

CONTENTS

AGRICULTURE, CROP PRODUCTION, VEGETABLE AND MELON GROWING.....	3
Averchev O.V., Kovshakova T.S. The influence of biostimulants and micronutrients on the phenological characteristics of the southern varieties of peas	3
Averchev O.V., Nikitenko M.P. Analysis of millet growing in the Kherson region	8
Borysenko V.V. The influence of growing technology elements on the productivity of sunflower hybrids with different maturing dates.....	15
Burykina S.I., Kryvenko A.I., Parlikokoshko M.S. Weather conditions as a factor influencing the formation of productivity and quality of chickpea grain	22
Herasko T.V., Pokoptseva L.A., Shypylenko S.A. Effect of root mycorrhization on the biochemical composition of sweet cherry fruits	32
Hliudzyk-Shemota M.Y. Theoretical and methodological aspects of breeding and genetic bases of increasing tobacco productivity: essence and innovation potential	40
Horobets M.V. Peculiarities of bishofite effect on yield and seed quality of spring barley varieties.....	47
Hrokholska T.M., Khomina V.Ya. The influence of sowing time and seeding rate on the yield of clary sage inflorescences in the Western Forest-Steppe	56
Zhuikov O.G., Melnyk M.A. Oilseed flax in Ukraine is a crop of untapped opportunities	62
Zelenianska N.M., Samofalov M.O. Regenerative ability of rootstock and technical varieties of grapes in the culture of tissues and organs in vitro.....	67
Yasinetska I.A., Kushniruk T.M., Dodurych V.V. Institutional support for land use formation in newly established territorial communities	76
Liabakh S.V. The effectiveness of applying Grainactive-C on sunflower plantings under the conditions of Polissia of Ukraine	82
Mostipan M.I., Umrykhin N.L. Yield of mixed-age plantings of winter wheat depending on fertilization dates in the northern steppe of Ukraine	89
Pavlichenko K.V., Hrabovskyi M.B. Formation of biometric indicators and accumulation of raw green mass by maize hybrids under the influence of macro and micro fertilizers.....	98
Pasichnyk I.O., Ilyinsliy U.M., Bezverha L.M. Research on Asiatic ginseng seeds germination in a controlled environment.....	111
Sakhnenko D.V., Dolya M.M., Mamchur D.O. Status and current trends in the development and spread of viral diseases of field crops by carriers of cenoses ...	116
Sevidov V.P., Sevidov I.V. Modern vegetable growing in Ukraine: state and development problems	124
Stoliar S.H., Kliuchevych M.M. Abiotic factors influence on development fungal diseases of sorgo in Polesia, Ukraine	130
Furman V.A., Furman O.V., Hubar M.I., Svystunova I.V. Influence of inoculation and fertilizing on the symbiotic and seed productivity formation of soybean	137

Chukhrai R.V. The influence of abiotic factors on the timing of appearance of the main pests of spring barley in the right-bank forest-steppe of Ukraine	145
Shokalo N.S., Beletskiy V.O. Application of post-emergence herbicides in corn crops for grain.....	153
ANIMAL HUSBANDRY, FEED PRODUCTION, STORAGE AND PROCESSING OF AGRICULTURAL PRODUCTS	159
Bidenko V.M., Mamchenko V.Y., Lavryniuk O.O., Abramova A.K., Hurskyi Y.G. The influence of microelements cobalt, copper, manganese, zinc on the mineral composition of milk of cows in the zone of radioactive contamination.....	159
Kalinka A.K., Tomash L.V., Lesik O.B., Kazmiruk L.V. Optimization of diet recipes to increase the energy of growth of a new population of young meat hornless Simmental cattle in the foothills of the Bukovinian Carpathians.....	167
Kryvyi M.M., Zakharchuk D.V. Feeding management and reproductive capacity of holstein stud bulls in the context of Ukrainian genetic company LLC	179
Prylipko T.M., Koval T.V. Neurohumoral regulation of metabolism in ruminants with digestive disorders	187
Kharlamova T.S., Hilevykh L.O. Analysis of transgressive evaluation of animals of different directions of productivity	192
Kharlamova T.S., Troianova A.R. Evaluation of sire pigs by selection indices.....	197
Khomych Ya. M. Causes and forms of infertility in cows of the private sector	202
MELIORATION AND SOIL FERTILITY	209
Sadyikov S.T. Valuation of lands of different quality groups in Mugan-Salyan massif with a profitable approach.....	209
ECOLOGY, ICHTHYOLOGY AND AQUACULTURE	219
Almashova V.S. Environmental impact assessment of the activities of the farm Kurin.....	219
Braininher O.I. Peculiarity of translocation and accumulation of heavy metals in the system ‘soil – plant – agricultural products’	225
Vasylenko O.V., Hurskyi I.M., Shevchenko N.O., Soroka L.V., Kosenko Yu.Yu. Assessment of life safety of urban residents under the conditions of heavy metal pollution.....	232
Nepran I.V., Potashova L.M., Bondarenko S.V. Ecological problems of ambrosias artemisifolia in Kharkiv region	238
Stadnik V.Y. The prospects of using endemic species of plants for the greening of playgrounds in urbanised areas	244
Stratichuk N.V. Wind energy as a renewable source of energy in the Kherson region.....	249