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**FROM DIOECIOUS AND AT THE SAME TIME MATURING
TO MONOECIOUS NON-NARCOTIC HEMP CROP.
115 ANNIVERSARY FROM BIRTHDAY
OF ACADEMICIAN M. M. GRYSHKO**

Summary

Purpose. To reveal the significant contribution of academician M.M. Hryshko as an extraordinary figure among biologists and botanists in the world to study the theoretical and practical problems in genetics, breeding and acclimatization of plants.

Methods. The breeders of future generations evaluated and enriched his creative and practical contribution to the development of hemp branch, in particular science in general by studying the scientific heritage of academician M. Hryshko and continued his creative studies.

Results. Due to high natural abilities in science and hard work of M. Hryshko he was the first who solved the problem of mechanization of hemp harvesting which is most conscious dreaming for most hemp breeders by centuries.

Based on the results of studying of the nature of plant and hybrid sex between different sex types, he developed a special methodology in hemp breeding. After the first created hemp variety OSO-72 his students and followers created monoecious hemp varieties with simultaneous settlement of one plant the separate female and male flowers.

Conclusions. Research in breeding started by academician M. Hryshko was continued by breeders of future generations who created new high-productive two- and monoecious hemp varieties, an example of which the myth about narcotivity of cultivated hemp was dispelled.

***Kew words:** M.M. Hryshko, two- and monoecious hemp varieties, sex types of plants.*