

CONTENTS

| | |
|---|-----------|
| AMELIORATION, FARMING, CROP PRODUCTION..... | 5 |
| Burykina S.I., Parlikokoshko M.S. Organomineral fertilizers with a complex of amino and humic acids on chickpea crops..... | 5 |
| Granovska L.M., Maliarchuk N.P., Pysarenko P.V., Maliarchuk A.S., Tomnitsky A.V. Productivity of grain row crop rotations at the different systems of basic tillage in the area of action of Ingulets irrigatory system..... | 12 |
| Zaiets S.O., Muzyka V.Ye., Nyzheholenko V.M., Rudik O.L. Evaluation of adaptability and stability of soft winter wheat varieties under different conditions of moisture supply in the South of Ukraine | 17 |
| Zelenyanskaya N.M., Borun V.V. Water consumption of a grape nursery in the South of Ukraine..... | 22 |
| Iutynska H.O., Holoborodko S.P., Dymov O.M. Formation of humus in southern chernozem for the use of green manure in irrigation conditions..... | 26 |
| Klipakova Yu.O., Bilousova Z.V., Keneva V.A. Functioning of the assimilation apparatus of winter wheat plants depending on the terms and methods of fertilizer application..... | 30 |
| Kovalov M.M., Vasylkovska K.V., Reznichenko V.P. Influence of EM preparations and injection micro-irrigation systems on growing eggplants outdoor..... | 35 |
| Korotka I.O., Klipakova Yu.O., Priss O.P. Growth, development and yield formation of different perennial wall rocket (<i>Diplotaxis tenuifolia</i> L.) cultivars in greenhouses..... | 39 |
| Morozov O.V., Morozov V.V., Kozlenko Y.V., Bidnyna I.O., Leliavskaya L.V. Water-salt anthropogenic load on long-irrigated soils of the Ingulets massif..... | 43 |
| Peretiatko S.H., Rudik O.L. The current state and applied aspects of the development prospects of soybean production in Ukraine | 49 |
| BREEDING, SEED FARMING..... | 54 |
| Vozhehova R.A., Marchenko T.Yu., Zabara P.P., Piliarska O.O., Sakhatskyi H.I. Peculiarities of photosynthetic activity of lines – parental components of maize hybrids depending on elements of technology under irrigation conditions..... | 54 |
| Dmytrenko P.V. Qualitative characteristics of basic seed potatoes depending on the number of vectors of viral infections and elements of technology..... | 60 |
| Rybalkchenko A.M. Plasticity and stability of economic characteristics of soybean collection samples..... | 69 |
| Tishchenko A.V., Tishchenko O.D., Lyuta Y.O., Piliarska O.O., Kuts G.M. The density of alfalfa grass by years of life and slopes with different moisture supply..... | 75 |
| SUMMARY..... | 83 |