

		MAP LEGEND		
Area of Interest (AOI) Area of Interest (AOI) Oils Soil Rating Polygons Not prime farmland All areas are prime farmland Prime farmland if drained Prime farmland if protected from flooding or not frequently flooded during the growing season Prime farmland if irrigated Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season Prime farmland if irrigated and drained And either protected from flooding or not frequently flooded during the growing season Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season	Prime farmland if subsoiled, completely removing the root inhibiting soil layer Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60 Prime farmland if irrigated and reclaimed of excess salts and sodium Farmland of statewide importance Farmland of statewide importance, if drained Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if irrigated	Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if irrigated and drained Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season Farmland of statewide importance, if warm enough Farmland of statewide importance, if thawed Farmland of local importance, if irrigated	Farmland of unique importance Not rated or not available Soil Rating Lines Not prime farmland All areas are prime farmland if drained Prime farmland if protected from floodir or not frequently flood during the growing season Prime farmland if irrigated Prime farmland if drained and either protected from floodir or not frequently flood during the growing season Prime farmland if irrigated and drained Prime farmland if irrigated and drained Prime farmland if irrigated and either protected from floodir or not frequently flood during the growing season

Farmland Classification—Ellis County, Texas, and Hill County, Texas (Milford Land Soils Farmland)

,e v,e	Prime farmland if subsoiled, completely removing the root	~	Farmland of statewide importance, if drained and either protected from flooding or not frequently	***	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium	~	Farmland of unique importance Not rated or not available	Prime farmland if subsoiled, completely removing the root
~	inhibiting soil layer Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	~	flooding or not frequently flooded during the growing season Farmland of statewide importance, if irrigated and drained	***	Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the	Soil Rat	ting Points Not prime farmland All areas are prime farmland	inhibiting soil layer Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
~ ~ ~ ~	,	~ ~		2 2 2 2				

Farmland Classification—Ellis County, Texas, and Hill County, Texas (Milford Land Soils Farmland)

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
 - Farmland of statewide importance, if irrigated and drained
 - Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
 - Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
 - Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated

- Farmland of unique importance
- Not rated or not available

Water Features

~

Streams and Canals

Transportation

Rails

~

Interstate Highways

~

US Routes

Major Roads

~

Local Roads

Background

900

Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Ellis County, Texas Survey Area Data: Version 20, Aug 30, 2024

Soil Survey Area: Hill County, Texas

Survey Area Data: Version 22, Aug 30, 2024

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 3, 2022—Apr 7, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI			
Br	Broken alluvial land, rarely flooded	Not prime farmland	0.5	0.7%			
НаВ	Houston Black clay, 1 to 3 percent slopes	All areas are prime farmland	3.3	4.7%			
Subtotals for Soil Survey Area			3.7	5.4%			
Totals for Area of Interest			69.5	100.0%			

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI	
48	Houston Black clay, 0 to 1 percent slopes	All areas are prime farmland	21.5	30.9%	
49	Houston Black clay, 1 to 3 percent slopes	All areas are prime farmland	15.6	22.5%	
71	Stephen silty clay, 3 to 5 percent slopes	Not prime farmland	14.5	20.9%	
72	Sunev clay loam, 5 to 15 percent slopes	Not prime farmland	14.1	20.3%	
Subtotals for Soil Surv	vey Area	65.8	94.6%		
Totals for Area of Interest			69.5	100.0%	

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower