

**THE SOLVING ROLE OF THE ACADEMICIAN N. HRYSHKO IN THE SELECTION  
OF A SIMULTANEOUSLY RIPENING AND MONOECIOUS HEMP (TO THE 115TH  
ANNIVERSARY OF M.M. HRYSHKO)**

**Vyrovets V.H, Layko I.M, Kyrychenko H.I, Horshkova L.M.**

*From the standpoint of the past, the decisive role of Acad. M.M. Hryshko as an extraordinary figure in the cohort of biologists and botanists of the world to study theoretical and practical problems of genetics, plant breeding and acclimatization. By mastering the scientific luggage of Acad. M. Hryshko and the continuation of creative searches by breeders of the following generations, his creative contribution to the development of hemp breeding, in particular, and science in general, was assessed and enriched. Thanks to his high natural talent and persistent work, M. Hryshko paved the way for the solution of the problem of mechanization of hemp harvesting processes, as most of the most conscious hemp-growers dreamed for centuries. Based on their results of studying the nature of the sex of plants and hybrids between different sexual types, he developed a special breeding methodology. After the first simultaneously ripening variety of hemp OSO-72, his disciples and followers were exposed the monoecious hemp with the simultaneous placement of spatially separated female and male flowers on the same plant. On the example of new highly productive varieties, there was also dispelled a myth of the narcotics of hemp.*