comparative histological changes in the structure of the spleen, kidneys of experimental chickens exposed to the action of "Gidamis" as adjuvant for vaccination against infectious bronchitis of hens

Dr. Vet. sciences, professor Asrutdinova Rezilya Akhmetovna,
FSBEI of HE Kazan SAVM
Zalyalov I.N., Kirillov E.G., Sunagatov F.F., Dubovoi A.S.

Prospects for the use of functional feed additives in livestock and poultry farming

Doctor of Agricultural Sciences, Professor Gainullina Munira Kabirovna,
FSBEI of HE Kazan SAVM
Volkov A.Kh., Yusupova G.R., Yakimov O.A., Mohammed Dandravi Korashi Abbas

Drug for the treatment of cattle digestive tract strongilatoses

Dr. Vet. Sciences, Professor Lutfullin Minsagit Khairulloevich,
FSBEI of HE Kazan SAVM
Mingaleev D.N., Shangaraev R.R.

The effect of different levels of sodium-potassium ratio on the digestibility and use of nutrients rations

Doctor of Biological Science, Associate Professor Tenlibaeva Aimkul Serikbaevna,
South Kazakhstan University named after M. Auezova, Kazakhstan

Digestibility of nutrients by broiler chickens when Bisphenol-5 antioxidant is added to their diet

Doctor of Agricultural Sciences, Associate Professor Shilov Valentin Nikolaevich,
FSBEI of AVE "Tatar Institute for Retraining of Agribusiness Personnel"
Khakimova G.A., Semina O.V., Akhmadullin R.M.

A retrospective analysis of changes in the epizootic situation of cattle tuberculosis in the Republic of Tatarstan for 1960 - 2018.

Dr. Vet. sciences, associate professor Mingaleev Danil Nailevich,
FSBEI of HE Kazan SAVM
Khisamutdinov A.G., Efimova M.A., Trubkin A.I., Kamaliev Yu.R.

Veterinary sanitary assessment of chicken meat using squalene

Kirillov Igor Gennadievich,
FSBEI of HE Kazan SAVM
Asrutdinova R.A., Yakupova L.F., Gilmutdinov R.Ya., Kirillov E.G.

Assessment of manufacturing bulls with different complex genotypes of somatotropin cascade genes by origin

Ph.D. Biological Sciences, Associate Professor Zagidullin Lenar Rafikovich,
FSBEI of HE Kazan SAVM
Gilemkanov I.I., Khisamov R.R., Tyulkin S.V.

Characterization of lactational activity of first-born cows in conditions of robotic milking

Ph.D. Biological Sciences, Associate Professor Zagidullin Lenar Rafikovich,
FSBEI of HE Kazan SAVM
Khisamov R.R., Kayumov R.R.

Inheritance of allelic variants of the kappa-casein gene by daughters from bulls (fathers)

Doctor of Agricultural Sciences, Associate Professor Shaydullin Radik Rafailovich,
FSBEI of HE Kazan State Agrarian University
Sharafutdinov G.S., Moskvicheva A.B., Faizov T.Kh., Yuldashbaev Yu.A.

Productive longevity of black-motley cows with different genotypes CSN3 and DGAT1

Doctor of Agricultural Sciences, Professor Sharafutdinov Gazimzyan Salimovich,
FSBEI of HE Kazan State Agrarian University
Shaidullin R.R., Moskvicheva A.B., Ravilov R.Kh., Tenlibaeva A.S.

Effective cow feeding management

Ph.D. in Agricultural Sciences, Associate Professor Moskvicheva Anastasia Borisovna,
FSBEI HE Kazan State Agrarian University

The influence of the frequency and intervals of milking on milk production and functional properties of the udder of cows in automated milking systems

Ph.D. Biological Sciences. Sharipov Delyus Rinatovich,
FSBEI of HE Kazan SAVM

Kayumov R.R., Akhmetov T.M., Ravilov R.Kh., Akhmetzyanova F.K.

Morphological parameters in blood of calves suffering from cryptosporidiosis, after applying various treatment regimens

Dr. Vet. sciences, Professor Mullakaev Orazali Turmanovich,
FSBEI HE Kazan SAVM
Zalyalov I.N., Kirillov E.G., Konstantinova I.S., Bulatova E.N.

Cartographic analysis of the nosoareal of bovine tuberculosis in the Republic of Tatarstan (132_Mingaleev_DN.)

Dr. of Biological Sciences Efimova Marina Anatolevna,
FSBEI of HE Kazan State Autonomous Okrug
Mingaleev D.N., Khisamutdinov A.G., Trubkin A.I., Kamaliev Y.R.

Development and implementation of government tasks to institutions of the state veterinary service in the constituencies of the Russian Federation

Dr. Vet. sciences, professor Nikitin Ivan Nikolaevich,
FSBEI of HE Kazan SAVM
Vasiliev M.N., Akmullin A.I., Trofimova E.N., Sapozhnikova V.A.

Cultural, morphological and biochemical properties of the vaccine strain Lange of the causative agent of anthrax after prolonged storage

Dr. Vet. Sciences, Professor Galiullin Albert Kamilovich
FSBEI of HE Kazan SAVM
Zadorina I.I., Sadykov N.S., Mustafina E.N.

Improving the breeding system for cattle and goats for dairy and meat production

Ph.D. Biological Sciences, Senior Researcher Kalashnikov Alexander Evgenievich,
VNIIPlem, Moscow region
Kalashnikova L.A., Novikov A.

Creation of multiplex, molecular genetic tools, simultaneous indication for pathogens of infectious diseases

Dr. Vet. Sciences, Professor Faizov Tagir Hadievich,
Federal State Budgetary Institution "FTsTRB-VNIVI", Kazan
Usoltsev K.V.

Assessment of manufacturing bulls on kappa-casein in the conditions of the Udmurt Republic

Doctor of Agricultural Sciences, Associate Professor Berezkina Galina Yurevna,
FSBEI of HE Izhevsk State Agricultural Academy
Kislyakova E.M., Vorobyova S.L., Shkarupa K.E.

Optimization of the microclimate in the nest of bee colonies in winter

Doctor of Agricultural Sciences, Associate Professor Vorobeva Svetlana Leonidovna,
Vice-rector for educational and educational work
FSBEI of HE Izhevsk State Agricultural Academy
Kokonov S.I., Vasilyeva M.I., Kolbina L.M., Kislyakova E.M.

The use of environmentally friendly prophylactic against ascospores

Doctor of Agricultural Sciences, Associate Professor Vorobeva Svetlana Leonidovna,
Vice-rector for educational and educational work
FSBEI of HE Izhevsk State Agricultural Academy
Lyubimov A.I., Kislyakova E.M., Berezkina G.Y., Mushtaleva E.D.

Nutritional value and main parasitoses of fish used in the nutrition of the indigenous population of Yakutia

Ph.D. Biological Sciences, Associate Professor Platonov Terenty Afanasevich,
FSBEI of HE Yakut State Agricultural Academy
Kuzmina N.V., Stepanov K.M., Nyukkanov A.N., Gorokhova A.I.

The participation of parainfluenza virus 3 in respiratory diseases of young cattle

Gerish Ashuac
FSBEI of HE Kazan SAVM
Galiullin A.K., Gumerov V.G., Karimullina I.G., Krasovskaya Y.V., Shaeva A.Y.

Some pathogenetic aspects of acute intestinal infections in suckling piglets

Dr. Vet. sciences, professor, corresponding member RAS Shakhov Alexey Gavrilovich,
FSBSI "All-Russian Scientific Research Veterinary Institute Of Pathology, Pharmacology And
Therapy", Voronezh

Sashnina L.Y., Vladimirova Y.Y., Zheyne M.Yu., Samuilenko A.Ya.

The level of markers of endogenous intoxication in the midst of bronchopneumonia and in the period of convalescence in calves

Dr. Vet. Sciences Alekhine Yuri Nikolaevich,
FSBSI "All-Russian Scientific Research Veterinary Institute Of Pathology, Pharmacology And
Therapy", Voronezh

Zhukov M.S., Green S.A., Koshcheev A.G.

Reasons for Cattle Retirement on Feeding Farms

Ph.D. Vet. Sciences Zhukov Maxim Sergeevich,
FSBSI "All-Russian Scientific Research Veterinary Institute of Pathology, Pharmacology And
Therapy", Voronezh
Alekhin Y.N., Kalyuzhny II, Dorozhkin V.I., Stekolnikov A.A.

Studies on the expression pattern of genes for antioxidant enzymes and enzymes involved in the implementation of genetic information in E. coli cells with the development of antibiotic resistance to apramycin and cefatoxime

Ph.D. Vet. Sciences Pasko Nadezhda Valerevna,
FSBSI "All-Russian Scientific Research Veterinary Institute of Pathology, Pharmacology And
Therapy", Voronezh
Fomenko O., Mikhailov E., Pasko N., Syromyatnikov M., Levchenko V.

Some pathogenetic aspects of acute intestinal infections in suckling piglets

Dr. Vet. Sciences Sashnina Larisa Yurevna,
FSBSI "All-Russian Scientific Research Veterinary Institute Of Pathology, Pharmacology And
Therapy", Voronezh
Shakhov A.G., Vladimirova Y.Y., Zheyne M.Y., Boev V.Y.

Modern concepts for the diagnosis and treatment of calf hypotrophy in the neonatal period

Ph.D. Vet. sciences, associate professor Savrasov Dmitry Aleksandrovich,
FSBEI of HE Voronezh State Agrarian University
Dorozhkin V.I

CONFERENCE IN. SAMARA

**Venue: Ust-Kinelsky, st. Training 1, Samara State Agrarian University,
Auditorium 1204**

Section Chairman - H. B. Baimishev, Doctor of Biological Sciences, Professor

Co-chair

Secretary - A.S. Karamaeva, candidate of biological sciences, associate professor

1. The state and prospects in the development of livestock in the Samara region

Ph.D. in Agricultural Sciences,
Head of the Department of Livestock and Breeding Affairs of the Ministry of Agriculture and
Food of the Samara Region
Ilyin Rudolf Gennadievich

2. Transplantation of cattle embryos - new opportunities

On Skype - Professor CesareGalli (Italy) and after D. Knurov
Knurov Denis Anatolyevich
Director, Center for Reproductive Technologies LLC

3. Age-related changes in body weight of young Edilbayev sheep of different genotypes

Doctor of Agricultural Sciences, Professor Traisov Baluash Bakishevich,
West Kazakhstan Agrarian and Technical
Zhangir Khan University, Republic of Kazakhstan
Doctor of Agricultural Sciences, Professor Y.A. Yuldashbaev, Ph.D. Davletova, Doctor, Ph.D.,
D.B. Smagulov

4. Reproductive indicators of highly productive cows and their metabolism

Doctor of Veterinary Sciences, Professor Eremin Sergey Petrovich,
FSBEI of HE Nizhny Novgorod State Agricultural Academy
Baimishev Kh. B., Baimishev M. Kh., Esengaliev K.G., Baimisheva S.A.

5. The use of dihydroquercetin and arabinogalactan in the diet of weaned piglets

Doctor of Biological Sciences, Leading Researcher
Nikanova Lyudmila Anatolyevna,
Federal State Budgetary Scientific Institution Federal Research Center All-Russian Research
Institute of Livestock named after L.K. Ernst
Kolodina E.N., Nikanova D.A.

6. Pharmacoprophylaxis of liver diseases: the creation of a new hepatoprotector

Doctor of Biological Sciences, Professor Zytkova Svetlana Sergeevna,
FSBEI of HE Perm Military Institute of the National Guard Troops of the Russian Federation

Dr. Farm Science Shurov S.N., Dr. Biol. Sciences Gugushvili N.N., Dr. vet. Sciences Savinkov
A.V., Ph.D. Chem. Sciences Talismanov V.S.

7. Extruded feeds in cow feeding

Doctor of Agricultural Sciences Konstantinov Viktor Alekseevich,
State Budgetary Institution of Additional Professional Education "Samara - Agricultural
Regional Information System"
Dr. Biol. Sciences Zaitsev V.V.

8. The quality of milk when feeding cows with silage from legumes with biological preservatives

Doctor of Agricultural Sciences, Professor Karamaev Sergey Vladimirovich,
FSBEI of HE Samara State Agrarian University
Valitov H.Z. Dr. Agricultural. sciences, Professor; Karamaeva A.S. Ph.D. in Biological Sciences,
associate professor; Soboleva N.V. Ph.D. in Agricultural Sciences, Associate Professor; Bakaeva
L.N., Ph.D. in Agricultural Sciences, Associate Professor.

9. On the results of a genomic assessment of Holstein heifers in the Samara region

Doctor of Biological Sciences, Professor Baimishev Hamidulla Baltukhanovich,
FSBEI of HE Samara State Agrarian University
Baimishev M. Kh., Uskova I.V., Traisov B. B., Vasiliev A. A.

10. Biological and productive features of the use of complex feed additives in the nutrition of dairy
cows

Ph.D. in Biological Sciences Bogolyubova Nadezhda Vladimirovna,
Federal State Budgetary Institution Federal Research Center All-Russian Research Institute of
Livestock named after L.K. Ernst
Romanov V.N.

11. The efficacy in scoring for the fatness of beef cattle with body measurements, live weight and
productivity

Doctor of Agricultural Sciences, Professor
Khakimov Ismagil Nasibullovich,
FSBEI of HE Samara State Agrarian University
Akimov A.L., Sharafutdinov G.S., Mudarisov R.M.

12. Morphological characteristics of honey bees of the Volga region

Doctor of Biological Sciences Zemskova Natalia Evgenievna,
FSBEI of HE Samara State Agrarian University
Sattarov V.N., Skvortsov A.I., Semenov V.G., Melnikova E.N.

13. The effectiveness in the selection of pigs by maturity and thickness of the fat at different intensities
in their selection.

Doctor of Agricultural Sciences, Professor
Ukhtverov Andrey Mikhailovich,
FSBEI of HE Samara State Agrarian University
Khakimov I.N., Zaitseva E.S., Zaspal L.F., Kanaeva E.S.

14. Interaction of morpho-biochemical and productive indicators of calves and cows during correction with enterosorbent water

Doctor of Biological Sciences, Professor Molyanova Galina Vasilievna,
FSBEI of HE Samara State Agrarian University
Dr. Biol. Science, Professor V. Grigoriev,
Ph.D. in Biol. sciences, Associate professor, Ermakov V.V.

15. The effectiveness of the use of a complex of biological and mineral compounds in alimentary osteodystrophy of lactating cows

Doctor of Veterinary Sciences, Associate Professor Savinkov Alexey Vladimirovich,
FSBEI of HE Samara State Agrarian University
Dr. Vet. Sciences Semenenko M.P., Dr. vet. Sciences Kuzminova E.V.,
Dr. Vet. Sciences Meshcheryakov A. G., Lapteva A. I.

16. Cicatricial digestion and productivity of calves using flaxseed meal and choline

Doctor of Biological Sciences, Professor Zaitsev Vladimir Vladimirovich,
FSBEI of HE Samara State Agrarian University
Bogolyubova N.V.

17. Koilocytic atypia of squamous papilloma of dogs

Ph.D. in Veterinary Sciences, Associate Professor Natalya Kudacheva,
FSBEI of HE Samara State Agrarian University

18. The growth and development of dairy calves, depending on the method of feeding colostrum and milk

Ph.D. in Biological Sciences, Associate Professor Karamaeva Anna Sergeevna,
FSBEI of HE Samara State Agrarian University
Karamaev S.V., Dr. Agricultural. Sciences, Professor; Valitov H.Z. Dr. S of Agricultural
Sciences, Professor; Bakaeva L.N. Ph.D. in Agricultural Sciences, Associate Professor;
Soboleva N.V. Ph.D. in Agricultural Sciences, Associate Professor

19. The effect of diatomaceous minerals on adaptive reactions in weaned piglets

Doctor of Veterinary Sciences, Associate Professor Savinkov Alexey Vladimirovich,
FSBEI of HE Samara State Agrarian University
Ph.D. Biol. Sciences Ilyasov P.V., Ph.D. vet. Sciences Guseva O.S.,
Ph.D. vet. Sciences Mikhaleva T.V.

20. The dynamics of the variable heart rate of animals and its correlation with economic indicators and age

Doctor of Biological Sciences, Associate Professor Anna Emelyanova,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
Kashirina L.G., Stepura E.E., Emelyanov S.D., Borycheva Yu.P.

21. The quality of dairy products made from milk of cows under vitamin-containing preparations

Doctor of Biological Sciences, Professor Kashirina Lidiya Grigoryevna,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
K. Ivanishchev, K. Romanov

22. Prospects for industrial winemaking in the Samara region

Ph.D. in Technical Sciences, Associate Professor Pavel Chaldae, FSBEI of HE "Samara State Technical University"
Malyshev S.S., Zenkova D.V., Bakharev V.V., Bykov D.E.

Program for the workshop "Healthy Horse"

Location: st. Sibirsky Tract, d. 35, Kazan State Aviation Administration, main hall of the Academy, Kazan

1	Registration of conference participants	Kazan, st. Siberian tract 35, Kazan State Aviation Administration, main hall of the academy	08.30 – 09.30
2	Theme: “Environmentally Friendly Animal Feeding” Ibatullina Rimma Petrovna Ph.D., Director of NPI BIOPREPARATIONS LLC	Kazan, st. Sibirsky Tract, 35, Kazan State Aviation Administration, auditorium 118	09.30 – 09.45
3	Topic: “Modern magnetotherapy devices for the rehabilitation of horses in equestrian sports” Gazizov Kayum Kasymovich Ph.D., international expert in hippoence, trainer-teacher Halikova Svetlana Borisovna Chief Specialist of the Veterinary Clinic of the Kazan International Equestrian Sports Complex	Kazan, st. Sibirsky Tract 35, Kazan SAVM, auditorium 118	09.45 – 10.15
4	Topic: “New methods for osteosynthesis in large animals” Dr. Dirk Barniewitz, Research Center for Medical Technology and Biotechnology, Bad Langensaltz, Germany	Kazan, st. Sibirsky Tract 35, Kazan SAVM, auditorium 118	10.15 – 11.15
5	Theme: “Dentistry for horses” Anna-Maria Immich, practicing veterinarian, leading specialist in horse diseases, dentistry and animal surgery, Germany	Kazan, st. Sibirsky Tract 35, Kazan SAVM, auditorium 118	11.15 – 12.15
6	Lunch	Canteen	12.15 – 13.00
7	Master class by Dr. Dirka Barnevitsa	Kazan, st. Siberian tract 35, Kazan SAVM, Clinical building	13.00 – 14.30
8	Master class by Anna-Maria Immich	Kazan, st. Siberian tract 35, Kazan SAVM, Clinical building	14.30 – 16.00
9	Departure of conference participants		

SECTION 5
DEVELOPMENT OF AGRICULTURAL ECONOMY AND PERSONNEL SECURITY
IN THE CONDITIONS OF DIGITALIZATION OF AGRICULTURE

CONFERENCE IN KAZAN

Location: Kazan, st. K. Marx, d. 65, Kazan SAU, meeting hall.

Section Chairman - M.M. Nizamutdinov, PhD in Economics, Associate Professor

Secretary - E.F. Amirova, PhD in Economics, Associate Professor

Changing the human resources of the agricultural sector in the transition to digital agriculture

Ph.D. in Economic Sciences, Associate Professor Subaeva Asiya Kamilevna,
RSAU Ministry of Agriculture named after K.I. Timaryazeva
Nizamutdinov M.M., Mavlieva L.M.

The Development of Agricultural Economics in the Internet sector

Ph.D. econ. sciences, Associate Professor Amirova Elmira Failovna,
FSBEI of HE Kazan State Agrarian University
Kirillova O.V., Kuznetsov M.G., Gazetdinov Sh.M., Gumerova G.Kh.

Modern actual trends in the development of agricultural science in ensuring food security in Russia

Ph.D. econ. sciences, Associate Professor Kirillova Olga Viktorovna,
FSBEI of HE Kazan State Agrarian University
Amirova E.F., Kuznetsov M.G., Valeeva G.A. Zakharova G.P.

Problems of development in the regional grain market

Doctor econ. sciences, Professor Mukhametgaliev Farit Nurgalievich,
FSBEI of HE Kazan State Agrarian University
Sitdikova L.F., Avkhadiev F.N., Gainutdinov I.G., Petrova V.Y.

Breeding Efficiency and Competitive Breeds in Russian Dairy Cattle Breeding

Ph.D. econ. Chinarov Anton Vladimirovich
FSBSI Federal Research Center All-Russian Research Institute of Livestock named after L.K.
Ernst

Risks of modern biotechnologies and legal aspects of their implementation in agriculture

Ph.D. sciences, Associate Professor Nezhmetdinova Farida Tansykovna,
FSBEI of HE Kazan State Agrarian University
Guryleva M.E. , Sharypova N.Kh., Zinnurova R.I., Tuzikov A.R.

Digital economy and the transformation of training for the agricultural sector

Ph.D. sciences, Associate Professor Nezhmetdinova Farida Tansykovna,
FSBEI of HE Kazan State Agrarian University

Fassakhova G.R., Shagivaliev L.R., Sharypova N.Kh.

Prospects for the development of agricultural business in the Republic of Tatarstan

Ph.D. econ. sciences, Associate Professor Sitdikova Landysh Faritovna
FSBEI of HE Kazan State Agrarian University
Mukhametgaliev F.N., Khismatullin M.M., Asadullin N.M., Mikhailova L.V.

Organizational reserves for the growth in effectiveness of integrated formations

Ph.D. econ. sciences, associate professor Gazetdinov Shamil Mirsharipovich,
FSBEI of HE Kazan State Agrarian University
Gazetdinov M.Kh., Semicheva O.S., Gatina F.F., Nigmatzyanov A.A.

Tendency of Formation and developmental formations for integrated units in the Republic of Tatarstan

Ph.D. econ. sciences, associate professor Gazetdinov Shamil Mirsharipovich,
FSBEI of HE Kazan State Agrarian University
Gazetdinov M.Kh., Semicheva O.S., Gatina F.F.

Analysis of the processes of structural transformations in the agricultural sector in the economy of the Republic of Tatarstan

Ph.D. econ. sciences, Associate Professor Gazetdinov Shamil Mirsharipovich,
FSBEI of HE Kazan State Agrarian University
Gazetdinov M.Kh., Semicheva O.S., Gatina F.F.

The current state of state support for the agricultural sector

Ph.D. econ. Sciences, Associate Professor Zakharova Galina Petrovna,
FSBEI of HE Kazan State Agrarian University

Analysis of the digitalization efficiency of the agricultural sector of the Republic of Tatarstan

Ph.D. econ. sciences, Associate Professor Krupina Gulnara Dzhaudatovna,
FSBEI of HE Kazan State Agrarian University
Safiullin N.A., Kudryavtseva S.S., Savushkina L.N., Kurakova Ch.M.

Organizational and economic tools for ensuring economic security in the process of personnel management in agricultural enterprises

Doctor econ. Sciences, Professor Klychova Guzaliya Salikhovna,
FSBEI of HE Kazan State Agrarian University
Zakirova A.R., Dyatlova A.F., Klychova A.S., Zalyalova N.R.

The development of cheese making in order to increase the efficiency in the economic activity of agricultural enterprises of dairy farming of the Republic of Tatarstan

Ph.D. econ. sciences, Associate Professor Iskhakov Albert Tagirovich,
FSBEI of HE Kazan State Agrarian University

Features of accounting in credit institutions

Ph.D. econ. sciences, Associate Professor Iskhakov Albert Tagirovich,
FSBEI of HE Kazan State Agrarian University

Prospects for the development of a national agricultural advisory system in the context of the transition to a digital agricultural economy

Ph. D. in Economic. Sciences, Senior Researcher Kadomtseva Marina Evgenievna,
Institute of Agrarian Problems RAS, Saratov

Social responsibility of municipal authorities

Ph.D. in Economic Sciences, Associate Professor Savushkina Luiza Nizamovna,
FSBEI of HE Kazan State Agrarian University

The state and factors in the efficiency of agricultural production distribution in the Buinsky district of the Republic of Tatarstan

Ph.D. in Economic Sciences, Associate Professor Safiullin Ilnur Nailevich,
FSBEI of HE Kazan State Agrarian University
Gayfullina A.A.

Assessment in the quality for provision of electronic state and municipal services for example by the Ministry of Agriculture of the Russian Federation

Safiullin Niyaz Azatovich,
FSBEI of HE Kazan State Agrarian University
Fayzrakhmanov D.I., Savushkina L.N., Kurakova Ch.M., Valieva G.R.

Creative activity as a component for the formation of language competencies for students in agricultural universities

Ph.D. Philol. sciences, associate professor Gataullina Roza Vilyurovna,
FSBEI of HE Kazan State Agrarian University
Yarkhamova A.A., Fassakhova G.R., Islamova L.R.

Features for preparing organizers of the educational process in agricultural university towards the use of ICT in professional activities

Ph.D. of Phys.-Math sciences, Associate Professor Gazizov Evgeny Ravilevich,
FSBEI of HE Kazan State Agrarian University
Gazizov A.R., Zinnatullina A.N., Kiseleva N.G.

Folk art as a means of creating universal competence in the system of higher education (evidence from Tatar folk costume)

Ph.D. Philol. sciences, Associate Professor Barsukova Ramsiya Sibakhatullova,
FSBEI of HE Kazan State Agrarian University
Gabdulkhakova I.M

CONFERENCE IN SAMARA

Venue: Ust-Kinelsky, st. Sportivnaya 8a, Samara State Agrarian University, Audience 3235

Section Chairman – O.V. Mamai, Doctor of Economics, Associate Professor

Co-chair

Secretary – M.N. Kupryaeva, candidate of economic sciences, associate professor

Peculiarities of crop insurance (experience of EurAsEC countries)

Doctor of Economics, Professor Verezubova Tatyana Anatolyevna,

Belarusian State Economic University, Minsk,

Republic of Belarus

Zhichkin K.A., Mukhitbekova A.M.

The system for effective management of crop production in modern conditions

Doctor of Economics, Associate Professor Mamai Oksana Vladimirovna,

FSBEI of HE Samara State Agrarian University

Velta Parshova (Latvia), Lipatova N.N., Gazizyanova Yu.Yu., Mamai I.N.

Ways to rationalize the calculation for the cost of dairy products in the management accounting system

Ph.D. in Economic Sciences, Associate Professor Kudryashova Julia Nikolaevna,

FSBEI of HE Samara State Agrarian University

The state of dairy farming in the Samara region

PhD in Economics, Associate Professor Pyatova Olga Fedorovna,

FSBEI of HE Samara State Agrarian University

Ph.D. econ. Sciences Shumilina T.V., Ph.D. econ. Sciences Kupryaeva M.N.,

Ph.D. econ. Sciences Alekseeva O.V.

Electronic procurement form at an agricultural enterprise

PhD in Economics, Associate Professor Volkonskaya Anna Genrikhovna,

FSBEI of HE Samara State Agrarian University

Pashkina O.V., Kurlykov O.I., Galenko N.N., Parshova V.

Features of the digital economy in agriculture

PhD in Economics, Associate Professor Kurmaeva Irina Sergeevna,

FSBEI of HE Samara State Agrarian University

The system for the effective management of livestock production in the context of digitalization of agriculture

Ph.D. in Economic Sciences, Associate Professor Chernova Julia Vladimirovna,

FSBEI of HE Samara State Agrarian University

Regional aspects of the development of the Russian agricultural insurance market

PhD in Economics, Associate Professor Baimisheva Tatyana Akhtamovna,

FSBEI of HE Samara State Agrarian University

Pedagogical tools for preparing students in the digitalization of the agricultural sector

Ph.D. in Pedagogical Sciences, Associate Professor Romanov Dmitry Vladimirovich,
FSBEI of HE Samara State Agrarian University
Dr. ped. sciences Berishvili O.N., Doctor of Philosophy.Science Filatov T.V.,
Ph.D. ped Sciences Plotnikova Svetlana Vladimirovna

Linguistic disciplines as a factor in the formation of general cultural competence of future specialists

Ph.D. in Pedagogical Sciences, Associate Professor Bukhvalova Elena Gennadievna,
FSBEI of HE Samara State Agrarian University

Agricultural insurance development trends in Russia
PhD in Economics, Associate Professor Nosov Alexey Viktorovich,
FSBEI of HE Penza GAU
Tagirova O.A., Fedotova M.Yu.

Transformation of the Accountancy Profession in the Digitalization of Agriculture

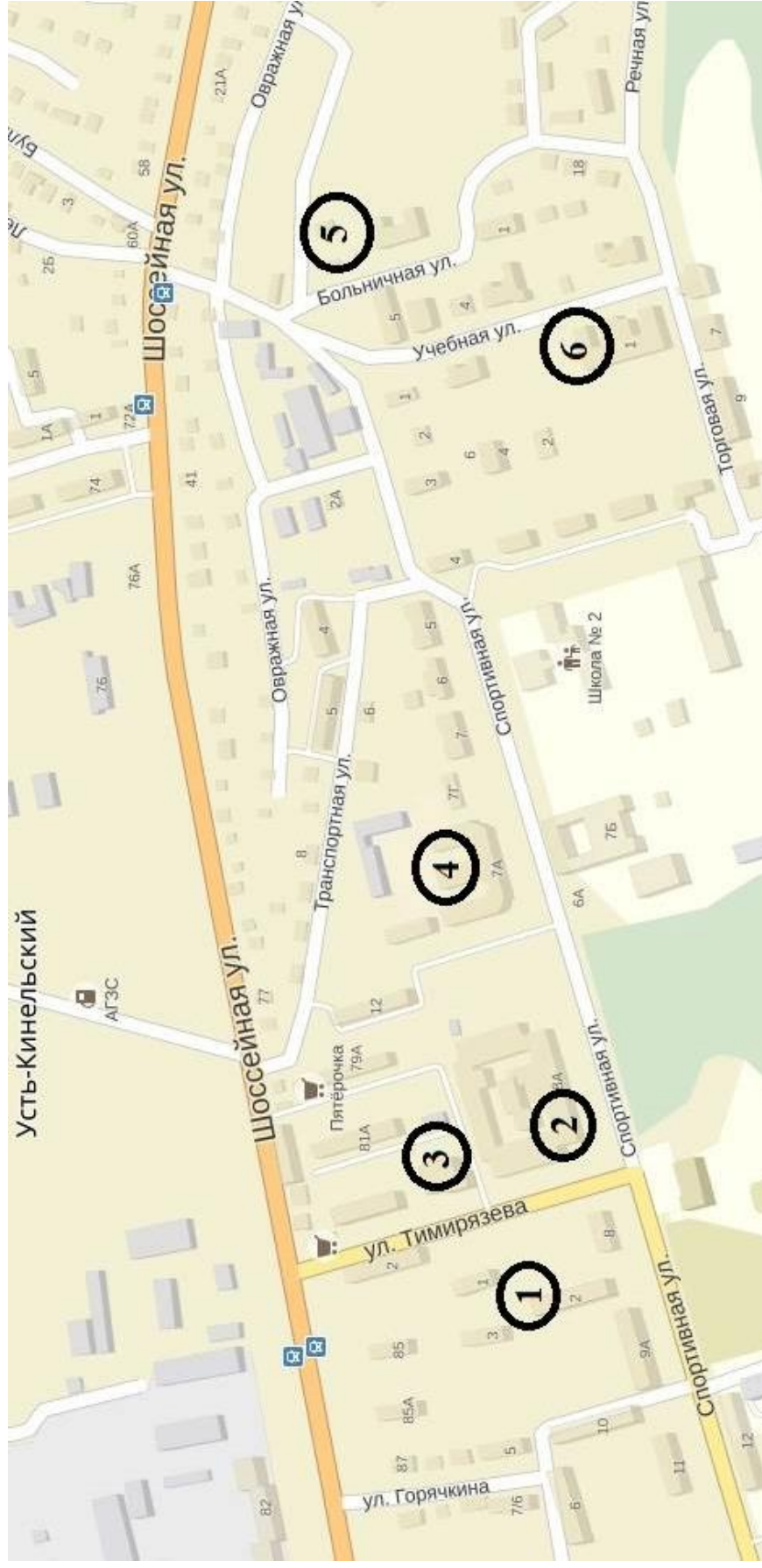
Candidate of Economics, Associate Professor Bakulin Galina Nikolaevna,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
Pikushina M.Yu., Luchkova I.V., Kalinina G.V., Gracheva A.A.

Staffing of agricultural organizations of the Ryazan region in the digital economy

Doctor of Economic Sciences Shashkova Irina Gennadevna,
FSBEI of HE Ryazan State Agrotechnological University named after P.A. Kostycheva
Romanova L.V., Kornilov V.S., Vershnev P.S., Mashkova E.I.

Investigation of the economic efficiency of investments in the production of a mixture of brewing waste for the restoration of soils contaminated with oil and oil products

Doctor of Biological Sciences, Associate Professor Rudenko Elena Yuryevna,
FSBEI of HE "Samara State Technical University"
Mukovnina G.S., Kashaev A.G., Temnikova O.E., Mukovnin R.S.



1 – Hostel №2

2 – Faculty of Engineering

3 – Academy Canteen

4 – Faculty of Biotechnology and Veterinary Medicine

5 – Hostel №6

6 – Faculty of Agronomy