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BEAN BREEDING IN UKRAINE: HISTORICAL ASPECTS, RESULTAIVNESS AND CURRENT STATE

Summary

*The purpose of the article is to highlight and summarize information about the peculiarities of the development of breeding work with bean culture in Ukraine, its main directions and effectiveness, current state. The research is based on the review and analysis of scientific sources, documentary materials, statistical data; research methods – historicism, objectivity, systematicity, analysis and synthesis. The advantages and prospects for the domestic agricultural sector of the niche culture traditional for Ukraine are shown, its high export potential and the importance of the assortment for increasing production volumes are noted. Historical data on the origin and development of breeding work in the country with the definition of the founding institutions, breeding methods, volumes and results, sown areas under the created varieties, etc. are given. The contribution of domestic scientists – first-class authors is highlighted. Information on the creation of the domestic gene pool of beans in the National Bank of Plant Genetic Resources of Ukraine is summarized, the volumes and types of collections are shown. Information on the genetic resources of the genus *Phaseolus* L. in the world; s largest genebanks is provided. On the basis of the State Register of Plant Varieties Suitable for Distribution in Ukraine in 2023, the modern assortment of culture was analyzed by the direction of use, the number of domestic and foreign varieties, and originating institutions. Significant successes of breeders in improving and developing new methods of breeding work, in creating new varieties were noted. At the same time, attention is focused on insufficient volumes of culture production in Ukraine. The need to improve seed work and modern assortment of culture was noted, the main directions of breeding were determined.*

Keywords: *beans, breeding, development of selection work, variety, genebank, collection, sown area, yield.*