

PLENARY SESSION

27th of June 2018 Central building of ASU

- 10:00 – 12:00** **Ceremony hall of ASU**
Chair **Linus STABINGIS**
- 10:00 – 10:20** *Opening ceremony and welcome words*
prof.dr. Antanas Maziliauskas, Rector of ASU; Viktoras Pranckietis, Speaker of Parliament of the Republic of Lithuania; Fredrik Fogelberg, President of NJF; Giedrius Surplys, Minister of Agriculture and other invited guests
- 10:20 – 10:40** *NJF from 2018 until now and in the future*
Dr. Fredrik Fogelberg, President of NJF, Sweden
- 10:40 – 11:00** *Research and innovation in agriculture: from the past to the future*
Prof. dr. Antanas Maziliauskas, Aleksandras Stulginskis University, Lithuania
- 11:00 – 11:30** *The CAP after 2020 – the road ahead*
Prof. Alan Matthews, Trinity College, Ireland
- 11:30 – 12:00** *Nordic-Baltic collaboration to boost plant breeding for the future climate*
Dr. Gintaras Brazauskas, Lithuanian Research Centre for Agriculture and Forestry, Lithuania

LUNCH

- 12:00 – 13:30** **Central building of ASU, 5th floor lobby**

PLENARY SESSION

27th of June 2018 Central building of ASU

- 13:30 – 15:00** **Ceremony hall of ASU**
Chair **Svein SKØIEN**
- 13:30 – 14:00** *Rural Territories as Space for Sustainable and Smart Development*
Prof. Baiba Rivza, Latvia University of Life Sciences and Technologies, Latvia
- 14:00 – 14:30** *Sustainability of Agroecosystem and Carbon Sequestration as Effect of Long-term Measures*
Prof. Vaclovas Bogužas, Aleksandras Stulginskis University, Lithuania
- 14:30 – 15:00** *Food Security in Norway – Legitimacy and Policy Design*
Dr. Sjur Spildo PRESTEGARD, Norwegian Institute of Bioeconomy Research (NIBIO), Norway

SESSIONS OF THE SECTIONS

28th of June, 2018 Central building of ASU

Section A SUSTAINABILITY OF AGROECOSYSTEMS

Length of presentation and discussion – 20 minutes

8:30 – 10:10

505 auditorium

Chair

Fredrik FOGELBERG

- 1 **Iris DAHLIN, Velemir NINKOVIC**
CULTIVAR MIXTURE – A MULTIFUNCTIONAL CROPPING SYSTEM LINKING PLANT-PLANT AND PLANT-INSECT INTERACTIONS
- 2 **Anne Kjersti UHLEN, Shiori KOGA, Katherine Ann Gredvig NIELSEN, Heidi Udnes AAMOT, Ulrike BÖCKER, Eva VEISETH-KENT, Ingerd Skow HOFGAARD**
INVESTIGATING ENVIRONMENTAL FACTORS CAUSING VARIATION IN GLUTEN QUALITY
- 3 **Rita ARMONIENĖ, Gintaras BRAZAUSKAS, Aakash CHAWADE**
BALTICWHEAT NETWORK FOR SUSTAINABLE WHEAT PRODUCTION IN THE BALTIC SEA REGION
- 4 **Biruta BANKINA, Gunita BIMŠTEINE, Ingrīda NEUSA-LUCA, Antons RUŽA**
DEVELOPMENT OF WINTER WHEAT DISEASES DEPENDING ON AGRONOMIC PRACTICE
- 5 **Renaldas ŽYDELIS, Lutz WEIHERMÜLLER, Michael HERBST, Anne KLOSTERHALFEN, Sigitas LAZAUSKAS**
SIMULATION OF GRAIN MAIZE DEVELOPMENT UNDER WATER AND TEMPERATURE STRESS

28th of June, 2018 Central building of ASU

Section A SUSTAINABILITY OF AGROECOSYSTEMS

Length of presentation and discussion – 20 minutes

10:40 – 12:20

505 auditorium

Chair

Virginijus FEIZA

- 1 **Hannele PULKKINEN, Jouni NOUSIAINEN, Sanna HIETALA, Kristiina REGINA, Perttu VIRKAJÄRVI, Juha-Matti KATAJAJUURI**
NEED FOR MORE DETAILED GREENHOUSE GAS EMISSION MODELS TO ESTIMATE CARBON FOOTPRINTS OF AGRICULTURAL PRODUCTS
- 2 **Kaspars NAGLIS-LIEPA, Dina POPLUGA, Arnis LENERTS, Dzidra KREISMANE, Peteris RIVZA**
MARGINAL ABATEMENT COST CURVES IN ANALYSING GHG EMISSIONS FROM AGRICULTURAL HOLDINGS IN LATVIA: THE CLUSTER APPROACH
- 3 **Barbro ULÉN, Elisabet LEWAN, Katarina KYLLMAR, Maria BLOMBERG, Stefan ANDERSSON**
IMPACT OF NORTH ATLANTIC OSCILLATION ON SWEDISH WINTER CLIMATE AND NUTRIENT LEACHING FROM ARABLE LAND
- 4 **Jūratė ALEINIKOVIENĖ, Jakub HOFMAN, Kęstutis ARMOLAITIS, Vaclovas BOGUŽAS**
SOIL BIOLOGICAL PROPERTIES IN FOREST AND AGRICULTURAL ECOSYSTEMS
- 5 **Dagnija LAZDINA, Sarmīte RANCĀNE, Andis BĀRDULIS, Arta BĀRDULE, Kristaps MAKOVSKIS, Mudrīte DAUGAVIETE**
DEMO AGROFORESTRY SYSTEMS OF TREES AND PERENNIAL GRASES

28th of June, 2018 Central building of ASU

Section A
SUSTAINABILITY OF AGROECOSYSTEMS

Length of presentation and discussion – 20 minutes

13:30 – 15:10

505 auditorium

Chair

Oiva NIEMELÄINEN

- 1 **Virginijus FEIZA, Dalia FEIZIENĖ, Aleksandras VELYKIS, Danutė KARČAUSKIENĖ, Jonas VOLUNGEVIČIUS, Antanas SATKUS, Mykola KOCHIIERU**
CAPABILITY OF TILLAGE PRACTICES FOR WATERLOGGING RISK REDUCTION IN TWO SOIL TYPES OF GLACIAL GENESIS
- 2 **Aleksandras VELYKIS, Antanas SATKUS**
LONG –TERM IMPACT OF REDUCED TILLAGE UNDER CLAYEY SOIL CONDITIONS IN NORTHERN LITHUANIA
- 3 **Danutė KARČAUSKIENĖ, Regina REPŠIENĖ, Dalia AMBRAZAITIENĖ, Regina SKUODIENĖ, Ieva JOKUBAUSKAITĖ, Žilvinas KRYŽEVIČIUS**
CHANGES IN THE MAIN HEALTH INDICATORS OF A RETISOL UNDER DIFFERENT MANAGEMENT HISTORY
- 4 **Dalia FEIZIENĖ, Virginijus FEIZA, Agnė VERŠULIENĖ, Daiva JANUŠAUSKAITĖ, Šarūnas ANTANAITIS**
THE INFLUENCE OF LONG-TERM TILLAGE AND RESIDUE MANAGEMENT ON TOPSOIL QUALITY IN SOILS WITH DIFFERENT TEXTURE
- 5 **Aldis KARKLINS**
INTERNATIONALIZATION OF SOIL CLASSIFICATION – OBJECTIVES AND POSSIBILITIES

29th of June, 2018 Central building of ASU

Section A
SUSTAINABILITY OF AGROECOSYSTEMS

Length of presentation and discussion – 20 minutes

9:00 – 11:00

505 auditorium

Chair

Vaclovas BOGUŽAS

- 1 **Till SEEHUSEN, Anne Kjersti UHLEN**
YIELD GAP IN NORWAY - AGRONOMIC KNOWLEDGE FOR INCREASED CEREAL PRODUCTION BASED ON NORWEGIAN RESSOURCES
- 2 **Rimantas VELIČKA, Aušra MARCINKEVIČIENĖ, Rita PUPALIENĖ, Marina KEIDAN, Lina Marija BUTKEVIČIENĖ, Zita KRIAUCIŪNIENĖ, Robertas KOSTECKAS, Sigitas ČEKANAUSKAS**
THE EFFECT OF NON-CHEMICAL WEED CONTROL METHODS ON WINTER OILSEED RAPE CROP WEEDINESS AND PRODUCTIVITY
- 3 **Livija ZARINA, Liga ZARINA, Dace. PILIKSERE, Jevgenija NAČAJEVA**
CONTROL OF PERENNIAL WEEDS IN SPRING CEREALS THROUGH CROPPING SYSTEM
- 4 **Jere KAIVOSOJA, Oiva NIEMELÄINEN, Jussi NIKANDER, Markku KOISTINEN, Mikko LAAJALAHTI, Niko VILJANEN, Eija HONKAVAARA, Roope NÄSI, Teemu HAKALA**
DEVELOPING DRONE IMAGING BASED METHODOLOGIES FOR APPLICATIONS IN GRASS SWARD MANAGEMENT
- 5 **Nijolė MARŠALKIENĖ**
PROTEIN CONTENT VARIATION IN GRASS OF SPONTANEOUS VETCH AND SWEET PEA SPECIES
- 6 **Una ĪLE, Aija ZIEMEĻNIECE**
THE LANDSCAPE SPACE OF THE HISTORIC CENTER OF AIZPUTE

27th of June, 2018 Central building of ASU

Section B
BIOECONOMY AND INNOVATIONS

Length of presentation and discussion – 20 minutes

15:30 – 17:10

Ceremony hall of ASU

Chair

Arvydas POVILAITIS

- 1 **Vilija ALEKNEVIČIENĖ, Vlada VITUNSKIENĖ**
BIOECONOMY DEVELOPMENT IN LITHUANIA: TENDENCIES AND DRIVERS
- 2 **Aldona ZAWOJSKA, Tomasz SIUDEK**
THE PATH TO BALANCED RURAL DEVELOPMENT IN THE VISEGRAD AND NORDIC-BALTIC COUNTRIES OF THE EUROPEAN UNION
- 3 **Vilma ATKOČIŪNIENĖ, Alvydas ALEKSANDRAVIČIUS**
RESILIENT FARMING SYSTEMS AND FARMERS MARKET DIFFERENTIATION
- 4 **Agnar HEGRENES, Leif Jarle ASHEIM**
MODERN LIVESTOCK POLICY IN NORWAY
- 5 **Heldur PETERSON**
THE LIVONIAN PUBLIC WELFARE AND ECONOMIC SOCIETY - ONE OF THE OLDEST OF ITS KIND IN EUROPE

28th of June, 2018 Central building of ASU

Section B
BIOECONOMY AND INNOVATIONS

Length of presentation and discussion – 20 minutes

8:30 – 10:10

503 auditorium

Chair

Kęstutis NAVICKAS

- 1 **Lise GRØVA, Boris FUCHS, Emma BRUNBERG, Unni Støbet LANDE, Kristin SØRHEIM, Svein Olav HVASSHOVD, Solveig Marie STUBSJØEN**
SENSOR TECHNOLOGY TO DETECT TICK-BORNE FEVER IN SHEEP ON RANGE PASTURE?
- 2 **Emma BRUNBERG, Lise GRØVA, Emma EYTHÓRSDÓTTIR, Ólafur R. DÝRMUNDSSON**
CAN THE ALERTNESS OF ICELANDIC LEADERSHEEP HELP TO PROTECT SHEEP FLOCKS AGAINST PREDATORS?
- 3 **Katriina HEINOLA, Maria RÖNNQVIST, Ville VÄLTILÄ, Jukka RANTA, Pirkko TUOMINEN, Jarkko NIEMI**
COSTS AND BENEFITS OF PIG FEED SALMONELLA CONTROL PROGRAMME IN FINLAND
- 4 **Nurettin GÜLŞEN, Muhammad Naeem TAHIR, Huzur Derya ARIK, Mustafa Selcuk ALATAS**
EFFECTS OF MONOCULTURES OF *E. CAUDATUM* AND *M. ELSDENII* INOCULATION ON *IN VITRO* FERMENTATION, METHANE PRODUCTION AND PREVENTION OF SUB-ACUTE RUMINAL ACIDOSIS
- 5 **Timo LÖTJÖNEN, Arto HUUSKONEN**
TRITICALE, BARLEY AND WHEAT AS A RAW MATERIAL OF WHOLE-CROP SILAGE

28th of June, 2018 Central building of ASU

Section B
BIOECONOMY AND INNOVATIONS

Length of presentation and discussion – 20 minutes

10:40 – 12:20

503 auditorium

Chair

Oliver SADA

- 1 **Arvydas POVILAITIS, Jolanta MATIKIENĖ, Rasa VISMONTIENĖ**
DENITRIFICATION BIOREACTORS – A METHOD FOR REDUCING NITRATE FROM TILE DRAINAGE WATER
- 2 **Mart HOVI, Alo ALLIK, Artis TEILĀNS, Külli HOVI, Andres ANNUK**
MATHEMATICAL MODELLING OF THE ENERGY BALANCE FOR THE TREATMENT OF SOLID BIOMASS FUEL BY COMPRESSING
- 3 **Anders LARSOLLE, Daniel NILSSON, Nils-Erik NORDH, Per-Anders HANSSON**
DYNAMIC MODELLING OF YEAR-ROUND BIOENERGY DELIVERY OF SHORT ROTATION COPPICE WILLOW
- 4 **Alastair WARD**
PILOT SCALE CONTINUOUS THERMAL HYDROLYSIS OF ORGANIC WASTES FOR INCREASED BIOGAS PRODUCTION
- 5 **Sven BERNESSON, Serina AHLGREN**
TRANSPORT FUELS VIA BLACK LIQUOR GASIFICATION - AN ANALYSIS OF CLIMATE IMPACT WITH LIFE-CYCLE ASSESSMENT METHODOLOGY
- 6 **Jalal KAFASHAN**
MEHATRONICS APPLICATIONS IN AGRICULTURAL WORLD

28th of June, 2018 Central building of ASU

Section B
BIOECONOMY AND INNOVATIONS

Length of presentation and discussion – 20 minutes

13:30 – 15:10

503 auditorium

Chair

Agnar HEGRENES

- 1 **Aksel MÕTTUS, Einar MIKSON, Oliver SADA**
THE DEVELOPMENT OF ERGONOMIC LIVESTOCK TECHNOLOGY IN OPTIMAL CONDITIONS FOR LIGHT INDUSTRIAL COMPANIES
- 2 **Lasma CIELAVA, Daina JONKUS, Sandija ZĒVERTE-RIVŽA, Baiba RIVŽA**
DAIRY COW LONGEVITY IN VOLUNTARY MILKING SYSTEM
- 3 **Oliver SADA, Arvo LEOLA**
AUTOMATIC TECHNOLOGY TRENDS IN ESTONIA DAIRY FARMS
- 4 **Jalal KAFASHAN**
DEVELOPMENT TREND OF APPLES SORTING MACHINES IN THE WORLD
- 5 **Kirsty MCKINNON, Reidun POMMERESCHE, Kristin SØRHEIM, Sissel HANSEN, Ola SVAN, Erland BJÖRKLUND**
SAFE RECYCLING OF HORSE MANURE FOR AGRICULTURAL PURPOSES

29th of June, 2018 Central building of ASU

**Section B
BIOECONOMY AND INNOVATIONS**

Length of presentation and discussion – 20 minutes

9:00 – 11:00

503 auditorium

Chair

Vilija ALEKNEVIČIENĖ

- 1 **Daniel NILSSON, Håkan ROSENQVIST**
CHARACTERIZATION OF MARGINAL AGRICULTURAL FIELDS IN SWEDEN - AREAS, SHAPES, LOCATIONS, TRANSPORT DISTANCES AND TIME DEMAND FOR MACHINE OPERATIONS
- 2 **Agnė MIKELIONIENĖ, Danutė VAIČIUKYNIENĖ, Algirdas RADZEVIČIUS, Aras KANTAUTAS**
REMOVAL OF AMMONIUM IONS BY USING ZEOLITIC WASTES
- 3 **Jarkko NIEMI, Gun WIRTANEN, Ilkka LATOMÄKI, Maija KARHAPÄÄ, Antti PASILA, Risto LAUHANEN, Seliina PÄÄLLYSAHO**
INSECTS – A POTENTIAL PROTEIN SOURCE FOR FEED OR FOOD
- 4 **Fredrik FOGELBERG**
THE HORTICULTURE HERITAGE OF THE SWEDISH STATE RAILWAY - A BASIS FOR A GREENER ENVIRONMENT IN PUBLIC TRANSPORTATION
- 5 **Alina DANILOWSKA**
CREDIT SUPPORT FOR AGRICULTURAL LAND PURCHASE IN POLAND - EVOLUTION AND PERFORMANCE
- 6 **Linas STABINGIS, Daiva RIMKUVIENĖ**
ENTREPRENEURIAL INTENTION AMONG STUDENTS OF BALTIC REGION

POSTER SESSION

28th of June, 2018 Central building of ASU

**Section A
SUSTAINABILITY OF AGROECOSYSTEMS**

15:10 – 16:30

5th floor lobby

- A01 Aida ADAMAVIČIENĖ, Sidona BURAGIENĖ, Kęstutis ROMANECKAS, Egidijus ŠARAUSKIS, Vita SMALSTIENĖ, Rita ČEPULIENĖ**
RELATIONS BETWEEN SOIL PROPERTIES AND CO₂ GAS EMISSIONS FROM DIFFERENTLY TILLED MAIZE CULTIVATION
- A02 Aleksandrs ADAMOVICS, Irina SIVICKA**
AGROECONOMIC EVALUATION OF AROMATIC AND MEDICINAL PLANTS USED FOR THE ENRICHMENT OF GRASSLANDS
- A03 Aleksandrs ADAMOVICS, Rasma PLATACE, Skaidrite BUMANE**
ANALYSIS OF MOISTURE CONTENT AND GROSS CALORIFIC VALUE IN THE MIXTURES OF GRASS AND TIMBER BIOMASS FOR PRODUCTION OF SOLID FUEL
- A04 Vita ALLE, Anita OSVALDE, Uldis KONDRATOVICS, Mara VIKMANE**
INFLUENCE OF LEAD ACCUMULATION ON PHYSIOLOGICAL PARAMETERS AND MINERAL ELEMENT (Mg, Fe, Mn) UPTAKE IN CROP PLANTS
- A05 Rita ČEPULIENĖ, Zita KRIAUCIŪNIENĖ, Simonas MEŠKAUSKAS, Sandra JUCEVIČIŪTĖ**
ALLELOPATHIC INFLUENCE OF WINTER OILSEED RAPE RESIDUES WITH BIO- PREPARATIONS ON GERMINATION OF *SINAPIS ARVENSIS* L.

- A06 **Ólafur R. DÝRMUNDSSON**
CHALLENGES AND PROSPECTS OF ORGANIC AGRICULTURE IN ICELAND
- A07 **Viktorija GEČAITĖ, Aušra ARLAUSKIENĖ**
PERENNIAL LEGUMES FOR PLANT NUTRITION IN ORGANIC AGRICULTURE
- A08 **Oleg GORYANIN, Alexey VASIN, Sergey SHEVCHENKO, Elena SHCHERBININA, Baurzhan DZHANGABAYEV**
PRODUCTIVE SOIL FERTILITY UNDER SPRING WHEAT DIRECT SEEDING IN THE ENVIRONMENT OF EUROPEAN PART OF RUSSIA
- A09 **Birger HJELM, Tord JOHANSSON, Per-Ove PERSSON**
EVALUATION OF FERTILIZATION EFFECT AT PRODUCTION OF STUMP SHOOTS IN POPLAR STANDS
- A10 **Hannes KECK, Achim GRELLE, Katharina MEURER**
A RELAXED EDDY ACCUMULATION SYSTEM TO MEASURE GREENHOUSE GAS FLUXES FROM AGRICULTURAL ECOSYSTEMS
- A11 **Mykola KOCHIIERU, Virginijus FEIZA, Dalia FEIZIENĖ, Alvyra ŠLEPETIENĖ, Jonas VOLUNGEVIČIUS**
CO₂ EFFLUX FROM THE SOIL AS INFLUENCED BY THE CONTRASTING VEGETATION COVER AND MANAGEMENT CONDITIONS IN *RETISOL*
- A12 **Nijolė MARŠALKIENĖ, Liuda ŽILĖNAITĖ, Birutė KARPAVIČIENĖ**
SEED COMPOSITION OF DIFFERENT *CAMELINA SATIVA* AND *CRAMBE ABYSSINICA* CULTIVARS
- A13 **Anna MÅRTENSSON**
NUTRIENT BALANCES AND FERTILIZER USE EFFICIENCY BY SWEDISH VINEYARDS
- A14 **Lina SKINULIENĖ, Vaclovas BOGUŽAS, Jūratė ALEINIKOVIENĖ, Vaida STEPONAVIČIENĖ, Aušra SINKEVIČIENĖ**
EFFECT OF 50-YEAR CROP ROTATIONS ON SOIL ORGANIC CARBON CONTENT
- A15 **Lina SKINULIENĖ, Vaclovas BOGUŽAS, Marija BUTKEVIČIENĖ, Ingė AUŽELIENĖ**
INFLUENCE OF LONG-TERM CROP ROTATION ON WINTER AND SPRING CEREAL PRODUCTIVITY
- A16 **Merili TOOM, Enn LAURINGSON, Liina TALGRE, Sirje TAMM, Lea NARITS**
THE EFFECT OF SOWING DATE ON COVER CROP BIOMASS PRODUCTION
- A17 **Vasily VASIN, Alexey VASIN, Irina KOSHELEVA**
PHOTOSYNTHETIC ACTIVITY INDICATORS AND YIELD POTENTIAL OF CORN HYBRIDS WITH MINERAL NUTRITION AND GROWTH STIMULATORS TREATMENT
- A18 **Ivo VOOR, Viacheslav EREMEEV, Maarika ALARU, Evelin LOIT**
THE FIELD PEA YIELD AND NITROGEN BALANCE DEPENDING DIFFERENT FERTILIZER RATES
- A19 **Vasily VASIN, Alexey VASIN, Arina KOZHAEVA, Irina KARLOVA**
PRODUCTIVITY OF GRASS AND LEGUMES MIXTURES WITH *POTERIUM POLYGAMUM* TREATED WITH GROWTH STIMULATORS

POSTER SESSION

28th of June, 2018 Central building of ASU

Section B BIOECONOMY AND INNOVATIONS

15:10 – 16:30

5th floor lobby

- B01 **Anna ANDERSONE, Alexander ARSHANITSA, Sarmite JANCEVA, student Kristaps MAKOVSKIS, Dagnija LAZDINA**
BIOMASS OF SOFTWOOD AND HARDWOOD TREES GROWING ON AFORESTATED FARM OR DEGRADED LANDS FOR BLENDED FUEL PELLETS PRODUCTION

- B02 Katarina ARVIDSSON SEGERKVIST, Anders KARLSSON, Jan HULTGREN**
IS SLAUGHTER AT A MOBILE ABATTOIR BENEFICIAL FOR MEAT QUALITY
- B03 Örjan BERGLUND, Kerstin BERGLUND**
EFFECTS OF FOUNDRY SAND ADDITION ON TRAFFICABILITY, YIELD AND CO₂ EMISSION FROM A CULTIVATED PEAT SOIL
- B04 Alexey BOBRY SHEV**
ESSENCE AND PECULIARITIES OF MONITORING OF SOCIO-ECONOMIC AND SPATIAL DEVELOPMENT OF THE REGION
- B05 Madara DARGUŽA, Zinta GAILĒ**
WHEAT YIELD AND ENERGY PRODUCED BY IT
- B06 Tlektēs ESPOLOV, Asan BAIBOLOV, Yerbol SARKYNOV, Algirdas RADZEVICIUS, Dana TUNGATAR**
RESULTS OF TESTS OF LABORATORY INSTALLATION OF MICROHPP
- B07 Daiga GĀLIŅA, Anda VALDOVSKA**
CHALLENGE OF THE PROBIOTICS ON GROWTH PERFORMANCE AND INTESTINAL HEALTH IN PIGLETS
- B08 Vitaly GRINCHENKO, Maxim MASTEPANENKO, Sergei PIVOVAROV, Zalim GUKEPSHEV**
CONTROL OF TRANSIENT PROCESSES IN MILKING MACHINES
- B09 Lise GRØVA, Inger Anne BOMAN**
WOOL QUALITY OF NORWEGIAN WHITE SPÆL SHEEP BREED
- B10 Aija ILGAZA, Dace KEIDANE, Gita OZOLA**
IVERMECTIN RESISTANCE OF HORSE DIGESTIVE STRONGYLES
- B11 Ismail ISMAILOV, Anna MORGUNOVA, Nina TREGUBOVA, Elena GRUDEVA**
TECHNOLOGY DEVELOPMENT OF PROTEIN-FAT EMULSION AND ITS USE IN FOOD PRODUCTION
- B12 Daina JONKUS, Lāsma CIELAVA, Solvita PETROVSKA**
THE CHANGES OF MILK PRODUCTIVITY AND QUALITY OF LATVIAN LOCAL BREED DAIRY COWS
- B13 Sintija JONOVA, Aija ILGAŽA, Inga GRĪNFELDE, Maksims ZOLOVS**
IMPACT OF THE FLOUR OF JERUSALEM ARTICHOKE ON PRODUCTION OF METHANE AND CARBON DIOXIDE AND WEIGHT GAIN IN CALVES'
- B14 Laima LIEPA, Jurijs BRENTĒ**
CORRELATION BETWEEN DAIRY COWS' RUMINATION ACTIVITY, PRODUCTIVITY INDICES AND HEALTH
- B15 Alexander LYSAKOV, Gennady NIKITENKO, Evgeny KONOPLEV, Vitaly GRINCHENKO, Anastasia CHAPLITSKAYA, Yaroslav TARASOV, Igor DEVEDERKIN**
THE RESULTS OF STUDIES OF THE CLEANING DEGREE OF AN ELECTROSTATIC AIR CLEANER
- B16 Alexander LYSAKOV, Gennady NIKITENKO, Evgeny KONOPLEV, Vitaly GRINCHENKO, Larisa KIRINA, Yaroslav TARASOV, Igor DEVEDERKIN**
ELECTROPHYSICAL WAYS TO REDUCE POTATO LOSSES
- B17 Maarit MĀKI, Elina HIRVISALO, Heikki ROININEN, Jaana SORJONEN, Pertti MARNILA, Nora PAP, Bengt LINDQVIST, Maija KARHAPĀĀ, Maria TUISKULA-HAAVISTO, Hilka SILJANDER-RASI**
CHEMICAL AND MICROBIOLOGICAL QUALITY OF *TENEbrio MOLITOR* AND THEIR POTENTIAL FEED
- B18 Bartosz MICKIEWICZ, Wojciech BROCKI**
CONFLICTS IN BALTIC FISHERIES
- B19 Elin STENBERG, Viktoria OLSSON, Karin WENDIN, Anders KARLSSON, Katarina ARVIDSSON SEGERKVIST**
HOW FOUR TYPICAL SWEDISH PRODUCTION SYSTEMS FOR LAMBS AFFECT SENSORY ATTRIBUTES OF THE MEAT

- B20** Vladimir TRUKHACHEV, Sergey OLEYNIK, Eugeny CHERNOBAY, Tatyana ANTONENKO, Viktor KONOPLEV
SELECTED METHODS OF FORMATION DESIRABLE PHENOTYPE OF DIFFERENT SHEEP BREEDS
- B21** Vladimir TRUKHACHEV, Sergey OLEYNIK, Nikolay ZLYDNEV, Vitaly MOROZOV, Nikolai BELUGIN, Tatiana ALEKSANDROVA, Elena ZORINA
GENETIC CAUSES OF BIRTH OF IMPAIRED CALVES AND REPRODUCTION DYSFUNCTION OF A DAIRY HERD
- B22** Vladimir TRUKHACHEV, Sergey OLEYNIK, Nikolay ZLYDNEV, Vitaly MOROZOV, Vladislav ZAKOTIN
MAINTAINING THE STABILITY OF MILK-YIELD PARAMETERS AND MILK QUALITY IN HIGH PRODUCTION MILK CATTLE
- B23** Vladimir TRUKHACHEV, Sergey OLEYNIK, Evgeny CHERNOBAY, Alexander MARYNICH, Sergey SKLYAROV
MEAT AND INTERIOR FEATURES OF EWES OBTAINED FROM PARENTS OF DIFFERENT AGE
- B24** Vladimir TRUKHACHEV, Sergey OLEYNIK, Vitaly MOROZOV, Alexander LOSHAKOV, Alexander ESAULKO
THE USE OF UNMANNED AERIAL VEHICLES IN THE MONITORING OF AGRICULTURAL LAND IN THE STAVROPOL TERRITORY
- B25** Vladimir TRUKHACHEV, Sergey OLEYNIK, Vitaly MOROZOV, Tatiana ALEKSANDROVA, Sergey SKLYAROV, Pavlov ANDREY
INCREASE OF PASTORALISM EFFICIENCY WITH APPLICATION OF AEROSPACE MONITORING
- B26** Karol TUCKI, Anna BĄCZYK
THE ASSESSMENT OF THE FUNCTIONING OF PHOTOVOLTAIC INSTALLATION UNDER SMALL HOUSEHOLD CONDITIONS
- B27** Karol TUCKI, Remigiusz MRUK, Katarzyna BOTWIŃSKA, Anna BĄCZYK
THE DEVELOPMENT OF THE INTERFACE SOLUTION FOR THE ACQUISITION OF INFORMATION FROM THE OBD SYSTEM OF THE VEHICLE
- B28** Yermekkul ZHAPARKULOVA, Madina NABIOLLINA, Balzhan AMANBAEVA, Karlygash KALIYEVA
THE METHODOLOGY OF PREDICTIVE CALCULATIONS OF BREAKTHROUGH WAVE IN HYDRODYNAMIC ACCIDENTS OF STORAGE DAMS