

CONTENTS

The planting period and the size of cloves influences on garlic production - Elena Maria DRAGHICI, Viorica LAGUNOVSKI-LUCHIAN	9
Comparative research on several wheat (<i>Triticum aestivum</i> L.) varieties grown under the conditions of Dâlga, Călărași - Bogdan-Alexandru GUȚĂ, Doru Ioan MARIN, Pierre-Louis CARRIER	17
An innovative tool for in-row cultivation - Cristian IACOMI, Octavian POPESCU	23
Grain yield and yield components at maize under different preceding crops and soil tillage conditions - Viorel ION, Adrian Gheorghe BĂȘA, Marin DUMBRAVĂ, Lenuța Iuliana EPURE, Nicolae DINCĂ, Maria TOADER	27
Study regarding the vegetables sales in various distribution channels from Bucharest - Alina Maria IONESCU, Gheorghe Valentin ROMAN	33
Influence of crop systems in reducing of drought effect for maize plants - Nicolae IONESCU	37
Influence of soil tillage upon production and energy efficiency in wheat and maize crops - Doru Ioan MARIN, Teodor RUSU, Mircea MIHALACHE, Leonard ILIE, Elena NISTOR, Ciprian BOLOHAN	43
Research on the influence of the oregano oil use over the productive performances and quality of duck meat - Monica MARIN, Dumitru DRĂGOTOIU, Carmen Georgeta NICOLAE, Georgeta DINIȚĂ	48
Sustainable alternative for food packaging: chitosan biopolymer - a review - Amalia Carmen MITELUȚ, Elisabeta Elena TĂNASE, Vlad Ioan POPA, Mona Elena POPA	52
The climatic and the relief characteristics specific to the Maronic soil subtype from Dobrogea - Irina MOISE, Daniela RĂDUCU, Simona-Mariana PRICOP	62
Results of research in noise pollution in urban areas - Anca-Maria MOSCOVICI, Oana GRECEA ...	68
The influence of treatment with growth stimulator (Gobbi Gib 2LG) on the quantity and quality of seedless grape ‘Beauty Seedless’ - Gheorghe NICOLAESCU, Antonina DERENDOVSKAIA, Silvia SECRIERU, Dumitru MIHOV, Valeria PROCOPENCO, Mariana GODOROJA, Cornelia LUNGU	72
Development of a new technology for protective biofortification with selenium of <i>Brassica</i> crops - Anca-Olguta OANCEA, Alexandra GASPARGAR, Ana-Maria SECIU, Laura ȘTEFAN, Oana CRĂCIUNESCU, Florentina GEORGESCU, Radu LACATUȘU	80
Contribution to the foundation of knowledges concerning the biology, ecology and culture technology for chickpea (<i>Cicer arietinum</i>) in classic and ecological system under conditions of Dobrogea Plateau - Liliana PANAITESCU, Simona-Mariana PRICOP, Irina MOISE, Răzvan PANAITESCU, Simona NIȚĂ, Marsida Xenia BEJKO	86

<i>In vitro</i> evaluation of <i>Eupatorium cannabinum</i> antimicrobial activity - Tomina PURCARU, Ana ALECU, Camelia DIGUTA, Florentina MATEI	92
Assessment of biogas production of certain varieties of <i>Pennisetum purpureum</i>, <i>Zea mays</i> and <i>Sorghum saccharatum</i> - Carlos SABORÍO VÍQUEZ	98
Biofortification and shoot: root ratio in wheat seedlings under the influence of certain mineral ELEMENTS - Florin SALA, Hamzeh RAWASHDEH, Marius BOLDEA	106
The influence of water transfer favorability over the soil excess moisture - Tudor SĂLĂGEAN, Andra PORUȚIU, Mariana CĂLIN, Raluca MANEA, Ana VÎRSTA, Paul SESTRĂȘ	114
An exploratory research regarding romanian organic farming sector - Valentin-Cosmin SARACIN, Adrian VASILE	119
Enzymatic and genetic variability in <i>Bacillus</i> spp. strains with plant beneficial qualities - Oana-Alina SICUIA, Iulian GROSU, Florica CONSTANTINESCU, Cătălina VOAIDEȘ, Călina Petruța CORNEA	124
Comparative study of length-weight relationship, size structure and fulton's condition factor for Prussian carp from different romanian aquatic ecosystems - Mala-Maria STAVRESCU-BEDIVAN, Gina VASILE SCĂEȚEANU, Roxana Maria MADJAR, Petre Bogdan MATEI, George Florea TOBĂ	132