



## Description

Guadalupe Germplasm white tridens (*Tridens albescens* (Vasey) Woot. & Standl.) is a warm season, perennial with blue-green foliage and a white to pinkish tinged spikelet. This selection originates from collections made from native plants growing in the Cross Timbers, Blackland Prairie, Edwards Plateau, Trans Pecos, and South Texas Plains.

Guadalupe Germplasm was cooperatively released in 2019 by the, *Texas Natives Seeds* project. This release is a selected plant material class of certified seed. No breeding, selection or genetic manipulation was carried out on the release. Guadalupe Germplasm includes 5 distinct populations of white tridens, each increased in isolation to maintain genetic diversity of the wild populations.

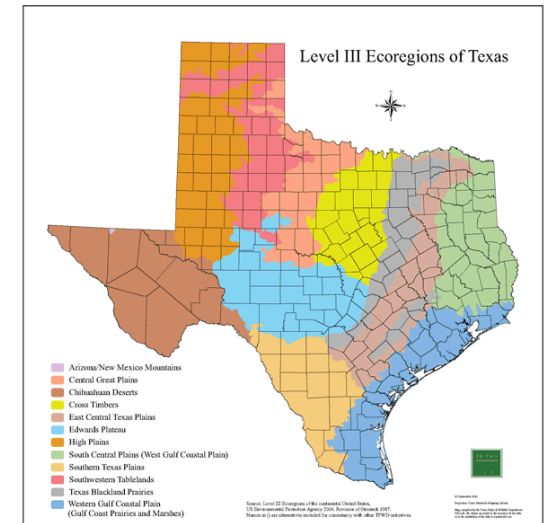
## Uses and Adaptation

Guadalupe Germplasm white tridens is recommended for critical site revegetation, roadside plantings, erosion control, and for inclusion in range seeding mixes. White tridens is a warm season perennial grass that provides quick cover in clay and clay loam soils that are prone to inundation.



Guadalupe Germplasm has shown excellent seed quality and active germination. Best performance of this seed source has been observed on medium to fine textured soils that often receive abundant moisture in the region. The area of known adaptation of Guadalupe Germplasm includes Southern Texas Plains, Coastal Sand Plains, Gulf Coast Prairies and Marshes, Edwards Plateau, Central Great Plains,

Cross Timbers, Chihuahuan Deserts, and Blackland Prairies ecoregions.



## Planting Methods

Seedbed preparation should begin well in advance of planting. Planting can be done in late fall or spring in South Texas. Establish a clean, weed-free seedbed by either tillage or herbicides. Prior to planting, the site should be firm and have accumulated soil moisture.

White tridens can be seeded using a drill or broadcaster. If broadcast seeded, some type of additional coverage such as culti-packing or light dragging is recommended to ensure good seed to soil contact.

Seed should be planted 1/8 to 1/4 inch deep. It is better to plant too shallow than too deep. For calibration purposes, Guadalupe Germplasm white tridens

contains approximately 4,500,000 seeds per bulk pound. A seeding rate of 0.5-1 pounds pure live seed (PLS) per acre is recommended for pure stands, in mixes the seeding rate should be adjusted according to the desired percentage of the plant on the site.

## Management

Areas planted to Guadalupe Germplasm should be deferred from grazing until plants are well established. Established plants should be allowed to produce seed annually, because white tridens readily reseeds itself with minimal soil disturbance.

No severe insect or disease problems have been observed in white tridens once established.

## Availability

Seed of the Guadalupe Germplasm white tridens will be identified by USDA NRCS accession number 9112221. First generation (G0) seed will be produced and maintained by Texas Native Seeds.

## For More Information

Texas Native Seeds  
CKWRI-TAMUK  
MSC 218, 700 University Blvd.  
Kingsville, Texas 78363  
Phone: (361) 593-4525  
<http://ckwri.tamuk.edu/research-programs/south-texas-natives>

or

James E. "Bud" Smith Plant Materials  
Center  
3776 FM 1292  
Knox City, TX 79529  
Telephone: 940-658-3922  
<http://plant-materials.nrcs.usda.gov/stpmc/>

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# Guadalupe Germplasm White tridens

*Tridens albescens* (Vasy) Woot. & Standl.

