

CONTENTS

AGRICULTURE, CROP PRODUCTION, VEGETABLE AND MELON GROWING	3
Myroshnychenko D.M., Pikovskyi M.Y. Features of the development of powdery mildew in roses.....	3
Moroz O.S., Solodka T.M., Opanasiuk D.V. Influence of resource-saving technologies in crop cultivation on the properties of typical black soil	11
Okselenko O.M., Nazarenko M.M. Hereditary variability under the action of epimutagen Nonidet P-40 for winter wheat.....	18
Paraschuk V.V. The yield of marigold inflorescences depending on the methods of application of plant growth regulators.....	26
Polishchuk V.O., Zhuravel S.V., Smahlii V.O. The influence of biological preparations and fertilizers on the formation of granada potato yield under alternative growing technology.....	31
Potapsky Yu.V., Bezvikonnyy P.V., Tarasiuk V.A. Decorative evaluation of species and varieties of the genus <i>Syringa L.</i>	38
Revto O.Ya., Maliarchuk A.S. Features of growing grain peas under changing climate conditions	44
Riznyk V.V., Pikovskyi M.Y. Harmfulness of the stem form of white mold to sunflower.....	51
Romanchuk L.D., Kovalova S.P., Mozharivska I.A., Ustymenko V.I., Budnik I.P. Radiological monitoring of forest ecosystems of Zhytomyr Polissya	57
Rudik O.L., Lototskiy O.V. Prospects for the use of biological preparations in the technology of growing oily flax.....	68
Semenov S.S. Economics of using pest control products	76
Sydiakina O.V., Hamajunova V.V. Global trends in chickpea production: regional experience and prospects for Ukraine.....	83
Taranenko S.V., Koba R.H. The influence of soil cultivation types and sowing methods on soybean yield.....	92
Tyrus M.L. Amaranth grain yield (<i>Amarantus hypochondriacus</i>) depending on the method and depth of sowing in the conditions of the Western Forest-Steppe of Ukraine	103
Tkachuk O.P., Kuzemskyi V.M. Development of arable lands desertification processes in Ukraine	109
Khovzun R.V. Yield and biometric parameters of potato tubers depending on the applied biostimulants	115
Khoroshun I.V., Nazarenko M.M., Kovalenko S.I. Influence of new compounds on the base of triazoline groups for the similarity of winter wheat	122
Shakalii S.M., Bahan A.V., Marinich L.H., Chetveryk O.O. The effect of microfertilizers on the productivity of the white mustard variety Oslav.....	129
Shevchenko S.M., Mytsyk O.O., Derevenets-Shevchenko K.A., Shevchenko O.M., Pryshedko N.O., Novikov D.I. Optimisation of ordinary chernozem tillage for enhancing sunflower yield under climate change conditions.....	136

Shepel A.V. Terminology in agriculture: is there a difference between soil tillage and ground tillage?.....	145
Shyshkin B.M., Zhukova L.V., Stankevych S.V. Corn cob diseases.....	150
Yatsenko N.V., Burkovetskyi O.O. Adaptive variability of ordinary melon varieties and hybrids (<i>Cucumis melo</i> L.) in the Right Bank Forest Steppe of Ukraine	160
Yashchenko L.A., Yuvchik N.O. Agrophysical parameters of sod-podzolic soil for winter wheat cultivation in Western Polissya.....	170
ECOLOGY, ICHTHYOLOGY AND AQUACULTURE	178
Boiko M.O. Ecoarchitecture as a tool for improving the environmental situation in urban conditions of post-war Ukraine	178
Boiko T.O., Boiko P.M. Greening of resort towns in southern Ukraine in the post-war reconstruction of the region in the context of sustainable development.....	187
Vasylenko O.V., Sonko S.P., Balabak O.A., Balabak A.V., Nikitina O.V. Use of artificial intelligence technologies for urban environmental security management....	195
Herasymchuk L.O., Rybak O.S. Scientific analysis of the topic “green roofs”: comparison of Scopus and Web of Science using SWOT- and GAP analysis.....	202
Katsevich V.V., Ananieva T.V., Voroshilova N.V., Dotsenko L.V., Karas O.G., Malenko Ya.V. Risk of mercury contamination of agricultural crop production in the Dnipropetrovsk region	211
Kliuchevych M.M., Mozharivska I.A., Vyhera S.M. Common diseases of spelt leaves in Polissya, Ukraine	221
Kovalova S.P., Savchuk I.M. Accumulation of ¹³⁷ Cs, Pb, Cd in products from diets containing pea and wild pea for young bulls	227
Nedilska U.I. Ecological aspects of the formation of the photosynthetic apparatus of plants	237
Pysarenko P.V., Samoilik M.S., Dychenko O.Yu., Husynskyi D.V., Lastovka V.P., Shpyrna V.H. Use of satellite-layer water and bishophyte as an environmentally safe means of plant protection in winter wheat cropping.....	243
Pryshchepa A.M., Kovalchuk N.S., Shchur O.V. Evaluation of environmental stability of the territory and the level of anthropogenic load on land resources of the berezne city territorial community.....	252
Chupryna Yu.Yu., Holovan L.V., Klymenko I.V., Koliada O.V., Chupryna Ye.V. Analysis of <i>Triticum Aestivum</i> L. samples by breeding indices	260