

## CONTENTS

<b>OUR ANNIVERSARY CELEBRANTS.....</b>	<b>.5</b>
Raisa Anatoliivna Vozhehova's Anniversary.....	.5
<b>AMELIORATION, FARMING, CROP PRODUCTION.....</b>	<b>.9</b>
Vozhehova R.A., Lykhovyd P.V., Hranovska L.M. Mathematical modeling of soil organic matter content using remote sensing data.....	.9
Hadzalo Ya.M., Vozhehova R.A., Likar Ya.O. Productivity and grain quality of maize hybrids depending on various plant protection schemes in the southern steppe under irrigation conditions.....	.15
Omelyanenko O.M. Biological control is an integral part of a modern integrated system for protecting sunflower agroecosystems.....	.23
Piliarska O.O., Shablia O.S., Petriv L.M., Zhrebchuk S.V., Polahenko O.S. The Use of Treated Wastewater for Irrigation of Agricultural Crops.....	.30
Tarariko Yu.O., Zosymchuk M.D., Pysarenko P.V., Saidak R.V., Bidnyna I.O., Knysh V.V., Vdovychenko O.P., Polahenko O.S. Balance studies in crop rotations with forest-steppe crops in Western Polissia under variable hydro-thermal conditions.....	.35
Tryus V.O. Agroeconomic prospects of soybean cultivation in Ukraine.....	.47