

CONTENTS

AGRICULTURE, CROP PRODUCTION, VEGETABLE AND MELON GROWING.....	3
Averchev O.V., Nikitenko M.P. The role of millet in crop rotation.....	3
Bezvikonnyy P.V., Tarasiuk V.A., Potapsky Yu.V. Formation of yield of root beets under the application of humic preparations.....	10
Vasylenko N.Ye. Conditions for harvesting seeds of perennial grassland grasses.....	18
Goncharuk I.V., Yemchyk T.V., Kupchuk I.M., Telekalo N.V., Gontaruk Ya.V. Directions of improving the cultivation and processing of corn for biofuels	25
Horobets M.V. The influence of bischophite on ear productivity in spring barley varieties	33
Hrokholska T.M. The content of essential oil in clary sage depending on technological factors	40
Kovalov M.M. The influence of biopreparations and mulching materials on the growing of <i>Fragaria ananassa</i> in the open soil.....	47
Kryvoruchko L.M., Tyshchenko V.M. Identification of varieties and selection lines of winter wheat adapted to stressful environmental conditions using cluster analysis.....	56
Kulyk M.I., Rozhko I.I., Biliavska L.G. Variability of productivity elements and seed yield of <i>Panicum virgatum</i> (L.) depending on the variety	63
Laslo O.O. Effectiveness of the influence of growth regulators and complex fertilizers on sunflower yield.....	72
Markovska O.Ye., Dudchenko V.V. Distribution and harmfulness of <i>Sclerotinia sclerotiorum</i> (lib.) de Bary in soybean crops under the conditions of rice irrigation systems	77
Mishchenko S.V., Marchenko T.Yu., Lavrynenko Yu.O., Tkachenko S.M. The level of expression and inheritance of breeding traits in interlinear hybrids of hemp of seed and fiber directions of economic use.....	84
Suchek V.M., Klymyshena R.I. Dependence of seed yield of technical hemp on the influence of seeding rate and variety.....	91
Yudytska I.V. The influence of weather conditions on the features of seasonal dynamics of oriental fruit moth (<i>Grapholitha molesta</i> Busck.) in the conditions of the Southern Steppe of Ukraine	97
Yurkevich Ye.O., Valentyuk N.O., Kohut I.M., Yevych V.S. High-oleic sunflower is an innovative way for further sustainable development of organic agriculture of the southern region and preserving soil fertility.....	104
Yatsenko V.V. Formation of vegetable soybean productivity using bioinoculants and a mycorrhizal product.....	111
ANIMAL HUSBANDRY, FEED PRODUCTION, STORAGE AND PROCESSING OF AGRICULTURAL PRODUCTS	119
Handziuk T.O., Prylipko T.M. The use of reduced intermittent light modes in the cultivation of young replacement turkeys.....	119

Drozd O.O., Melnyk O.V., Melnyk I.O. Storage ability of Reinette Symyrenko apples depending on the growing region, harvest date and post-harvest treatment with ethylene inhibitor	124
Kalinka A.K. Productivity of young bulls of the new population of Simmental cattle with the use of different recipes of diets in the conditions of the foothill zone of the Bukovina region	132
Koberniuk V.V., Verbelchuk T.V., Kovalova S.P., Verbelchuk S.P. Dairy productivity of the Holstein cow breed and heavy metal content in milk	141
Kushnerenko V.H. Liquid feeding of pigs in comparison with feeding with traditional feeds.....	147
Osadcha Yu.V. Changes in the hematological parameters of laying hens when using monochrome light with different light wavelengths in their keeping	154
Pankeev S.P. Technological methods of reproduction of a herd of pigs in the conditions of farms of the Southern region of Ukraine	161
Povod M.H., Voloshinov V.V., Lykhach V.Ya., Koroban M.M., Bondarskaya O.M. The development of global pig breeding.....	171
Razanova O.P., Skoromna O.I., Yaremchuk O.S., Poberezhets Yu.M. Intensity of growth of young bulls in the preweaning period under the influence of the supplement Intermix	176
Skoromna O.I., Hordii A.M., HOLEMBIVSKIY S.O., Razanova O.P., Vikarchuk N. Efficiency of cross-breeding of Belgian blue cattle in Ukraine.....	184
Sobol O.M., Krytsia Ya.P. Retrospective review of risk factors associated with feline lower urinary tract diseases (FLUTD).....	194
Yaremchuk O.S., Martseniuk A.V. Genetic structure of egg crosses and effect of feed supplement on egg production	203
MELIORATION AND SOIL FERTILITY	210
Vozhegov S.G., Dudchenko K.V. The impact of long-term agricultural use on the properties of dark chestnut solonchic soil.....	210
ECOLOGY, ICHTHYOLOGY AND AQUACULTURE	218
Valerko R.A., Herasymchuk L.O., Kasumova V.Yu. Assessment of the potential risk to the health of rural population due to drinking water consumption.....	218
Pysarenko P.V., Samoilik M.S., Dychenko O.Yu., Tsova Yu.A. Investigation of the influence of technogenically disturbed lands from landfills on soil indicators of agrocenoses.....	225
Stratichuk N.V., Dyudyayeva O.A. Ecologization of the agricultural industry in the context of adaptation to climate change.....	234
Khokhlov A.V., Gomelya M.D., Khokhlova L.I. Detoxification of heavy metals in the soil using modified biochar from rice husks.....	244