

# Contents

## Research Articles

Maria Nedeaľcov, Maria Duca and Lidia Dencicov

**Sunflower's Productivity in the Context of Climatic Changes on Republic of Moldova's Territory — 115**

V. A. Gavrilova and I. N. Anisimova

**Genealogy of the Sunflower Lines Created on the Basis of Russian Varieties — 133**

N.I. Kostyuchenko and V.A. Lyakh

**Peculiarities of Taxonomic Structure of Micromycete Complex in Root Zone of Sunflower in Conditions of Southern Steppe of Ukraine — 147**

Maria Duca and Adriana Boicu

**Morphological Diversity of Seeds in *O. cumana* Accessions from Republic of Moldova — 161**

Adeel Riaz, Muhammad Hammad Nadeem Tahir, Muhammad Rizwan, Mian Faisal Nazir and Bisma Riaz

**Combining Ability Analysis for Achene Yield and Related Components in Sunflower (*Helianthus annuus* L.) — 177**

A. I. Soroka, I. V. Totsky and V. A. Lyakh

**Inheritance of Rounded Seed Shape in Sunflower — 189**

S. Neelima and K. G. Parameshwarappa

**Stability of Single and Three-Way Cross Hybrids for Seed Yield and Other Important Agronomic Traits in Sunflower (*Helianthus annuus* L.) — 197**

## Preliminary Communication

Kumarbek Urumbayev, Vladimir Miklić, Ulan Almishev and Jelena Ovuka

**Testing of Some NS-Sunflower Hybrids in the Northeast of Kazakhstan — 211**