

CONTENTS

Effect of harvesting stage and altitude on agronomic and qualities of six <i>Brachiaria</i> grass in Northwestern Ethiopia - Wubetie ADNEW, Berhanu A. TSEGAY, Asaminew TASSEW, Bimrew ASMARE	9
An overview of the implications of wine on human health, with special consideration of the wine-derived phenolic compounds - Arina Oana ANTOCE, Creina STOCKLEY	21
Challenges of small-scale farming in Ukraine - Roman BEZUS, Olena SAMOFAL	35
Isolation procedures for endophytes harvesting - Oana-Alina BOIU-SICUIA, Călina Petruța CORNEA	43
A new imbrication technique for treatment of cranial cruciate ligament disease in 32 dogs - Antonello BUFALARI, Beatrice DEL SAL, Vasilica-Flory PETRESCU, Alexandra PETEOACA, Antonio DI MEO, Giulia MORETTI	53
Evaluation of the novel bred persian walnut genotypes - Géza BUJDOSÓ, Virág VARJAS, KrisztinaSzügyi-BARTHA KRISZTINA, Apollónia TÓTH-NAGY	60
Accuracy of the ultrasound investigation in gastrointestinal linear foreign bodies in cats - Mario CODREANU, Mădălina IACOBESCU, Luigi CÂRSTINOIU, Alexandra Mihaela POPA	66
Ecosystem - reproduction of sustainable structure in agriculture as a factor of soil fertility - Olesea COJOCARU	71
<i>Pichia (Kodamaea) ohmeri</i> CMGB-ST19 - a new strain with complex biotechnological properties - Viorica CORBU, Tatiana VASSU, Ortansa CSUTAK	77
Nitrogen fertilization effects on some gravimetric parameters for wheat - Adina-Daniela DATCU, Nicoleta IANOVICI, Ersilia ALEXA, Florin SALA	87
Structural characteristics from microseismic recordings and numerical analysis - Claudiu Sorin DRAGOMIR, Daniela DOBRE	93
Effects of dietary pea seeds (<i>Pisum sativum</i> L. cv. Tudor) on performance, carcass traits, plasma biochemistry and intestinal microflora in broiler chicks - Anca GHEORGHE, Mihaela HĂBEANU, Cristina TABUC, Monica MARIN.....	99
Cadmium, lead and zinc levels in organic and conventional eggs - Gheorghe Valentin GORAN, Emanuela BADEA, Maria Lavinia BUGA, Victor CRIVINEANU	107
On problem of establishing the intensity level of crop variety and its yield value subject to the environmental conditions and constraints - Oleh KHARCHENKO, Elina ZAKHARCHENKO, Ihor KOVALENKO, Volodymyr PRASOL, Olena PSHYCHENKO, Yurii MISHCHENKO	113
The effect of pre-sowing seed treatment with biopreparations on productivity of cultivars of <i>Triticum spelta</i> L. - Margaryta KORKHOVA, Antonina PANFILOVA, Anastasia CHERNOVA, Olga ROZHOK	120
DNA-type results swine for MS4R-gene and its association with productivity - Volodymyr KOZYR, Viktor KHALAK, Mykhola POVOD	128
Utilizing corn oil in processing of culled layer hens sausages - Hendronoto Arnoldus Walewangko LENGKEY, Primiani EDIANINGSIH, Eka WULANDARI, Andry PRATAMA, Jajang GUMILAR, Wendy P. SETYADI, Lilies SURYANINGSIH, Roostita Lobo BALIA, Violeta Caro PETROVIC ...	134
Comparative study between flocculation-coagulation processes in raw/wastewater treatment - Loredana LITU, Gabriela CIOBANU, Sorin Mihai CÎMPEANU, Olga KOTOVA, Ramona CIOCINTA, Daniel BUCUR, Maria HARJA	139

The biological characteristics and utilization of <i>Urechis unicinctus</i> - Feng LIU, Xuening LI, Yuan JI, Chune LIU, Tao SUN, Yancui ZHAO, Carmen Georgeta NICOLAE, Lorena DEDIU	146
The impact of potential prebiotics inulin, oligofructose and potato starch on the growth of <i>Lactobacillus casei</i> - Liliana LUCA, Mircea OROIAN	153
The seasonal dynamics of the cultivable microbial communities in Letea saline lake - Anca Ioana LUCACI, Mirela MOLDOVEANU, Larisa FLORESCU, Roxana COJOC, Simona NEAGU, Robert RUGINESCU, Mădălin ENACHE	160
Productivity and quality of high-oleic sunflower seeds as influenced by foliar fertilizers and plant growth regulators in the Left-Bank Forest-Steppe of Ukraine - Andrii MELNYK, Jones AKUAKU, Vladimir TROTSENKO, Tetiana MELNYK, Anton MAKARCHUK	167
Population dynamics of <i>Longidorus attenuatus</i> (Nematoda: Longidoridae) and <i>Tylenchorhynchus claytoni</i> (Nematoda: Dolichodoridae) on red raspberry and black chokeberry - Melika MOHAMEDOVA, Atanaska STOEVA	175
The decline in viability and vigour of the hybrid maize (<i>Zea mays</i> L.) seed under the influence of genotype, duration and the factors of the storage ecosystem - Grigore MOLDOVAN, Adrian BĂRBOS	181
3D cadastre: a smart approach for road infrastructure - Anca-Maria MOSCOVICI, Vlad PĂUNESCU, Tudor SĂLĂGEAN, Mariana CĂLIN, Alexandru ILIESCU, Emanuel SUBA, Carmen GRECEA, Raluca MANEA	192
Fruit weight prediction models in <i>Quercus</i> based on some biometric parameters - Alma L. NICOLIN, Mihai PASCU, Alina NEACȘU, Ciprian RUJESCU, Florin SALA	198
Volcanic tuff, potential source of minerals in dairy cows feeding - Margareta OLTEANU, Mihaela SĂRĂCILĂ, Mariana ROPOTĂ, Raluca Paula TURCU, Dumitru DRĂGOTOIU, Monica Paula MARIN, Elena Narcisa POGURSCHI	206
<i>Candida</i> infection in humans and animals - Ilaria PETTINARI, Leonardo LEONARDI, Camelia DIGUȚA, Florentina MATEI	214
Impact of environmental factors on the quality of spring water from Abrud-Câmpeni area, Alba County, Romania - Maria POPA, Ioana GLEVITZKY, Gabriela-Alina DUMITREL, Mirela GLEVITZKY, Dorin POPA	220
The effect of an antimicrobial mixture on <i>Cryptosporidium</i> - Filip SIMA, Alexandros STRATAKOS, Patrick WARD, Lavinia STEF, Ioan PET, Elena PET, Nicolae PĂCALĂ, Veronica LAZĂR, Nicolae CORCIONIVOSCHI	227
Vitality structure and its dynamics in the process of natural reforestation of <i>Quercus robur</i> L. - Viktoriia SKLIAR, Igor KOVALENKO, Iurii SKLIAR, Maryna SHERSTIUK	233
Peptides produced by native <i>Lactococcus lactis</i> Ella8 impairs membrane integrity of food pathogens - Gabriela Nicoleta TENEA, Tatiana DELGADO POZO	242
The emergence of β lactamase producing <i>Escherichia coli</i> and the problems in assessing their potential contribution to foodborne illness: a review - Vlad UNGUREANU, Nicolae CORCIONIVOSCHI, Lavinia STEF, Ioan PET, Nicolae PĂCALĂ, Robert H. MADDEN	248
The influence of by-products on the production parameters and nutrient digestibility in fattening pigs diet (60-100 kg) - Petru Alexandru VLAICU, Tatiana Dumitra PANAITE, Maria Gabriela CORNESCU, Mariana ROPOTA, Margareta OLTEANU, Dumitru DRĂGOTOIU	261