

TRICAL[®] 2700
(FACULTATIVE TRITICALE)

Applicant: RSI - Resource Seeds, Inc.
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TRICAL[®] 2700 is a facultative triticale for grain and forage. The variety originated as a spike selection from the cross: /836-1 Cinnamon //MS wheat x WRC/triticale Heksa/. Breeder seed was produced by bulking 67 uniform F₆ headrows.

TRICAL[®] 2700 heads approximately 5 days later than TRICAL[®] Victoria triticale, and is approximately 20 cm. taller. The spike of TRICAL[®] 2700, which is erect or slightly recurved, is much more erect than that of TRICAL[®] Victoria.

TRICAL[®] 2700 is adapted for spring planting in the northern U.S. and fall planting in the southern U.S. It has performed well in four years of testing in New York State; initial sales of the variety will be in the Northeastern U.S.

The coleoptile of TRICAL[®] 2700 is white; the young plant is erect and without anthocyanin pigmentation. The plant is green at booting, and the flag leaf is upright to recurved and not twisted. Auricles are glabrous and white. Spikes are mid-dense, oblong, awned, and yellow at maturity. The lower half of the spike is erect, while the upper half tends toward recurved. Glumes are glabrous, long and wide. Kernels are reddish-tan and elliptical.

TRICAL[®] 2700 contains variants for height and spike attitude. The spike of approximately 1 plant per 6000 is inclined, while the spike of the predominant plant type is erect to slightly recurved. Tall variants occur at a frequency of approximately 1 plant per 6500.

Breeder seed will be maintained by periodically increasing the original seed stock under conditions of geographical isolation. Foundation, Registered and Certified classes of seed will be produced from bulk seed of the preceding class. First commercial sale of seed of TRICAL[®] 2700 is expected in the spring of 1993. PVP is being applied for; the option for obligatory certification has not been elected to date, and certified production acreage will not be published.