

CONTENTS

AGRICULTURE, CROP PRODUCTION, VEGETABLE AND MELON GROWING	3
Averchev O.V., Nikitenko M.P., Yosypenko I.V. The biological methods of disease combating and pests on millet crops.....	3
Almashova V.S. Growing of beans and green manure crops in Southern Ukraine in the context of organic agriculture development.....	9
Berdnikova O.G., Kucherak E.M. Research on the productivity of the varietal composition of winter wheat under the conditions of the Southern Steppe of Ukraine.....	15
Bondarenko S.V., Stankevych S.V. Prevalence and harmfulness of the main cucumber diseases and crop immunity.....	21
Burykina S.I., Krivenko A.I., Taranyuk G.B. Influence of liquid organ-mineral and microfertilizers on the structure of the chickpea crop in the conditions of the Black Sea Steppe.....	38
Vinyukov O.O., Vyskub R.S., Chuhrii H.A. Formation of productivity of winter wheat plants depending on the terms of sowing.....	47
Vozhehova R.A., Lykhovyd P.V., Biliaieva I.M. Current state, prospects and directions of the development of medicinal plant growing in Ukraine.....	57
Vozhehova R.A., Maliarchuk A.S., Kotelnykov D.I., Reznichenko N.D. Influence of main tillage and greening on soybean yield in crop rotation under irrigation in the south of Ukraine.....	66
Zymarioieva A.A., Fedonyuk T.P., Pinkina T.V., Pazyh V.M. Regularities of sugar beet yield parameters spatial variation under the environmental factors influence.....	74
Ivaniv M.O., Hanzha V.V. The influence of technology elements on the productivity of soybean varieties under drip irrigation.....	83
Ivaniv M.O., Repilevskyi D.E. Biometric indices of maize hybrids of different FAO groups depending on irrigation methods.....	94
Karpenko V.P., Marchenko K.Yu. The formation of separate physiological and biochemical parameters of naked oats under the action of the microbial preparation Melanoriz and stimulator of plant growth Agrolight.....	105
Kovalov M.M. Biocompost as a substrate for growing button mushrooms.....	113
Kozlova O.P., Domaratskyi Ye.O. The duration of the dogwood growing season depends on the characteristics of the variety and weather conditions in the South of Ukraine.....	120
Kotovska Yu.S., Omelianova V.Yu. Prospects Landscaping in special purpose objects on the example of the territory of the Holy Assumption Cathedral in Kherson.....	126
Nedilska U.I. Growth, development and yield of milk prutopidobnih “Svitchgras”.....	133
Nepran I.V., Romanova T.A., Romanov O.V. The role of chickpeas in creating sustainable agroecosystems.....	138
Panchyshyn V.Z., Stotska S.V., Moisiienko V.V., Fomina O.P. Grain yield of common bean (<i>Phaseolus vulgaris</i>) varieties depending upon the growing technology elements.....	145

Sydiakina O.V., Pavlenko S.H. Efficiency of application of microelements in the nutritional system of sunflower plants (literature review).....	152
Stankevych S.V., Zabrodina I.V., Bondarenko S.V. Efficiency of chemical protection of spring rape and mustard from rape blossom beetle.....	159
Stotska S.V., Moisiienko V.V., Panchyshyn V.Z. Formation of yielding capacity of winter wheat varieties under conditions of LLC “CYGNET-CENTER”.....	177
Stroyanovsky V.S. Influence of sowing period, row spacing, seeding rate on the structure of plants and yield of fennel fruits.....	183
Fokin A.V., Moroz S.Yu. Estimation of pest resistance of the sunflower intrastem pest complex	189
Furman O.V. Symbiotic productivity and yield of seeds of soybean depending on inoculation and fertilizing.....	200
Shakhova N.M., Shapovalov A.I. <i>Margaritja sticticalis</i> under the conditions of the Southern Steppe of Ukraine.....	206
ANIMAL HUSBANDRY, FEED PRODUCTION, STORAGE AND PROCESSING OF AGRICULTURAL PRODUCTS	213
Kalynka A.K., Lesyk O.B. Selection criteria for the main indicators of selection evaluation of meat comolo Simmental ruminants in different areas of the Carpathians	213
Kalynka A.K. Feeding of suckling young of a new generation of meat comolo Simmental ruminants in the stall period with the use of new recipes for rations in the Carpathian region of Bukovina.....	222
Karpenko O.V., Vedmedenko O.V. Research of elements of technology of reproduction of a herd of hens of meat crosses	230
Kondratyuk V.M. Biological effectiveness of rainbow trout flesh lipids depending on energy levels in feeds	235
Levchenko M.V., Ushakova S.V. Influence of COVID-19 on the pigs of Ukraine.....	240
Lysenko L.B., Zaruba K.V., Korbych N.M. The size of the curl and lamb pelt productivity of Askanian karakul lambs	247
Lykhach V.Ya., Lugovoy S.I., Atamanyuk I.P., Kramarenko A.S., Faustov R.V. Genetic population structure of different pig breeds based on CTSL and MC4R genes	253
Pankeev S.P., Pilipenko Yu.P. Prospective technology of directed breeding of young people in dairy livestock.....	260
Sobol O.M., Lyubenko O.I., Khizhnyak O.S. Socio-economic aspects of the project of the breeding reproduction farm of Novoaleksandrovs'ky draft breed horses.....	267
Chernykh S.A., Bandura L.P., Lemishko S.M. Technological aspects of formation and analysis of the faunistic composition of pests of grain reserves of cereal crops in the Southern conditions Steppe of Ukraine.....	275

MELIORATION AND SOIL FERTILITY	283
Buriak Ye.O., Zabaluev V.A. Degree of salinization of technozems of recultivated sludge storage depending on their constructions and economic use.....	283
Markovska O.Ye. Microbial coenosis of soil under soybean crops depending on agrotechnical measures in crop rotation in the conditions of the south of Ukraine....	291
Sadykov S. T. Effective use of lands of the Mugan-Salyan irrigated area of the Republic of Azerbaijan under agricultural crops.....	297
Strelchuk L.M. Field protective wood lines as one of the means of combating agroecological risks on the territory of the Northern Black Sea Coast.....	312
ECOLOGY, ICHTHYOLOGY AND AQUACULTURE	320
Veremeenko S.I., Semenko L.O., Udod M.M. The Western Polissia trees characteristics on the example of the Central part of Rivne region	320
Voitsitskyi V.M., Khyzhnyak S.V., Danchuk V.V., Ushkalov V.O. Reliability of agroecosystem: approaches to evaluate and improve.....	327
Dementieva O.I., Boiko T.O. The peculiarities of usage of the perennial medicinal plants in the design of the Kherson city flower-gardens	333
Kapustina G.A., Firsova V.V., Burykina S.I. Accumulation trace elements and heavy metals by plants winter ear crops	341
Myskovets I.Ya., Korobchuk L.I. The current state of the ichthyofauna of the Shatsk Lake district	348
Nahaieva S.P., Demchuk D.V. Comprehensive assessment of tourist and recreational potential as a basis for the development of ecologically oriented types of tourism in Ternopil region.....	353
Rozborska L.V., Zabolotnyi O.I., Leontiuk I.B., Parubok M.I., Datsenko A.A. Peculiarities of chemical protection of winter wheat crops in order to increase its productivity in the conditions of ecologization.....	359
Sobol O.M. Dynamics of species composition and use of hunting ungulate fauna of the Kherson region	368
Stratichuk N.V. Economic assessment of the use of household waste as an alternative renewable energy source.....	376
Tsos O.O., Muzychenko O.S., Boiaryn M.V. Formation of phytoindication approaches in the system monitoring the state of aquatic ecosystems	382
Shchetyna M.A., Hnatiuk N.O., Shchetyna S.V. Assessment of the state and level of the use of water resources of the Mykolaiv region	388