

PI 559482 **origin:** United States. **developed:** R.R. Duncan, R.M. Waskom, D.R. Miller, G.E. Hanning, D.A. Timm, M.W. Nabors. **origin institute:** Georgia Agr. Exp. Sta., University of Georgia, 1109 Experiment Street, Griffin, Georgia 30223-1797 United States. **cultivar:** GC103. **pedigree:** R10 selection from TCCP75-46 (R2 family). **other id:** T75-46-20. **other id:** GP-359. **source:** Crop Sci. 32(4):1076 1992. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Self-pollinated selection tolerant to 50% aluminum saturation in acid soil stressed environments. Developed using mature embryo explant, tissue culture regeneration procedures and field stress evaluation techniques. Phenotypically similar to the nonregenerated RTx430 (Reg. PL140). Comparable in yield and acid soil tolerance ratings to SC283, and quite superior to the original parent RTx430 when grown under soil stress. Breeding Material. Seed.

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PI 559484. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Graham, Jr., W.D., South Carolina Agr. Exp. Sta., Clemson University, Clemson, South Carolina 29634, United States. **remarks:** Clemson 100 Barley. Received January 10, 1991.