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**YAROSLAV NEMETS CONTRIBUTION (1842–1898) INTO THE
DEVELOPMENT OF RESEARCH IN HORTICULTURE ON THE
UKRAINIAN LANDS**

(devoted to the 120th anniversary of the scientist's death)

Summary

The study is devoted to the little-known figure in the history of education, science and technology, Yaroslav Yosypovych Niemets (1842–1898), an educator, a pomologist, a public figure, an organizer of agricultural research. The article is devoted to the 120th anniversary of the scientists' death. The article highlights the major milestones of his life and creative path. It is found out, that Yaroslav Yosypovych descended from the family of a well known Czech writer Bozhena Nemtsova and because of family's financial difficulties moved to Russia where implemented his talents as a teacher of arts and drawing, developing methodological works in this field. His activity in the field of education is analyzed, where he actively participated in the development of secondary schools in Odessa, Rivne and especially Vinnytsa. The research shows that Y.Y. Nemets being the principal of Vinnitsa gymnasium by his administrative, pedagogical, staff managing activity transformed this educational establishment into the center of educational, scientific, cultural, sport and public center

of Podillia region. The role of the scientist in the establishment and development of a research in horticulture on the Ukrainian lands is defined. In particular, he laid an experimental garden, which later turned into the Podolsky research centre at the Institute of Horticulture of the National Academy of Agrarian Sciences of Ukraine. The scientist's scientific findings in growing fruit and berry cultures, their acclimatization to the conditions of the Podillya region for the purpose of further industrial application are generalized. It is notable, that the scientist was renowned by scientific community at international professional exhibitions and even obtained state support for scientific research in North America and publishing a monograph «Industrial promiculture in North America». The contribution of Y. Nemets into the study of the condition and development of industrial fruit production in the USA and Canada at the end of the XIX century, popularization of scientific advances in gardening on the pages of scientific professional editions is substantiated. The gathered data prove that through his scientific activity this researcher laid the foundation for science-based promiculture on the territory of Podillia region.

Key words: *horticulture, pomology, agricultural research, real college, Podillya province, Podolsky experimental centre, Bozhena Nemtsova, North America.*