

Annotation

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The level of wheat breeding in Ukraine in 2017

In State register of plant varieties suitable for dissemination in Ukraine in 2017 in part Field cereal there are 420 varieties of different kinds of Wheat, 380 from them – Soft Wheat Winter, 39 Soft Wheat Spring, one variety Soft Wheat Spring and Winter compatible, 18 varieties of Durum Wheat Winter and 11 Durum Wheat Spring, two varieties of Spelt.

The greatest number of varieties of soft winter wheat belongs to the Institute of Plant Physiology and Genetics of the National Academy of Sciences of Ukraine, the Plant Breeding and Genetics Institute – National Center of Seed and Cultivar Investigation of the National Academy of Agricultural Sciences of Ukraine, The Plant Production Institute nd. a. V. Ya. Yuryev of NAAS, the Institute of Irrigation of the National Academy of Sciences of Ukraine and the V.M. Remeslo Myronivka institute of wheat of Ukraine.

Among 351 soft winter wheat varieties is 280 or 80.3 % Ukrainian, 26 (7.4 %) are German, 18 (5.1 %) are French, 12 or 3.4 % are Austrian and 15 or 4.2 % Selection of other countries.

Varieties of wheat soft winter was introduced in the State Register during 1994–2017.

In the Register 19 soft spring wheat varieties are Ukrainian, which is only 48.7 %, while the varieties of foreign breeding 20. They are registered in 1996–2016.

The owner of 13 of the 18 varieties of Durum Wheat Winter is The Plant Breeding and Genetics Institute – National Center of Seed and Cultivar Investigation of the NAAS of Ukraine, co-author of two of them («Bosfor» and «Gavan») is Selena ZAT, one variety is foreign selection. These varieties were registered during 2000 - 2017.

Owner of six varieties of Durum Wheat Spring is the Plant Production Institute nd. a. V. Ya. Yuryev of NAAS, three varieties have the V.M. Remeslo Myronivka institute of wheat of Ukraine. Only one grade of this group is foreign. Varieties are entered in the Register in 1999 - 2016.

The registered varieties of Spelt and Soft Wheat Spring and Winter compatible are also Ukrainian selection. The greatest time in the Register are varieties of Soft Wheat Winter «Zbruch» and «Polesskaya 90» (since 1994).

Wheat varieties are recommended for different growing areas of Ukraine.

Key words: *variety, Soft Wheat, Durum Wheat, Spelt, owner, year of registration, growing area.*