



Institute of Genetics, Physiology and Plant Protection

A new variety of winter triticales (*Triticosecale* Witt.) - Costel

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The Costel variety was obtained by hybridizing (Coerulescens 635 x Ciulpan) x Lasco (durum wheat, rye and hexaploid triticales) with individual selection from the F₃ generation. The variety is part of the *Eritrospermum* variety. Spike yellow, cylindrical, without pubescence, length (10.0-12.0 cm) with 28-30 spicules per spike. Long yellow kernels, the 1000 grains are 42-44 g, contains 23-25% gluten and 12.0-14.0% protein. The number of kernels in the spike varies from 42 to 75. The vegetation period is 275-280 days. The plants have a height of 100-120 cm, the number of stems per plant is 2.8-3.0. It is resistant to drought, wintering, fall and disease (brown rust, septoriosis, fusariose). It records a harvest of 5.5-7.5 t/ha, 2.0-2.5 t more than control cultivar Ingen 93. It is recommended sowing at the beginning of October with a seeding rate of 4.5-5.0 million grains per hectare. The cultivation technology is similar to that of common winter wheat. The variety is being tested for the third year in the State Commission for Testing Plant Varieties.



Application. In Agriculture, bakery industry.

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