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***The approbation of methods for creation of winter rye's hybrids using the different genetical systems of controlled reproduction***

*The article highlighted the heterotic direction as important one in the selection process of winter rye. The achievements of breeders of the world in heterosis breeding of this crop were summarized. The advantages of hybrids for yield and performance in comparison with zoned varieties were pointed out. The basic ways of creating hybrids of winter rye were presented.*

*In the process of investigation, the way of hybrid seeds creation by Certificate of Authorship 1396219 was developed and tested, with the result that has been created high-yielding hybrid model. The results of studies of effective use of the method for the production of hybrid seed were presented. A comparison of the yield of the hybrid model created by this process and hybrid of the same parental components obtained by the standard method, was made.*

*As a result of investigations, technique for creating hybrid seeds by A.s.1396219 was tested and created two hybrids of winter rye (one by the standard procedure, another by procedure Certificate 1396219), for which yields were not significantly different among themselves, but much higher than yield of variety-standard Khlebnoe.*

***Keywords:*** *heterosis selection, winter rye, parental components, genetical system of controlled reproduction, hybrid.*