RESEARCH OF ADAPTABILITY TO WINTER OILSEED RAPE GENOTYPES UNDER ALLUVIAL SOILS INSULA MARE A BRAILEI

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Abstract

High and stable yields of rape can be obtained under the alluvial soils of the Insula Mare a Brailei a only by using hybrid varieties with high yield and production, to use on favorable environmental conditions and agricultural technology in this area of great economic importance. During 2004-2010 were studied over 215 genotypes of winter rapeseed yield of studying the elements of productivity o f plant resistance to different stressors, their adaptability to the specific conditions of the Insula Mare a Brailei. Optimization o f rapeseed varieties ensure a sufficient diversity of cultivated assortment in terms of the vegetation period, resistance to pests, and winter hardiness of morpho-physiological features that enable more efficient use of both soil and climate conditions of the Insula Mare a Brailei, and decrease genetic vulnerability of this crop. (10-15 rânduri, cu referire expresă la rezultatele cercetărilor).

Key words: winter rape, optimization varieties, adaptability