

Texas Native Seed Collection List for West Texas

Common name	Scientific name	Plant functional group	Region	Notes
GRASSES				
sixweeks fescue	<i>Vulpia octoflora</i>	Cool season, annual, early successional grass	CTX, WTX	Found more in Central TX, western Edwards Plateau
Texas bluegrass	<i>Poa arachnifera</i>	Cool season, perennial, mid-late successional grass	CTX, WTX	Moist bottoms, male and female plants, more CTX
Bigelow's bluegrass	<i>Poa bigelovii</i>	Cool season, annual, early successional grass	WTX	Most widespread bluegrass in the Trans Pecos, east to Crockett County, found in arid upland areas in shade
Southwestern needlegrass	<i>Achnatherum eminens</i>	Cool season, perennial	WTX	Most widespread needlegrass in the Trans Pecos, rhizomatous knotty base, open panicle
hairy tridens	<i>Erioneuron pilosum</i>	Warm season, perennial, early successional grass	CTX, WTX	
Mexican sprangletop	<i>Leptochloa fusca</i> ssp. <i>uninerva</i>	Warm season, annual, early successional grass	WTX	Moist sites
gummy lovegrass	<i>Eragrostis curtipedicellata</i>	Warm season, perennial, early successional grass	CTX, WTX	Sandy soils in WTX
plains lovegrass	<i>Eragrostis intermedia</i>	Warm season, perennial, early-mid successional grass	CTX, WTX	
tumble windmillgrass	<i>Chloris verticillata</i>	Warm season, perennial, early successional grass	CTX, WTX	
Arizona cottontop	<i>Digitaria californica</i>	Warm season, perennial, mid-late successional grass	WTX	
fall witchgrass	<i>Digitaria cognata</i>	Warm season, early-mid successional grass	CTX, WTX	Easy to confuse inflorescence with plains lovegrass at first glance
Texas panicum	<i>Urochloa texana</i>	Warm season, annual, early successional	CTX, WTX	
common curly mesquite	<i>Hilaria belangeri</i>	Warm season, perennial, mid-late successional grass	CTX, WTX	Swallen's curly mesquite <i>Hilaria swallenii</i> will be in the tri-county area in the Trans Pecos
buffalograss	<i>Buchloe dactyloides</i>	Warm season, perennial, mid-late successional grass	CTX, WTX	

tumblegrass	<i>Schedonnardus paniculatus</i>	Warm season, perennial, early successional grass	CTX, WTX	
hairy grama	<i>Bouteloua hirsuta</i>	Warm season, perennial, early-mid successional grass	CTX, WTX	
red grama	<i>Bouteloua trifida</i>	Warm season, perennial, early successional grass	CTX, WTX	Shallow limestone, disturbed sites
purple threeawn	<i>Aristida purpurea</i>	Warm season, perennial, early successional grass	CTX, WTX	Currently under evaluation, continue to collect from new areas Multiple varieties, look for var. <i>purpurea</i> (shorter) and var. <i>wrightii</i> (taller)
Plains bristlegrass	<i>Setaria leucopila</i>	Warm season, perennial, mid-late successional grass	CTX, WTX	
Reverchons bristlegrass	<i>Setaria reverchonii</i>	Warm season, perennial, late successional grass	CTX, WTX	Short, knotty rhizomes, limestone hills, gravelly soils in WTX, ssp. <i>Ramiseta</i> Rio Grande bristlegrass to the south
knotroot bristlegrass	<i>Setaria geniculata</i>	Warm season, perennial, early successional grass	CTX, WTX	Limited distribution in WTX, AKA <i>Setaria parviflora</i>
Texas cupgrass	<i>Eriochloa sericea</i>	Warm season, perennial, late successional grass	CTX, WTX	Western Edwards Plateau in WTX, Crockett County east, disappears under grazing
Knotgrass	<i>Paspalum distichum</i>	Warm season, perennial, early successional grass	CTX, WTX	Moist sites, limited in WTX, more CTX
Bush muhly	<i>Muhlenbergia porteri</i>	Warm season, perennial bunchgrass	WTX	Often found in protected areas with shrubs
Sandy muhly	<i>Muhlenbergia arenicola</i>	Warm season perennial bunchgrass	WTX	Found across the Trans Pecos, north of Val Verde – Edwards counties, widespread across all soils, short leaves with large open panicle, most common muhly in WTX
Ear muhly	<i>Muhlenbergia arenacea</i>	Warm season perennial rhizomatous grass	WTX	Low growing rhizomatous perennial, similar in stature to burrograss

Creeping muhly	<i>Muhlenbergia repens</i>	Warm season perennial rhizomatous grass	WTX	Low growing, forms large mats like a turf grass
Mesa dropseed	<i>Sporobolus flexuosus</i>	Warm season perennial bunchgrass	WTX	Widespread throughout the Trans Pecos east to the Monohans sand sheet (Ector, Crane counties), abundant in sandy soils and alluvial flats, culms up to 1 m, rachis drooping, seeds/glumes dark in color
Spike dropseed	<i>Sporobolus contractus</i>	Warm season perennial bunchgrass	WTX	Mostly sandy soils, more abundant western Trans Pecos, differentiate from sand dropseed by narrow spike-like panicle
Bulb panicum	<i>Panicum bulbosum</i>	Warm season perennial bunchgrass	WTX	Canyons and slopes mid to high elevation, moist sites, most abundant large panicum, distinct swollen culm bases
Bristletip wolftail	<i>Lycurus setosus</i>	Warm season perennial bunchgrass	WTX	Abundant and widespread in grasslands and mountains, long awnlike bristle on end of leaf, <i>L. setosus</i> most widespread, <i>L. phleoides</i> thought to be restricted to Culberson County and has shorter bristle
Feather pappusgrass	<i>Enneapogon desvauxii</i>	Warm season perennial bunchgrass, early successional	WTX	Early successional, tightly tufted about 1' tall, pilose at the nodes, spikelike panicle, 9 awns equal in length, east to Crockett County
FORBS / SUBSHRUBS				
ASLEPIADACEAE				
Milkweeds	<i>Asclepias</i> spp.	Warm season, perennial, mid-late successional forbs	CTX, WTX	<i>A. asperula</i> (spider milkweed, antelope horns) <i>A. latifolia</i> (broadleaf milkweed) <i>A. oenotheroides</i> (Zizotes milkweed, Lindheimer's milkweed) and <i>A. subverticillata</i> (horsetail milkweed) most common in WTX
ASTERACEA				
Plains lazy daisy	<i>Aphanostephus ramosissimus</i>	Warm season annual forb	CTX, WTX	2-18" tall, soft pubescent annual, widely branched, partly decumbent, center yellow, petals white to rose to purple

Mexican sagewort	<i>Artemisia ludoviciana</i>	Warm season, perennial, early-mid successional forb	CTX, WTX	Flowers/seeds in the fall, common on road cuts and rocky outcrops in the Trans Pecos, above 2500 ft in the Trans Pecos, more wide spread in CTX
Chocolate flower	<i>Berlandiera lyrata</i>	Warm season perennial forb	WTX	1-2', mounded course gray green foliage, chocolate odor when rays are plucked from flower, many short branches at base with longer leaning branches ending in leafless stalks topped with flowers, flower a yellow ray surrounding a maroon center
Engelmann's daisy Cutleaf daisy	<i>Engelmannia peristenia</i>	Warm season perennial forb	CTX, WTX	Up to 2' tall, woody taproot, densely covered with stiff hairs, leaves 3-12", leaves pinnately divided nearly to midrib, inflorescences several long-peduncled heads, ray flowers dark yellow curling in heat of day, expanding when cool, widespread WTX and CTX
Blanketflowers	<i>Gaillardia</i> spp.	Warm season annual/perennial forb	CTX WTX	- <i>G. pinnatifida</i> (Yellow or slender gaillardia), perennial forb up to 2', leaves pinnately divided, oblanceolate in shape, 6-13 yellow ray flowers purple veined on the underside, cleft into 3 lobes, sphere nearly 1" in center of flower head; sandy, sandy loam, clay loam soils; Trans Pecos northeast to southern rolling plains - <i>G. pulchella</i> (Indian blanket), common annual forb, Trans Pecos to central Texas
Gayfeather	<i>Liatris punctata</i>	Warm season, perennial, mid-late successional forb	CTX, WTX	
Tahoka daisy Tansy aster	<i>Machaeranthera tanacetifolia</i>	Warm season annual forb	WTX	8-15" tall, many-branched bushy annual, sticky-hairy with many dense fern-like alternate leaves, leaves distinctively tipped with a small spine, 1-2" showy flowers, ray flowers violet blue, disc

				flowers bright yellow
Blackfoot daisy	<i>Melampodium leucanthum</i>	Warm season perennial forb	CTX WTX	Rocky, gravelly calcareous or sandy soils, dry slopes
Bush sunflower	<i>Simsia calva</i>	Warm season perennial forb	CTX WTX	Herbaceous from a woody base, coarsely pubescent,, leaves opposite and petioled, both disc and ray flowers yellow to yellow-orange sometimes with purple or red stripes beneath, Trans Pecos to western Edwards Plateau, limestone and sandy soils
Four nerve daisy	<i>Tetranneuris scaposa</i>	Warm season perennial forb	CTX WTX	4-12" tall, multiple branched solitary stem forming a clump, densely to mostly pilose, leaf blades mostly linear, solitary flowers end of a silky leafless stalk, tip of each yellow ray flower three-toothed, four dark purple veins on both sides of the ray, dry calcareous soils
Greenthread Navajo tea Cota	<i>Thelesperma ambiguum / megapotamicum</i>	Warm season perennial forb / subshrub	WTX	Up to 3' tall, rhizomatous, blue-green, sparse threadlike leaves, upper third of stem nearly bare of leaves, ray flowers absent (keys to <i>T. simplicifolium</i> if present), disk corollas deep or brownish yellow, prefers harsh alkali sites
Cowpen daisy	<i>Verbesina encelioides</i>	Warm season annual forb	CTX WTX	1-4' tall, small hairs on leaves give it a grey-green color, leaves opposite or alternate mostly opposite towards the base, triangular in shape, toothed with prominent underside veins, flowers grow singly on tips of leafless stalks, large conspicuous ray flowers 10-15, foliage has unpleasant smell when crushed, disturbed sites mostly sandy soils
Prairie zinnia	<i>Zinnia grandiflora</i>	Warm season perennial forb / subshrub	CTX WTX	Trans Pecos east to the western Edwards Plateau, low growing perennial 6-8", rounded many branched woody subshrub, 1" very narrow leaves, opposite and linear, 3-nerved at least half their length, both disc and ray yellow flowers, flowers remain on plant when dry

BRASSICACEAE				
Fendler's bladderpod	<i>Lesquerella fendleri</i>	Warm season perennial forb	WTX	One of the earliest spring plants to flower in the Trans Pecos, Trans Pecos east to San Angelo and south to Eagle Pass 1-16" tall, tightly tufted but can be sprawling from tuft, multiple branched stems, silvery grey color, bright yellow 1" flowers, small round fruiting pods
Gordon's bladderpod	<i>Lesquerella gordonii</i>	Warm season annual forb	CTX WTX	Trans Pecos east to Edwards Plateau north to the Rolling Plains and Panhandle Not tufted, open appearance, slender stems that lie on the ground turning up at the tips, leaves and stems covered in silvery gray star shaped hairs, flowers yellow less than 0.5", fruit pods less than 0.25", calcareous soils
CHENOPODIACEAE				
Four wing saltbush	<i>Atriplex canescens</i>	Warm season perennial shrub	WTX	Height to 6', dioecious, wide spread across all soil types, saline tolerant, flowers inconspicuous, females plants produce showy clusters of gold-tan four-winged fruit
EUPHORBIACEAE				
Croton	<i>Croton</i> spp.	Warm season, annual, early successional forb	CTX, WTX	<i>C. dioicus</i> (grassland croton) and <i>C. pottsii</i> (leatherweed croton) most common in WTX
Desert myrtlecroton	<i>Bernardia obovata</i>	Warm season perennial shrub	WTX	Height to 3', dioecious, light green alternate oval leaves 0.25-1" long, margins with rounded teeth, leaves and capsules covered with branched hairs, inconspicuous greenish-yellow flowers in small clusters, capsules usually 2-celled with 1-2 seeds,

				widespread in desert scrub, mostly limestone
FABACEAE				
Golden dalea	<i>Dalea aurea</i>	Warm season, perennial, mid-late successional legume	CTX WTX	Trans Pecos east to Edwards Plateau Similar species: - <i>D. jamesii</i> (James' prairie clover) - <i>D. lachnostachys</i> (Glandleaf prairie clover)
Feather dalea	<i>Dalea formosa</i>	Warm season, perennial, legume, subshrub	WTX	Trans Pecos northeast to San Angelo and Abilene
Bearded prairie clover	<i>Dalea pogonathera</i>	Warm season, perennial, legume	WTX	Usually less than 6" tall, inflorescence a spike 2-4", alternate compound leaves, leaflets linear dotted with glands, flowers purple with bristles on the lobes
Bundleflower	<i>Desmanthus</i> spp.	Warm season, perennial, mid-late successional legume	CTX, WTX	Most common in WTX: - <i>D. cooleyi</i> (Cooley bundleflower) - <i>D. glandulosus</i> (Glandular bundleflower) - <i>D. illinoensis</i> (Illinois bundleflower) - <i>D. obtusus</i> (Bluntpod bundleflower) - <i>D. velutinus</i> (Velvet bundleflower)
Milkpea	<i>Galactica</i> spp.	Warm season, perennial, late successional legumes	CTX, WTX	<i>G. wrightii</i> (Wright's milkpea) in WTX, Pecos County west to El Paso, infrequent, igneous grasslands
Scarlet pea	<i>Indigofera miniata</i>	Warm season, perennial, mid successional legume	CTX	Eastern Edwards Plateau
Bush clover	<i>Lespedeza procumbens</i>	Warm season, perennial, legume	CTX	Not found in WTX
Texas snoutbean	<i>Rhynchosia senna</i>	Warm season, perennial, late successional legumes	CTX, WTX	El Paso to the eastern Edwards Plateau, south of I-20

Trailing wild bean	<i>Strophostyles helvola</i>	Warm season, perennial, late successional legumes	CTX	Eastern Edwards Plateau
Deer pea vetch	<i>Vicia ludoviciana</i>	Cool season, annual, early successional legume	CTX, WTX	<i>ssp. ludoviciana</i> in WTX and CTX
MALVACEAE				
Globemallow	<i>Sphaeralcea</i> spp.	Warm season perennial forb	WTX	<p>Five species common in the Trans Pecos:</p> <p>-<i>S. angustifolia</i> Copper globemallow, tall to 5', woody stem, hairy, unlobed toothed long narrow leaves folded on the midrib, variable flower color salmon to pink to orange red</p> <p>-<i>S. coccinea</i> Scarlet globemallow, rarely taller than 1', alternate leaves, leaves lobed with 3-5 fingers, orange flowers</p> <p>-<i>S. hastulata</i> Spear globemallow or orange globemallow, usually shorter than 12", leaves bright green not as hairy of others, leaf shallow lobed at basal end, very long midlobe, flowers rose-orange, one flower per node and no more than 8 per stem</p> <p>-<i>S. incana</i> Grey globemallow, tall to 3-6', multiple erect stems, leaves shallow lobed, plant covered in white-gray hairs, overall silver to grey-green appearance, flowers red to pink, prefers sandy soils and gravelly clay flats</p> <p>-<i>S. leptophylla</i> Scaly globemallow, numerous slender branches, 8-12" tall, flowers reddish orange about 1", silvery scaly pubescence, very narrow leaves</p>
OLEACEAE				
Menodora	<i>Menodora</i> spp.	Warm season perennial forb/subshrub	WTX	<i>M. longiflora</i> (Showy menodora) across the Trans Pecos east to the Colorado River, long tubular

				yellow flowers, most common on limestone <i>M. scabra</i> (Rough menodora) restricted to the Trans Pecos including Val Verde County, most widespread menodora in the Trans Pecos, low clumped habit, variable leaf form, pubescence rough to the touch
ONAGRACEAE				
Evening primrose	<i>Calylophus hartwegii</i> spp. <i>pubescens</i>	Warm season perennial forb	CTX WTX	Shrubby perennial, east to the Colorado River
Scarlet gaura	<i>Gaura coccinea</i>	Warm season perennial forb	WTX	
PLANTAGINACEAE				
Woolly plantain, woolly Indianwheat	<i>Plantago patagonica</i>	Cool season, annual forb	WTX	Annual plantain, east to Crockett County, slender leaves and stems covered with long, dense, silky hairs
SCROPHULARIACEA				
Escobilla butterflybush	<i>Buddleja scordiodes</i>	Warm season, perennial shrub	WTX	Limestone and igneous soils, 2200' to 6500' elevation, up to 10' but usually much shorter, aromatic, narrow leaves, yellow flowers in axillary clusters (beads on a string) at stem apex

Penstemon	<i>Penstemon</i> spp.	Warm season perennial forb-subshrub	CTX WTX	<p>-<i>P. ambiguous</i> Pink plains penstemon, 18-20" shrub, flowers white corolla with pink tinged throat, found in sandy soils some west of the Pecos River primarily sandy country east of the Pecos</p> <p>-<i>P. fendleri</i> Fendler penstemon, widespread to western Edwards Plateau, north to Snyder area, 12-18" tall, slender and erect, plant pale grey-green in color, flowers pink to purple, corolla throat nearly white with purple lines</p> <p>-<i>P. baccharifolius</i>, baccharisleaf beardtongue or cutleaf penstemon, southern Trans Pecos east to Edwards Plateau, a line from Presidio County east to Bandera County, limestone, rocky slopes, 6-24", small toothed leaves, scarlet red flowers with partial white ring at throat</p>
VERBENACEAE				
Purple prairie verbena	<i>Glandularia bipinnatifida</i> var. <i>ciliata</i>	Cool season annual/perennial forb	WTX	Var. <i>ciliate</i> in the Trans Pecos, var. <i>bipinnatifida</i> east to central Texas