

Seed-Spec: A **Native Seed** Blend Development Tool

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The simple yet powerful way to access and use soil data.



Welcome to Web Soil Survey (WSS)



Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service

(NRCS) and provides access to the largest natural resource information system in the world. NRCS has soil maps and data available online for more than 95 percent of the nation's counties and anticipates having 100 percent in the near future. The site is updated and maintained online as the single authoritative source of soil survey information.

Soil surveys can be used for general farm, local, and wider area planning. Onsite investigation is needed in some cases, such as soil quality assessments and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center at the following link: USDA Service Center or your NRCS State Soil Scientist at the following link: NRCS State Soil Scientist.

Four Basic Steps

I Want To...

- Start Web Soil Survey (WSS)
- Know Web Soil Survey Requirements
- Know Web Soil
 Survey operation
 hours
- Find what areas of the U.S. have soil data
- Find information by topic
- Know how to hyperlink from other documents to Web Soil Survey
- Know the SSURGO data structure
- Use Web Soil
 Survey on a mobile device

Announcements/Events

Web Soil Survey
 3.4.0 has been
 released! View
 Web Soil Survey
 release history

General information

Limy Upland 16-21" PZ

General information

Physiographic features

Climatic features

Water features

Soil features

Ecological dynamics

Supporting information

Interpretations

Reference sheet

Print options

HOME / ESD CATALOG / MLRA 077C / ECOLOGICAL SITE R077CY028TX



Q

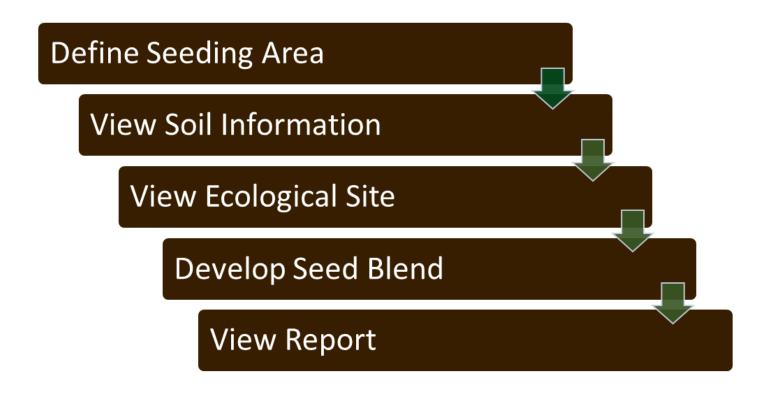
USC METRIC

Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this

Seed-Spec Workflow







Seeding Recommendation, generated 8/30/2022 04:17 PM CDT
Project ID: 0XEG3Vza | Report ID: 0XEG3Vza

Native Blend Selected

Product	Blend [%]	X	PLS Seeding Rate [lb/ac]	=	Blend PLS Seeding Rate [lb/ac]	Blend PLS [lb]
Grama, Sideoats "El Reno" (Bouteloua curtipendula)	30		4.5		1.35	97.37
Grama Blue, "Hachita" (Bouteloua gracilis)	30		1.5		0.45	32.46
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	5		3.4		0.17	12.26
Buffalograss, "Texoka" Primed KN03 (Bouteloua dactyloides)	5		8		0.40	28.85
Arizona Cottontop (Digitaria californica)	0		1.2		0	0
Mesquite-grass, "Vine" (Panicum obtusum)	0		6		0	0
Dropseed, Sand (Sporobolus cryptandrus)	0		1		0	0
Windmillgrass, Hooded "Burnet" (Chloris cucullata)	5		0.7		0.03	2.52
Wheatgrass, Western (Pascopyrum smithii)	5		7		0.35	25.24
Bluestem, Sand "Chet" (Andropogon hallii)	5		6		0.30	21.64
Indiangrass, "Cheyenne" (Sorghastrum nutans)	5		4.5		0.23	16.23
Daisy Engelmann , "Eldorado" (Engelmannia Peristenia)	5		15		0.75	54.1
Gayfeather, Dotted (Liatris punctata)	0		10		0	0
Mexican Hat, "VNS" (Ratibida Columnifera)	5		2		0.10	7.21
Sacaton Alkali (Sporobolus airoides)	0		1		0	0
Switchgrass, "Blackwell" (Panicum virgatum)	5		3.5		0.18	12.62
Saltbush Fourwing (Atriplex canescens)	0		15.5		0	0
Totals	105				4.30	310.51

DISCLAIMER: The Seed-Spec tool utilizes published data from NRCS-USDA and user inputs to develop native seed blends.





Seed-Spec

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