

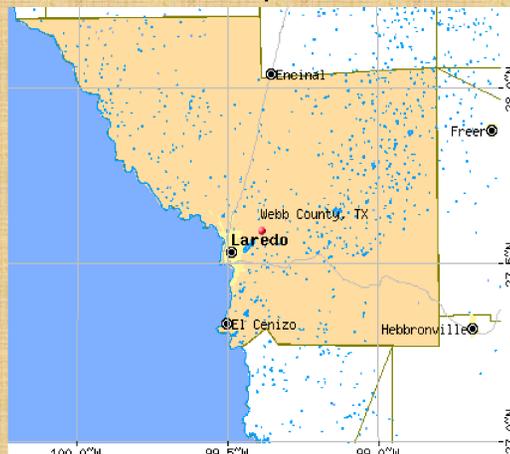
Geographical Characteristics of Webb County Soil

•By: Daniel A. Perez



•Introduction

- The soil characteristics of Webb County.



Webb County, TX. Located in the Southwest Region of Texas. The main city is Laredo and bordered with Mexico.

•Objectives

- To determine the characteristics of soils in Webb County.
- To understand the formation of soil/factors.
- To understand the characteristics of Webb County soil.
- To understand what crops can be grown in Webb County.

•Review of Literature

- The largest percentage of soil type in Webb County is the Maverick-Catarina complex, gently rolling. This soil type accounts for approximately 284,472 acres and covers up 13.2% of the county.
- In Laredo, it consists of deep, well drained, loamy soils on old stream terraces.

•Observations

- The composition of the soil in Webb County is as follows:
 - Different types of soils are located in different parts of Webb County because of water and wind erosion and flooding.
 - The soils in Webb County have a low potential for growing crops. Rainfall is insufficient for dryland farming. It is used for field crops, vegetables, and nursery plants. So, for that reason, the best crops that are known to grow are:

- ❖Cotton (800 to 1,000 pounds lint per acre).
- ❖Grain (75 to 130 bushels per acre).
- ❖Corn (80 to 100 bushels per acre).

•Pictures, Graphs, Tables



Cotton



Grain Sorghum



Corn

Acres and Proportionate Extent of the Soils by County
Webb County, Texas

Map symbol	Map unit name	Webb, TX	Total
		Acres	Area Extent
Ag1	Aguilera sandy clay loam, 0 to 3 percent slopes	122,259	122,259 5.7
Ar	Arroyo clay, frequently flooded	3,874	3,874 0.2
B1	Brunlage fine sandy loam, occasionally flooded	100,000	100,000 4.9
B2	Bryant fine sandy loam, 0 to 3 percent slopes	85,152	85,152 3.7
C1	Cadiz clay, 0 to 2 percent slopes	162,990	162,990 7.8
C2	Cadiz clay, occasionally flooded	26,619	26,619 1.2
C3	Cadiz fine sand, 0 to 3 percent slopes	5,911	5,911 0.3
C4	Cadiz fine sandy loam, 0 to 3 percent slopes	160,067	160,067 8.0
C5	Cadiz-Randall complex, gently undulating	51,122	51,122 2.5
DA	Dams	25	25 -
DB	Dallas loamy fine sand, 0 to 3 percent slopes	14,261	14,261 0.7
DB1	Dallas loamy fine sand, 0 to 3 percent slopes	15,655	15,655 0.7
DB2	Dallas-Randall complex, gently undulating	13,280	13,280 0.6
DB3	Dallas fine sandy loam, 0 to 3 percent slopes	28,255	28,255 1.3
DB4	Dallas fine sandy loam, 0 to 3 percent slopes	110,613	110,613 5.1
DB5	Hidalgo loamy fine sand, 0 to 2 percent slopes	84,282	84,282 3.9
JD	Jarama-Cuamantla complex, undulating	95,178	95,178 4.5
L1	Laguna silt loam, 0 to 1 percent slopes	22,410	22,410 1.0
L2	Laguna silt loam, 1 to 3 percent slopes	4,185	4,185 0.2
L3	Laredo silty clay loam, rarely flooded	2,772	2,772 0.1
M1	Maverick-Catarina complex, gently rolling	284,472	284,472 13.2
M2	Mighty clay loam, 1 to 5 percent slopes	150,168	150,168 7.0
M3	Morland clay, 0 to 2 percent slopes, saline	172,880	172,880 8.0
M4	Morland clay, occasionally flooded	69,389	69,389 3.2
N1	Niles-Rock outcrop complex, dry	2,700	2,700 0.1
N2	Niles-Rock outcrop complex, gently undulating	425	425 -
N3	Niles-Rock outcrop complex, dry	26,614	26,614 1.2
P1	Palafax clay loam, 0 to 3 percent slopes	76,164	76,164 3.5
P2	Pine	410	410 -
P3	Pine Grande very fine sandy loam, occasionally flooded	7,202	7,202 0.3
T1	Tela sandy clay loam, frequently flooded	76,796	76,796 3.6
T2	Torrionuevo, heavy skeletal	359	359 -
V1	Venice fine sandy loam, 1 to 5 percent slopes	32,683	32,683 1.5
V2	Victoria clay, 0 to 3 percent slopes	21,052	21,052 0.9
W	Water	6,127	6,127 0.4
Z1	Zapata-Rock outcrop complex, gently undulating	5,265	5,265 0.2
Total		2,154,163	2,154,163 100.0

- Less than 0.1 percent.

•Conclusion

The Webb County Soil is:

- Made up of mostly the Maverick-Catarina, gently rolling soil.
- Many other types of soil are spread throughout the county.
- With the limits on the rain, the crops that are known to grow in Webb County are cotton, grain, and corn.

•References

- [Soil Survey of Webb County, Texas By: The United States Department of Agriculture.](#)
- [Soil Texture By: R. B. Brown, University of Florida, Institute of Food and Agricultural Sciences.](#)

•Pictures References

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- www.moosecrossinggardencenter.com/.../corn.jpg- Picture of Corn.
- www.plantsci.missouri.edu- Picture of Grain Sorghum.