

CONTENTS

AMELIORATION, FARMING, CROP PRODUCTION.....	5
Berdin S.I., Onychko T.O., Butenko E.Yu. Formation of the yield of sunflower hybrids of different maturity groups in the conditions of the North-Eastern Forest Steppe of Ukraine.....	5
Hadzalo Ya.M., Vozhehova R.A., Likar Ya.O. Productivity of winter wheat varieties depending on the elements of agrotechnology under irrigation conditions.....	11
Grabovskiy M.B., Kozak L.A., Lozinskyi M.V., Gorodetskiy O.S., Stepanenko M.V. Economic evaluation of elements of corn cultivation technology for grain and bioethanol production.....	20
Gurtovenko V.O., Tsyuk O.A. Changes in the nutrient regime of typical black soil depending on the farming system and the main tillage system in sunflower crops.....	26
Danylchenko O.M., Tkachenko R.S. The influence of the sowing rate on the morphological characteristics and seed yield of sunflower hybrids in the conditions of the Left Bank Forest Steppe of Ukraine.....	31
Kosenko N.P., Knych V.I., Bondarenko K.O. The productivity of hybrids of asparagus under drip irrigation on south of Ukraine.....	36
Marenych M.M., Laslo O.O., Drach V.S. Adaptive properties of corn hybrids to adverse climatic conditions.....	43
Melnyk M.A., Zaiets S.O. Influence of seed treatment with microbial preparations on the duration of the growing season, field germination and density of oil flax plants	48
Melnychuk F.S., Shatkovskiy A.P., Dovhelia O.M., Alekseeva S.A., Rudoy S.A. The peculiarity of the Sunn pest development on winter wheat in the Central Forest-Steppe of Ukraine.....	55
Petrenko A.I., Nazarenko M.M. The quality of irrigated grape varieties under the conditions of the Steppe of Ukraine.....	61
Rudnyk-Ivashkenko O.I., Yehorova T.M., Kabanets V.M. Concentration characteristics of hemp varieties in agricultural landscapes with dark-gray podzolized soils.....	66
Tomnytskyi A.V., Hranovska L.M., Lykhovyd P.V. Effect of tillage on water-physical soil properties and alfalfa productivity in the irrigated conditions.....	71
Khovzun R.V. Influence of biostimulants on potato development.....	79
BREEDING, SEED FARMING.....	86
Vozhegova R.A., Borovyk V.O., Shukailo S.P., Sorokunskiy S.S. Modification variability of cotton traits when using inbreeding.....	86
Kyrylenko V.V., Volohdina H.B., Humeniuk O.V., Shadchyna T.M., Murashko L.A. Seed setting in F ₁ winter bread wheat when breeding for early maturity.....	93