

## Description

Goliad Germplasm orange zexmenia [*Wedelia texana* (A. Gray) B.L. Turner] is a composite of seven collections from Val Verde, Starr, Goliad, Webb, Duval, Jim Hogg, and Bexar Counties, Texas. Goliad Germplasm is a cooperative release between the USDA-NRCS Plant Materials Program and *South Texas Natives*. Orange zexmenia is a native, perennial sub-shrub with a mature foliage height ranging from 20 to 40 inches. It produces yellow to yellow-orange flowers from March through December.

## Uses and Adaptation

Orange zexmenia is browsed by white-tailed deer, cattle, sheep, and goats. Bob white quail have been observed eating the seeds. It is also an adult nectar source for butterflies. Goliad Germplasm is recommended for use in upland wildlife plantings, native landscaping, and in range seeding mixes. It also can be used in many types of conservation plantings, such as stream-side buffers and filter strips.

Orange zexmenia is naturally found on varied soil types, brushy sites, and in



open spaces. It is frequent on various soils in openings and partially shaded brushy sites in the Edwards Plateau and Rio Grande Plains. It is less frequent in the Trans Pecos and southeast and north central Texas. It can also be found in northeastern Mexico, southeast to Veracruz and Hidalgo.

Goliad Germplasm has performed well at locations in MLRA 81 (Edwards Plateau), MLRA 83 (Rio Grande Plains), and in MLRA 42 (Trans Pecos). Current testing has not completely substantiated the northern and western limits of its range of adaptation.

## Planting Methods

Orange zexmenia will generally be planted as part of a forb mixture. A seeding rate of 1/3 to 2/3 pound of pure live seed (PLS) per acre is recommended. This corresponds to planting 20 to 40 live seeds per square foot. When planting a mixture, the rate

of orange zexmenia should be reduced according to the total percentage desired in the mixture. There are approximately 140,520 seeds per pound of orange zexmenia.

Seedbed preparation should begin well in advance of planting. Establish a clean, weed-free seedbed by either tillage or non-residual herbicides. Prior to planting, the site should be firm and have accumulated soil moisture. Seeding should occur in early spring, or where there are few cool-season weeds, orange zexmenia can be seeded in the fall.

Goliad Germplasm can be seeded using a grass drill with a small seed box. Broadcast seeding may be used in areas not easily planted with a drill, but additional practices to encourage good seed to soil contact, such as cultipacking, harrowing, etc., may be necessary. Seed should be planted 1/8 to 1/4 inch deep. It is better to plant too shallow than too deep.



## Management

Goliad Germplasm orange zexmenia can be grazed the first year once the stand is established. Contact you local NRCS office to develop a grazing management plan.



## Availability

Goliad Germplasm was released in 2008. Breeder and foundation seed will be maintained by the E. Kika de la Garza Plant Materials Center in conjunction with Texas Foundation Seed Service. Breeder seed may be obtained by contacting the PMC.



## For More Information

Kika de la Garza Plant Materials Center  
3409 North FM 1355  
Kingsville, Texas 78363  
Phone: (361) 595-1313  
<http://plant-materials.nrcs.usda.gov/stpmc/>

or

Plant Materials Specialist  
USDA-NRCS  
WR Poage Federal Building  
101 South Main Street  
Temple, Texas 76501-7682  
Phone: (254) 742-9888

or

South Texas Natives  
CKWRI-TAMUK  
MSC 218, 700 University Blvd.  
Kingsville, Texas 78363  
Phone: (361) 593-5550  
<http://www.southtexasnatives.org>

or

Any USDA Natural Resources Conservation  
Service Office

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer."

Revised August 2008



## Goliad Germplasm

### Orange Zexmenia

*Wedelia texana* (A. Gray)  
B.L. Turner



E. "Kika" de la Garza  
Plant Materials Center  
Kingsville, Texas

