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THE EVOLUTIONARY PROCESS OF FORMING A NETWORK CULTIVAR

Summary

At the beginning of the birth of scientific research quality testing focused on a particular culture. For example, before organized on the initiative of Professor AE Zaykevycha Kharkiv Society of Agriculture in 1881 a network of research fields, task choice varieties of sugar beet (Trostanetskyi, Belokrinitskaya, Moroceanske experimental fields, etc.). In 1884 thanks to the initiative of the Poltava Agricultural Society started its operations Poltava experimental field. At the inception of the institution before it was the goal Cultivar varieties of winter crops, 1885 – varieties of oats and potatoes, from 1890 - spring wheat. The tests most productive variety of crops also included in the task research institutions freely and economic partnerships, including organized in 1886 Nemerchanskoyi experimental breeding station and in 1888 - Derebchynskoho research field. The study was conducted grades as on the research stations Ekaterinoslavskogo Province Zemstvo led by BN Rozhdestvensky (1908 - 1910); research fields with crops of potatoes, organized Kharkov Agricultural Society (since 1910); network of research institutions in the south and south-east of Russia from 1909 to 1917 held last tested varieties of maize, forage and grain crops (Director - VV talented). The named organizations, except the last, along with quality testing, and doing other research.

In the first half of XX century. domestic sortoispytaniya acquired its development as a separate branch sortivnycho-seed case at the state level. For the

first time developed a common methodology for its implementation, highlights the main features which conducted the tests selected range of investigated varieties according to local soil and climatic conditions of different areas. The result of this work was the isolation of groups Zoning grades - especially recommended (standard), recommended, permissible. Coordination of cooperation Ukrsortomerezhi, sortovyprobuvalnoyi network Tsukrotrestu, southern and northern network sortodilnyts led to the creation of a single state coordinating center - quality testing department in faith.

In general, the initial period of breeding research and testing, which developed in Ukraine since the beginning of the twentieth century., Is characterized by a lack of conceptual knowledge necessary for the scientific basis of certain criteria decision-making selection of tasks and knowledge required for practical and theoretical justification of technology selection. for this phase characteristic heavy use of genetic diversity for the genetic organization of local macro forms. Therefore, at this stage of experimentally solved the problem underlying technology selection based makropidhodu and formation of subject knowledge. The bottom line is to explore makropidhodu selection of appropriate forms of experimentally created situations for a particular feature space. Special attention is paid to the dynamics of coherence macro environmental factors, it is adaptability.