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**COMMON BEANS (*PHASEOLUS VULGARIS* L.) IN THE REPORTS OF  
SCIENTIFIC RESEARCH INSTITUTIONS FROM THE FOUNDATIONS OF  
THE NATIONAL SCIENTIFIC AGRICULTURAL LIBRARY NAAS OF  
UKRAINE**

**Summary**

The article examines and summarizes the results of research conducted by research institutions, namely: the Institute of Agriculture of the National Academy of Sciences, the Institute of Fodder and Agriculture of the Podillia National Academy of Sciences, the Bukovyna State Agricultural Research Station of the Institute of Agriculture of the Steppe Zone, the Institute of Bioenergy Crops and Sugar Beet, and the Institute of Plant Breeding named after V. Ya. Yuryev, which will contribute to the popularization of the achievements of scientific and technical potential and the practical application of innovative developments in the agro-industrial production of Ukraine.

It has been established that the employees of research institutions have identified new donors and sources of important economic characteristics of beans for use by breeders in order to create new starting material for selection. A new variety of beans of the grain direction of use, Nataalka and Darka, was submitted to the State variety testing, and for the provision of seed farms, the following varieties were grown:

Mavka, Panna, Nespodivanka, Asol, etc.

It was found out that the production was recommended to carry out accelerated reproduction of new varieties of Panna, Shchedra, Perlyna and Mavka beans, due to an increase in the sown areas. Scientists have also proven that the following bean varieties can be donors and sources of valuable traits: Dniprovska 8, Balkan, Krasnogradska 5, Odesitka, Lada, Merssini, Shchedraya, Isex, Prelom, Aversa, Michelite, Belgorodska 1, Getenyi, Synilnykivska 6, Porumbitsa, Kharkivska Shtambova, Vednina, Premier, Zeneth, Lada, Vinga 1, Synilnykivska 6, Prysadibna, Lehchevo 6, Bychanka, Oka, Isex, Lehchevo 6, Deta, etc. The economic efficiency of growing beans of the Dnipyanka variety in the conditions of the Northern Steppe was determined. Production costs for 1 hectare, cost of 1 ton of grain, profit from 1 hectare and the level of profitability of the specified variety are also calculated.

The influence of scientific developments on the field of agricultural production is gaining more and more attention, it is regarded as a determining factor of innovative development in the development of the food market of Ukraine. Processing of material from literary sources gives a detailed picture of theoretical and practical developments of the system of distribution of scientific information of agricultural significance for users of the agrarian sector of the economy.

**Keywords:** *beans, research institutions, research results, production recommendations.*