Eschenko A. V., Bohonko O. A.

ECONOMIC AND BIOLOGICAL CHARACTERISTICS OF SIMPLE INTERLINEAR HYBRIDS OF MAIZE BREEDING UMAN NATIONAL UNIVERSITY OF HORTICULTURE

Corn is one of the major grain crops, so holding her breeding is important. The creation of early-maturing corn hybrids will allow you to get on the end of the growing season grain yield lower humidity at the same or almost the same yield that will allow you to save on dried. Hybrid combination, inbred breeding lines Uman NUS was analyzed by the method of State trials in the last four years. Our studies allow us to select for further work are resistant to diseases and pests forms, which are characterized by higher yields, the yield of grain per cob and a shorter growing period. Recommended for further breeding hybrid combinations belong to the early-maturing, with an average elevation of attaching the bottom of commercially valuable cob, which allows for mechanized harvesting corn.

Key words: maize, breeding, hybrids, harvest, duration of vegetation period.