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**«UMAN» PERIOD OF SCIENTIFIC-ORGANIZATIONAL
AND PEDAGOGICAL ACTIVITY OF PROFESSOR**

V.F. NIKOLAEV (1889–1973)

Summary

The aim of this work is to study scientific-organizational and pedagogical activities of Professor V.F. Nikolaev (1889–1973) at the Uman Agricultural Institute named after O.M. Gorky during the period of 1954–1964. The research is based on the application of general scientific and historical methods, as well as historical analysis.

The results of the study indicate that Professor V.F. Nikolaev headed the Department since 1954, but in fact since 1955. With his arrival, the Department commenced work on the introduction and selection of a number of flower and bulbous crops: dahlias, phloxes, irises, gladioli, tulips, peonies, daffodils, lilies, etc. The Department had a large collection of these crops of the Soviet and foreign selections. It also changed for better the appearance of the Botanical nursery. The Department was equipped with new microscopes, binoculars and other equipment. Employees of the Department headed by V.F. Nikolayev developed guidelines for

conducting laboratory and practical classes on anatomy, morphology and systematics of plants, and a summer training practice.

In addition to the pure teaching V.F. Nikolaev carried out publishing activities, in particular, worked in the editorial boards in preparation for the publication of brochures on the synthesis and commercialization of advanced experience and achievements of science (1951), collections of student scientific works (1955, 1960), collections of scientific works of the Institute (1955, 1957), student conferences (1960) and graduates of the Institute who worked as agronomists in the areas of development of virgin and fallow lands (1956), scientific and technical Bulletin (1958), exhibitions of scientific and educational work (1957), etc.

The staff of the Department and its leader established close ties with the Institute of Botany of Ukrainian Soviet Academy of Sciences, Botanical gardens of Ukraine and the USSR. V.F. Nikolaev repeatedly had business trips to Botanical institutions, reviewing their work and selecting material for the replenishment of the Botanical section of the Institute (1954), as well as to other educational institutions (in particular the Cherkassy Pedagogical Institute (1956)).

Working in Uman Agricultural Institute, V.F. Nikolaev showed his organizational skills to update the nursery at the Department. In 1959 it was established a permanent Commission consisting of the Deputy Director of the Institute A. P. Verzhnivskiyi, N. I. Bondarenko and V.F. Nikolaev, who had the right for culling the unacceptable plantings and the development of measures for greening of the estate of the Institute.

In Tajik time of V. F. Nikolayev's life, he got into collecting gladioli. He not only carefully studied their biology and agronomic practices varietal, but also began their selection. The varieties of gladioli and tulips he bred were in all the then Amateur catalogs of these crops.

Thus, it can be argued that in «Uman» period (1954 –1964) of the creative activity V.F. Nikolaev showed himself as an experienced teacher, organizer of new researches, talented selectioner, and promoter of Botanical knowledge. This was facilitated by the experience gained in various educational institutions of the Soviet

Union. In future it is planned to study Professor V.F. Nikolaev's scientific school, the contribution of the graduates of Uman Agricultural Institute under the leadership of the scientist to the development of agricultural science.

Key words: *V.F. Nikolaev, Uman Agricultural Institute named after O.M. Gorky, selection of flower and bulbous crops, varieties of gladioli.*