

## **Pollinator Habitat Restoration at Camp Bowie Training Center**

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In October 2019, staff of the *Central Texas Native Seed Project* (CTNSP) began a restoration project with the Texas Military Department at the Camp Bowie Training Center in Brown County, Texas. The objective was to increase pollinator plants in a grassland dominated by Texas wintergrass by seeding native forbs and legumes, which are beneficial to both wildlife and pollinator species.

Eighty-five acres were prepared for seeding using mowing and herbicide treatments. In April 2020, a native plant seed mix consisting of 31 different seed entries was seeded using a no-till seed drill. Monitoring will be conducted to determine how well different plant types perform in relation to soil type, planting date, site preparation, location, and seed mixture percentages. Data will be collected during the next year to capture the seasonal differences in cool and warm season plants. Additional information will be collected to evaluate how each plant type performed compared to its relative percentage of the seed mix.

Findings from this study will be used to better understand which native plants work best for a pollinator seed mix in Central Texas. This information will allow CTNSP personnel to make improved seeding recommendations for landowners.

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Native seed mix totaling 275 pounds was applied to 42.5 acres.

<b>Common Name</b>	<b>Seed Variety</b>	<b>Seed Mix(by PLS)</b>
Awnless bushsunflower	Plateau	6.0
Black-eyed susan	-	6.5
Clammyweed	Zapata Rio Grande	18.0
Cowpen daisy	-	0.5
Deer pea vetch	Hoverson Germplasm	7.0
Drummond Phlox	-	1.5
Engelmann daisy	Eldorado	13.5
Greenthread	-	8.2
Gregg's mistflower	-	0.3
Hookers plantain	-	7.0
Illinois bundleflower	Sabine	36.7
Indian blanket	STN	21.2
Lemon mint	-	4.0
Maximillian sunflower	Aztec	8.1
Mexican hat	-	6.5
Orange zexmenia	Goliad Germplasm	5.4
Partridge pea	-	36.2
Plains coreopsis	-	6.5
Prairie acacia	Rio Grande	11.2
Prairie bundleflower	-	2.0
Prairie verbena	-	4.0
Purple coneflower	-	1.5
Purple prairie clover	Cuero	8.1
Redseed plantain	STN-496	8.0
Smooth seeded wildbean	-	3.0
Standing cypress	-	10.1
Texas bluebonnet	-	24.6

Tohoka Daisy	-	0.5
Tropical sage	-	1.2
Zizotes milkweed	Mariposa	0.3



Mowed treatment strips across the 85-acre field of Texas wintergrass.



Herbicide treatments applied to 50% of mowed treatments and undisturbed areas.