



CHUVIKINA Nataliia

Candidate of Historical Sciences, Senior Research Fellow of the M.M. Gryshko National Botanical Garden of the National Academy of Sciences of Ukraine, Natachko@ukr.net, <https://orcid/0000-0002-4069-2406>,
Kyiv



RAKHMETOV Dzhamal

Doctor of Agricultural Sciences, Deputy Director for Research, Head of the Department of Cultural Flora of the M.M. Gryshko National Botanical Garden of the National Academy of Sciences of Ukraine, rjb2000.16@gmail.com
<https://orcid/0000-0001-7260-3263>
Kyiv

**SCIENTIFIC AND ORGANIZATIONAL ACTIVITY OF PROFESSOR
YU. A UTEUSH IN M.M. GRYSHKO NATIONAL BOTANICAL GARDEN,
NATIONAL ACADEMY OF SCIENCES OF UKRAINE (TO THE 110TH
ANNIVERSARY OF HIS BIRTH)**

Summary

The aim of the article. To study the scientific and organizational activity of Agricultural Sciences Doctor, Professor Yuri Adolfovich Uteush (1911–2001).

Methods. Historical-scientific, source-based.

The stages of Yu. A. Uteush's work in the Central Republic Botanical Garden (CRBG) of the Academy of Sciences of the Ukrainian SSR (now – M.M. Gryshko National Botanical Garden (NBG) of the National Academy of Sciences of Ukraine) are highlighted. The scientist came to the CRBG as an experienced researcher,

candidate of agricultural sciences but the most significant scientific achievements, which brought him recognition not only in Ukraine but also far beyond its borders, is the result of his work in the Botanical Garden. The first stage (1969–1981) was the organization of the work in the Department of New Cultures established by him. The finish of this stage was the doctoral dissertation of Yu. A. Uteush. The dissertation deals with the scientific basis of a system of measures for growing additional plant mass and vegetable protein production for forage under the Ukraine condition. This became the contribution to the development of a new promising direction in the theory and practice of crop production. During the second stage (1981–early 1990s), the scientist actively worked on the efficient use of solar energy for crop cultivation, studying the possibilities of using winter and spring high-yielding cultures as intermediate crops, as well as new non-traditional perennial plants. The most important result of the third stage (from the beginning of 1990 to the last days of his life) of Doctor Uteush scientific activity is his world recognition as a great scientist.

Conclusions. Extensive experience allowed Professor Uteush to summarize the work on forage plant introduction, theoretically and practically justify the new crop introduction in agriculture. The Department of New Cultures in M.M. Gryshko NBG of the NAS of Ukraine has achieved significant success under the leadership of Yu. A. Uteush.

Key words: Yu. A. Uteush, crop introduction, selection, M.M. Gryshko National Botanical Garden of NAS of Ukraine