

CONTENTS

AGRICULTURE, CROP PRODUCTION, VEGETABLE AND MELON GROWING.....	3
Bezvikonnyy P.V., Tarasiuk V.A., Potapsky Yu.V. Influence of mineral fertilizers on growth, development of tulips in early spring distillation in the conditions of protected soil.....	3
Berdin S.I., Murach O.M., Onychko V.I. Formation of soybean crops under the influence of Biohlobin in the conditions of the Northern Forest-Steppe of Ukraine.....	11
Biliuk M.Yu., Khomina V.Ya. Biometric indicators and yield of sunflower hybrids of different maturity depending on fertilization with microfertilizers.....	17
Bondarenko S.V., Stankevych S.V., Zhukova L.V. Variability of the initial breeding material of cucumber by the resistance to downy mildew and complex of main traits.....	22
Vasylenko N.Ye., Averchev O.V. The cultivation of medium wheatgrass depends on the rate of application of foliar fertilizing with organic microfertilizer bio-gel.....	41
Vyshnivskiy P.S., Zhuravel S.V. Cultivation of spotted thistle (<i>Silybum marianum</i>) under organic technology in the conditions of the Zhytomyr Polissia.....	47
Vyshnivskiy P.S., Kravchuk T.V. The content of heavy metals in the phytomass of amaranth when grown in the conditions of the Forest of Ukraine.....	52
Vitrovchak L.A., Stroyanovskiy V.S., Paraschuk V.V. Plant growth regulators are an effective way to increase the yield of medicinal plants.....	57
Grabovskiy M.B., Potapov A.V. Evaluation of the efficiency of the use of microfertilizers and fungicides for the control of cercospora and powdery mildew in sugar beet crops.....	62
Dovbysh L.L., Mozharivska I.A., Savitska K. The effect of applied fertilizer on winter wheat grain yield in the conditions of the Forest Steppe of Ukraine.....	71
Dudka A.A., Romanko Yu.O. Varietal features of soybean performance formation according to the fertilizer system under the conditions of the Northeastern Forest-Steppe of Ukraine.....	77
Kovalov M.M., Vasytkovska K.V., Kornicheva H.I. Tomato productivity depends on planting scheme.....	84
Korshevniuk S.P. The yield of lentil depends on pre-sowing treatment and extra-root nutrition in the conditions of the Right Bank Forest-Steppe of Ukraine.....	94
Kushniruk T.M., Yasinetska I.A., Dodurych V.V. Principles of innovative agricultural land use.....	107
Lavrys V.Yu., Dvorna A.V. A project of reconstruction and planting of greenery of private territory is in settlement of Komyshtany.....	113
Lyubitska D.M., Mialkovsky R.O., Bezvikonnyy P.V. Methods of increasing the yield of sunflower seeds in the conditions of the South-Western part of the Forest Steppe of Ukraine.....	120

Ladska I.V., Golovko O.Yu. Realization of the potential in productivity of peach varieties depending on the formation of the crown.....	126
Markovska O.Ye, Dudchenko V.V. Species composition of harmful microbiota in soy crops under rice irrigation systems.....	131
Melnyshenko S.H., Bohadorova L.M. Spatial differences in the crop complex specialization of Ukraine.....	138
Nazarenko M.M., Izhboldin O.O., Bilan D.S. Grain productivity and quality of winter wheat varieties under the Northern Steppe conditions of Ukraine.....	144
Ovcharuk O.V., Kalenska S.M., Tkach O.V., Ovcharuk V.I. Influence of positioning the rows direction in sowing second beans the ratio of the sun in the zenith on the plants photosynthetic productivity, yield and product quality	152
Plotnytska N.M., Hurmanchuk O.V., Nevmerzhytska O.M. Weed component control as an element of technology of growing oilseed radish.....	162
Revto O.Ya., Naboka V.V. Sunflower in Ukraine: condition, problems, prospects (a review article).....	170
Rud A.V. The yield of tobacco varieties depending on the density of plant planting and the fertilizer system.....	178
Serhiienko A.V. State of sunflower production in the Northern Steppe of Ukraine	183
Sydiakina O.V., Ivaniv M.O. The formation of eggplant yield and fruit quality in the conditions of drip irrigation depending on the plant density	189
Sydiakina O.V., Meleshko I.O. Efficiency of application of mineral fertilizers in grain corn crops (literature review)	196
Sokolovska I.M., Hryhorieva O.M., Almieva T.M. The productivity of potato sorts in the ecological tests in the conditions of Right Bank Ukrainian Steppe.....	204
Stankevych S.V., Nemerytska L.V., Zhuravska I.A. Immunological characteristics of cucumber breeding material by the resistance to downy mildew.....	210
Fedoruk I.V., Kolodiy V.A., Khmelianchyshyn Yu.V. Influence of nutrients on productivity of soybeans	221
Sheiko D.V., Khomina V.Ya., Ivanyshyn O.S. The yield of winter wheat depending on the variety, the biological agent and the method of its application in the conditions of the Western Forest Steppe.....	228
ANIMAL HUSBANDRY, FEED PRODUCTION, STORAGE AND PROCESSING OF AGRICULTURAL PRODUCTS	233
Hryshyna L.P., Onyshchenko A.O. Determination of the sensitivity of young pigs of different genotypes	233
Drozd O.O., Melnyk O.V., Melnyk I.O. Storage ability of Golden Delicious apples depending on the growing region, harvest date and post-harvest treatment ethylene inhibitor	242
Isko O.Yu., Sychov M.Yu. Effect of different levels of garlic (<i>Allium sativum</i>) on the slaughter performance of young rabbits.....	251

Kalinka A.K. Productivity of beef simmental beef breeders in different growing periods using different diet recipes in the conditions of the Carpathian region of Bukovina.....	257
Kalinka A.K., Tomash L.V., Lesyk O.B. Optimization of legal regulation breeding achievements of urainian livestock breeding.....	266
Kochuk-Yashchenko O.A., Omelkovych S.P., Kucher D.M., Skyba O.P., Prokhnitskyi M.S. Influence of the line belonging of cows on the manifestation of their economic useful traits.....	274
Pitera V.O., Otchenashko V.V. Indicators of quail slaughter for the use of compound feed containing yeast extract	283
Pitera L.V., Otchenashko V.V. Efficiency of using sunflower protein concentrate in growing young quail	291
Pochukalin A., Rizun O., Pryima S. Chronology of the development of the Ukrainian Whitehead cattle breed.....	298
Prylipko T.M., Handziuk T.O. Morphological and biochemical indicators of blood of broiler turkeys depending on the use of different lighting regimes	303
Prylipko T.M., Dulkay Ye.I. Reproductive qualities of ewes and digestibility of fodder following the introduction of supplements from aquaculture of the Dniester River into the diet.....	308
Chernyshov I.V. The use of livestock waste in the technology of growing oyster mushrooms	315
Shcherbatiuk N.V. The influence of the genotype on the milk productivity of the Ukrainian black-and-white dairy breed	321
MELIORATION AND SOIL FERTILITY	328
Buianovskyi A.O., Ozhovan O.O., Tortyk M.I. Humus state of black soils of the common Tarutina steppe under different conditions of their use.....	328
Vorotyntseva L.I., Panarin R.V. Changes of indicators of the state of the irrigated chernozem ordinary of Northern Steppe of Ukraine and the provision of ecosystem services.....	333
Mishchenko S.V., Laiko I.M., Marchenko T.Yu., Machulsky H.M. Theoretical aspects of testing hemp resistance to salt stress in <i>in vitro</i> culture.....	341
ECOLOGY, ICHTHYOLOGY AND AQUACULTURE.....	347
Boiko T.O., Boiko P.M. The environmental and recreation role of the park and garden farm of the city of Kherson	347
Vashchenko A.V., Matviienko N.M. The analysis of parasitological situation in specialized farms and natural reservoirs of Kyiv region	353
Zubov A.O. Methodological and practical approaches to the assessment of the area of the land, polluted due to surface erosion of waste dumps of the mining enterprises.....	359
Kobyakov D.O., Novitskyi R.O. About the characteristics of gear and devices for winter amateur fishing on the Dniprovske (Zaporizhske) reservoir.....	368

Laslo O.O., Shevchuk S.M., Onipko V.V. Assessment of the condition of agricultural landscapes according to indicators of plowing and anthropogenic load by means of cartographic modeling (on the example of Poltava region)	375
Mosiienko N.M. Intake of heavy metals into fish organisms of Zhytomyr reservoir and the consequences of their accumulation	383
Pysarenko P.V., Samoilik M.S., Dychenko O.Yu., Rieznikova O.O., Kapronenko A.Ya., Romanenko A.L. The use of probiotic preparations and aquifer water in the biologization of agrophytocenose protection systems	388
Polischuck N.V., Kovalenko V.O. The influence of feed additive sodium humat on fish farming indicators and copper content in the organism of clarium catfish (<i>Clarias gariepinus</i>).....	396
Skok S.V. Use of biological technologies of agricultural crop growing for increase the environmental and economic efficiency of agricultural production.....	403
Stratichuk N.V. The influence of climate changes on the state of the agricultural crops market	412
Tsova Yu.A. The influence of probiotics and associated stratum water on the sowing qualities of winter wheat and barley.....	418
Yurasov S.M., Karaulov V.D. Improvement of the methodology for assessing the quality of irrigation waters for the danger of soil salinization	426
