

SUMMARY

GENETICS AND BREEDING

Research on production performance of crossbred ewes produced from the crossing with rams of the breed Turcana German Black Head influence on the economic efficiency of farm – Vasile BĂCILĂ, Ion ROȘU, Cristinel Gigi ȘONEA, Annamaria BĂCILĂ	11
Genotypic assessment of Karakul rams by fur skin qualities of progeny - Ion BUZU	15
Selection of Moldovan Karakul sheep by the body weight - Ion BUZU	25
Study on the heritability of some morpho-productive characters of <i>Apis mellifera carpatica</i> bee families populated in the zone of center of the Republic of Moldova - Valentina CEBOTARI, Ion BUZU	35
Analysis concerning the influence of colour genes in Karakul sheep on milk production - Mihail GROZA, Gheorghe HRINCĂ, Gheorghe BRĂDĂȚAN, Ionică NECHIFOR, Marian FLOREA	43
Moldovan type of black-motley cattle - Alexandra KONSTANDOGLO, Valentin FOCSHA, Ernst SMIRNOV, Vasilij KURULUK	49
Effect of selection pressure on fixing the qualitative features of lamb pelts of Karakul type - Ionică NECHIFOR, Gheorghe HRINCĂ, Claudia Ionela NECHIFOR, Alexandru Marian FLOREA, Mihail GROZA	54

NUTRITION

Use of potassium sorbate and sodium ascorbate for extending the shilflife of refrigerated ground buffalo meat - H. A. ABD EL-AAL	61
Decreasing cholesterol and triglyceride level on blood by adding orange (<i>Citrus sinensis</i>) waste on padjajaran i sheep - Lovita ADRIANI, Elvia HERNAWAN, Ujang HIDAYAT	70
Effect of different levels of flaxseed powder as a source of omega-3 on the weight muscle and fat distribution for carcasses of Karadi lambs - Amera Mohammad Saleh Al-Rubeii, Hemn Ghazi Zahir	74
Research concerning the influence of using different doses of non-protein nitrogen in cows feedover the milk quantity and quality - Roxana Gabriela ARGHIRIADE, Dumitru DRĂGOTOIU, Ioana NICOLAE, Monica MARIN, Tomița DRĂGOTOIU	82
Dry matter production and nutritive value of cereal species harvested at boot or dough stage of maturity - Behic COSKUN, Gurhan KELES, Fatma INAL, M. Selcuk ALATAS, Serkan ATES	85

Usage of continuous pressure reader in <i>in vitro</i> gas production technique for evaluation of feedstuffs for ruminants - Nurettin GULSEN, Huzur Derya UMUCALILAR, Mustafa Selcuk ALATAS, Armagan HAYIRLI, Ozcan Baris CITIL	90
The effect of supplemental different level of roselle flower in diet on Japanese quail performance – Sunbul Jassim Hamodi, Firas Mozahim Al-Khilani	94
Effect of lactic acid on <i>Entodinium caudatum</i> monoculture - Armagan HAYIRLI, Nurettin GULSEN, Huzur Derya UMUCALILAR, Mustafa Selcuk ALATAS	98
Effect of banana peel application in ration on hematological level, nitrogen retention and body weight gain of heat exposed broiler chicken - Elvia HERNAWAN	101
The effect of fermented feed supplement on meat pH and tenderness of broiler - Hendronoto A.W. LENGKEY, Fenny R. WOLAYAN, Obin RACHMAWAN, Lilis SURYANINGSIH, Eka WULANDARI	108
Researches concerning the effects of supplementary feeding of bees families during autumn, winter, spring - Ionuț Cristian TĂNĂSOIU, Dumitru DRĂGOTOIU, Tomița DRĂGOTOIU, Monica MARIN	112
Alteration in ruminal fermentation: the effect of <i>Megasphaera elsdenii</i> inoculation on subacute ruminal acidosis (sara) <i>in vitro</i> - Huzur Derya UMUCALILAR, Nurettin GULSEN, Ahmet GUNER, Armagan HAYIRLI, Ozcan Baris CITIL	115
Effect of the dietary dry grape pomace on the performance and health state of fattening steers - Dorica VOICU, Mihaela HĂBEANU, R. A. UȚĂ, I. VOICU, M. A. GRAS	118
The effect of substitution of fish meal by Black Soldier Fly (<i>Hermetia illucens</i>) maggot meal in the diet on production performance of quail (<i>Coturnix coturnix japonica</i>) - T. WIDJASTUTI, R. WIRADIMADJA, D. RUSMANA	125

REPRODUCTION, PHYSIOLOGY, ANATOMY

Specificity of membrane-bound enzymes activity over the cryopreservation of farm animals sperm - Vladimir BUZAN, Gheorghe BORONCIUC, Ion BALAN, Nicolae ROȘCA, Ion MEREUȚA, Melania BUCARCIUC	133
Cryogenic changes of lipid during preservation of sperm animal farm - Vladimir BUZAN, Gheorghe BORONCIUC, Ion BALAN, Ion MEREUȚA, Nicolae ROȘCA	137
Comparative physicochemical and biochemical characterization of bull and boar semen - Cristiana DIACONESCU, Mirela MATEI, Georgeta TĂLPUȘ, Paul TĂPĂLOAGĂ	141
The impact of treatment with insulin on the composition of pancreatic juice enzymes in chicken organism - Florentina Claudia DUMITRACHE, Monica MARIN, Cristina PANDELE	146
The effects of helium-neon laser with different energy doses on cryopreserved ram semen quality <i>in vitro</i> examination - Mostafa A.R. IBRAHIM, Stela ZAMFIRESCU, Andreea ANGHEL, Nicu DOBRIN, Ibrahim ABDELRAZEK, Mohamed E. EL-SHARAWY, El-Shenawy El-sefiy, Dorina MOCUTA	149

Effect of Pb-acetate in drinking water and phytate in diet on calcium, zinc and iron in blood of growing duck- Kurnia A. KAMIL, Ruhyat KARTASUDJANA, Sofjan ISKANDAR	153
Research on feeding dairy cows in puerperal period - Georgiana LIȚOI	157
The influence of iron and copper over the intestinal enzymathical activity - Monica MARIN, D. DRĂGOTOIU, Carmen NICOLAE, Georgeta DINIȚĂ, Laura URDEȘ	161
Physiological and molecular aspects of heart of rat fed with cholesterol reach diet - the impact of procaine treatment - Cristian Romeo REVNIC, Catalina PENA, Alexandru SONEA, Cosmin SONEA, Gabriel Ovidiu DINU, Flory REVNIC, Bogdan PALTINEANU ..	165
The impact of ischemia reperfusion upon the physiological parameters of rabbit heart with experimental hyperthyroidism - Cristian Romeo REVNIC, Catalina PENA, Gabriel Ovidiu DINU, Alexandru SONEA, Cosmin SONEA, Flory REVNIC, Bogdan PALTINEANU	170
The equine colostrums of milk treatment against pathogenic agent - Laurentius J.M. RUMOKOY, Wisje L. TOAR	174

TECHNOLOGIES OF ANIMAL HUSBANDRY

Bee colonies exploitation at apple blossom pollination in the orchards - Valentina CEBOTARI, Ion BUZU	181
Use of additive in bee feeding at queens' growing - Nicolae EREMIĂ, Andrei ZAGAREANU, Susana MODVALA	189
Morbidity incidence in a cattle farm exploited in stabulation conditions - Alexandru Marian FLOREA, Gheorghe HRINCĂ, Ionică Nechifor, Mihail Groza, Claudia Ionela NECHIFOR	192
Study regarding evolution, current state and perspectives in sheep breeding in Romania - Emilia ION (RĂDUCUȚĂ), Ion CĂLIN, Ion RĂDUCUȚĂ	196
Study on evolution of production parameters to the quail youth of Balotești population between 0-6 weeks of growth by daily light duration - Lucian IONITA, Elena POPESCU - MICLOSANU, Ioan CUSTURĂ, Consuela ROIBU, Minodora TUDORACHE	200
Animal science lexicon structure - Izabela OPREA	204
The effect of ascorbic acid on body weight loss of Bali cattle during transportation - Undang SANTOSA, Ghoffar KHUSNU, Kurnia A. KAMIL	208
Influence of applying broiler welfare laws on unit cost - Minodora TUDORACHE, Ioan CUSTURĂ, Ilie VAN, Elena POPESCU MICLOȘANU, Livia VIDU	212
Study regarding the production performance of Montbeliarde dairy cows in the southern area of Romania - Livia VIDU, Vasile BĂCILĂ, Alina UDROIU, Razvan POPA, Dana POPA, Mirela STANCIU, Minodora TUDORACHE, Ioan CUSTURĂ	216

TECHNOLOGIES OF THE AGRO FOOD PRODUCTS PROCESSING

Cold supply chain management in processing of food and agricultural products - Gholamhassan ASADI, Ebrahim HOSSEINI	223
Effects of vegetal oils on the quality characteristics of beef meat products with low animal fat - Felicia DIMA, Camelia VIZIREANU, Daniela ISTRATI	228
Effect of use of date processing by-product on some physico-chemical and sensory properties of sausage – Seyed Ebrahim HOSSEINI, Nasrin HASHEMIAN, Masoud MASHADI AKBARBOUJAR, Gholamhassan ASADI	237
Influence of enzymatic treatment and mixing on hardness and cooking losses for pork muscle - Daniela IANIȚCHI, Lucica NISTOR, Laura URDEȘ, Iulian VLAD, Gabriel Iuliu MALOȘ, Carmen NICOLAE	241
Efficiency of different type of tenderization for improving technological properties of bovine <i>Biceps femoris</i> muscle - Daniela ISTRATI, Camelia VIZIREANU, Felicia DIMA	245
Milk-commodity or necessity - Iuliu Gabriel MALOS, Gabriela MALOS, Daniela IANIȚCHI	251
Effect of rice starch and waste product of tomato processing on some physico-chemical and sensory properties of sausage - Mitra PARSI, S. Ebrahim HOSSEINI, S. Mahdi SEYEDEIN, H. BEHMADI	255

WILD LIFE MANAGEMENT, FISHERY AND AQUACULTURE

Startup stages of a low-tech aquaponic system - Ehud ELIA, Dana Catalina POPA, Carmen Georgeta NICOLAE	263
Quantitative and qualitative evaluation of phytoplankton in the site ROSCI0066 Danube Delta - the marin area - a case study in september 2012 - Carmen Georgeta NICOLAE, Laura BOICENCO, Tania ZAHARIA, Monica MARIN, Gabriela MALOȘ, Daniela IANIȚCHI, Nicoleta IȘFAN, Victor NIȚĂ	270
Dynamics of the primary production in accumulation “Strezevo” in the Republic of Macedonia - Rodne NASTOVA, Vasil KOSTOV, Natasha GJORGOVSKA	274
Helminth communities and ecological appraisal for the condition of the Veleka river, Black Sea region, Bulgaria - Diana KIRIN	278
Helminth communities and heavy metal contamination in Macedonian vimba and fish parasites of the Maritsa river, Bulgaria - Diana KIRIN	284
Accumulation of lead (Pb) in <i>Scardinius erythrophthalmus</i> and <i>Ceratophyllum demersum</i> from freshwater ecosystem biosphere reserve Srebarna, Bulgaria – Stefan HRISTOV, Diana KIRIN	290