

INSTITUTE OF HORTICULTURE
OF NAAS OF UKRAINE

HORTICULTURE

INTERDEPARTMENT SUBJECT SCIENTIFIC COLLECTION

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The collection contains articles that highlight the results of long-term research on breeding and variety studies, in particular apple, cherry, pear, apricot, gooseberry, viburnum, mulberry and *Callistephus chinensis*, including the value and prospects of growing apple varieties of traditional selection, the suitability of domestic gooseberry varieties for intensive plantations, the duration of storage of pear varieties and forms. The current state and prospects of blackcurrant production, as well as the state and main trends of cherry cultivation in the world and Ukraine are investigated.

The results of research on: the quality of hazelnut plantings in the mother liquor of vegetative propagation; the effect of raspberry bushy dwarf virus on the drought resistance of raspberry plants; the technical effectiveness of the use of biological products against the main diseases of strawberries; the impact of climate change on grapes and possible adaptations of the culture; the prospects for growing rhododendrons in the Lisosteppe of Ukraine are highlighted.

Economic and financial issues are also raised, in particular, the prospects for the development of fruit wine and honey drinks production and the problems and competitive areas of fruit processing in Ukraine.

The ecological and hydrochemical basis of the formation of water basins of Polissia in Ukraine are presented separately.

For research workers, post graduate assistants, doctorants, teachers and students of higher educational agricultural institutions, fruit growing experts, amateur horticulturists.