CONTENTS

AMELIORATION, FARMING, CROP PRODUCTION	5
Vozhehova R.A., Piliarska O.O., Marchenko T.Yu., Vlashchuk A.M., Drobit O.S., Piliarskyi V.H. Water consumption and crop productivity of chickpea depending on herbicide application	
in the conditions of the Southern Steppe of Ukraine	5
Hadzalo Ya.M., Vozhehova R.A., Likar Ya.O. The influence of the plant protection system on the productivity of corn hybrids when grown under irrigation conditions in the south of Ukraine	12
Drozda O.V. Variety as important soybean growing technology factor	19
Lykhovyd P.V. An agro-ecological assessment of agricultural land based on remote sensing of the Earth	24
Mashchenko O.A., Butenko A.O. Agrotechnical methods of increasing the realization of the genetic potential of buckwheat varieties for the conditions of the North Eastern Forest Steppe of Ukraine	32
Moldovan Zh.A., Moldovan V.G. Influence of planting density on the formation of productivity of early maturing maize hybrids in the Western Forest-Steppe	38
BREEDING, SEED FARMING	44
Mishchenko S.V. Inhibition of salt stress in Cannabis sativa L.: genetic and breeding aspects	44
Orekhivskyi V.D., Kryvenko A.I., Kononenko Yu.M., Vakulenko V.V. Ecological plasticity of yield of new varieties of winter wheat in the conditions of the Right Bank Forest Steppe of Ukraine	50
Tyshchenko A.V., Stepanov S.S., Tyshchenko O.D., Konovalova V.M., Ochkala O.S. Reaction of sunflower hybrids of the early maturity group to mineral nutrition and soil conditions	
in the south of Ukraine	56
Karashchuk G.V., Kazanok O.O., Kozychar M.V. Productivity of winter barley varieties depending on plant growth regulators in the conditions of the southern Steppe of Ukraine	69