

ISSN 0131-6397 (Print)
ISSN 2313-4836 (Online)

AGRICULTURAL BIOLOGY

PLANT
BIOLOGY

CONTENTS 1_2013

Krupnova O.V. A comparison of grain quality in spring and winter wheats associated with market classes (review) »	15
Mikhailenko I.M., Dragavtsev V.A. Mathematical modelling in plant breeding. I. Theoretical basis of genotypes identification on their phenotypes during selection in segregating generations »	26
Mikhailenko I.M., Dragavtsev V.A. Mathematical modelling in plant breeding. II. Algorithms for control of genetic-breeding improvement of economically valuable properties in self-pollinators »	35
Snigir' E.A., Pyshnaya O.N., Kochieva E.Z. et al. AFLP-analysis of varietal polymorphysm in <i>Capsicum annuum</i> L. »	53
Kil' V.I., Besedina E.N. variability of molecular genetic structure in codling moth <i>Cydia pomonella</i> (L.) populations under the influence of insecticides and environmental stresses »	61
Krupin P.Yu., Divashuk M.G., Belov V.I. et al. Investigation of intermediary wheat-Agropyron hybrids on resistance to leaf rust »	68
Tyryshkin L.G., Zakharov V.G., Syukov V.V. Juvenile and age-specific <i>Lr</i> -genes of resistance to <i>Puccinia triticina</i> Eriks. in <i>Triticum aestivum</i> L.: reality or conditionality »	74
Martirosyan Yu.Ts., Polyakova M.N., Dilovarova T.A. et al. Photosynthesis and productivity of potato plants in the conditions of different spectral irradiation »	107