

Soil Survey of Val Verde County, Texas

TABLE 10.--WATER MANAGEMENT

[Some terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "moderate," and "severe." Absence of an entry indicates that the soil was not evaluated]

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
AcB----- Acuna	Moderate: seepage.	Slight-----	Deep to water	Slow intake, excess lime.	Favorable-----	Excess lime.
AmD----- Amistad	Severe: depth to rock, cemented pan, seepage.	Severe: large stones, thin layer.	Deep to water	Large stones, droughty, depth to rock.	Large stones, depth to rock, cemented pan.	Large stones, droughty, depth to rock.
AsE, ATE*----- Amistad	Severe: depth to rock, cemented pan, seepage.	Severe: large stones, thin layer.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, droughty.
CoB----- Coahuila	Moderate: seepage.	Slight-----	Deep to water	Excess lime----	Favorable-----	Excess lime.
De*----- Dev	Severe: seepage.	Moderate: seepage.	Deep to water	Droughty, floods, excess lime.	Favorable-----	Droughty, excess lime.
ERP*: Ector-----	Severe: depth to rock, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Rock outcrop.						
ERG*: Ector-----	Severe: depth to rock, slope, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Rock outcrop.						
FzG*: Felipe-----	Severe: slope.	Moderate: hard to pack.	Deep to water	Droughty, percs slowly, slope.	Slope, percs slowly.	Slope, droughty, percs slowly.
Zorra-----	Severe: depth to rock, cemented pan, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
HdB----- Hodgins	Moderate: seepage.	Slight-----	Deep to water	Favorable-----	Favorable-----	Favorable.
Ho----- Hodgins	Moderate: seepage.	Slight-----	Deep to water	Floods-----	Favorable-----	Favorable.
JmD*: Jimenez-----	Severe: cemented pan, seepage.	Severe: thin layer.	Deep to water	Droughty, cemented pan, slope.	Cemented pan--	Droughty, cemented pan.
Quemado-----	Severe: cemented pan, seepage.	Severe: thin layer.	Deep to water	Droughty, cemented pan, slope.	Cemented pan--	Droughty, cemented pan.
KTC*: Kavett-----	Severe: depth to rock, seepage, cemented pan.	Severe: thin layer.	Deep to water	Slow intake, depth to rock, cemented pan.	Depth to rock, cemented pan.	Depth to rock, cemented pan.

See footnote at end of table.

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TABLE 10.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
KTC*: Tarrant-----	Severe: depth to rock, seepage.	Severe: thin layer, hard to pack, large stones.	Deep to water	Large stones, slow intake, depth to rock.	Large stones, depth to rock.	Large stones, depth to rock.
LaB----- Lagloria	Moderate: seepage.	Severe: piping.	Deep to water	Favorable-----	Favorable-----	Favorable.
LnD----- Langtry	Severe: depth to rock, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Large stones, depth to rock.	Large stones, droughty, depth to rock.
LnE----- Langtry	Severe: depth to rock, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
LRE*: Langtry-----	Severe: depth to rock, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Rock outcrop.						
LRG*: Langtry-----	Severe: depth to rock, slope, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Rock outcrop.						
Ls----- Laredo	Moderate: seepage.	Moderate: piping.	Deep to water	Favorable-----	Favorable-----	Favorable.
Lv----- Laredo Variant	Moderate: seepage.	Moderate: piping.	Deep to water	Favorable-----	Favorable-----	Favorable.
LZD*: Lozier-----	Severe: depth to rock, seepage.	Severe: thin layer.	Deep to water	Large stones, droughty, depth to rock.	Large stones, depth to rock.	Droughty, depth to rock, excess lime.
Shumla-----	Severe: cemented pan, seepage.	Severe: thin layer.	Deep to water	Depth to rock, cemented pan, slope.	Depth to rock, cemented pan.	Depth to rock, cemented pan.
MaD----- Mariscal	Severe: seepage, depth to rock.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Large stones, depth to rock.	Large stones, droughty, depth to rock.
MLG*: Mariscal-----	Severe: seepage, depth to rock, slope.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Lozier-----	Severe: depth to rock, slope, seepage.	Severe: thin layer, large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
OmD----- Olmos	Severe: cemented pan, seepage.	Severe: thin layer.	Deep to water	Droughty, cemented pan, slope.	Cemented pan--	Droughty, cemented pan, excess lime.
Pn----- Pintas	Moderate: seepage.	Severe: wetness.	Floods-----	Wetness, slow intake, floods.	Wetness-----	Wetness, excess lime.

See footnote at end of table.

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TABLE 10.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Fond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Pt*, Pits						
Ra----- Reynosa	Moderate: seepage.	Moderate: piping.	Deep to water	Excess lime---	Favorable-----	Excess lime.
Rd----- Rio Diablo	Moderate: seepage.	Moderate: hard to pack.	Deep to water	Slow intake---	Favorable-----	Favorable.
Rg, Ro*----- Rio Grande	Severe: seepage.	Severe: piping.	Deep to water	Floods-----	Favorable-----	Favorable.
Rv*, Riverwash						
SsC*: Sanderson-----	Moderate: seepage.	Moderate: large stones.	Deep to water	Droughty, excess lime.	Favorable-----	Excess lime, droughty.
Shumla-----	Severe: cemented pan, seepage.	Severe: thin layer.	Deep to water	Depth to rock, cemented pan, slope.	Depth to rock, cemented pan.	Depth to rock, cemented pan.
SuC----- Shumla	Severe: cemented pan, seepage.	Severe: thin layer.	Deep to water	Depth to rock, cemented pan, slope.	Depth to rock, cemented pan.	Depth to rock, cemented pan.
TAD*----- Tarrant	Severe: depth to rock, seepage.	Severe: thin layer, hard to pack, large stones.	Deep to water	Large stones, slow intake, depth to rock.	Large stones, depth to rock.	Large stones, depth to rock.
ToA----- Tobosa	Slight-----	Severe: hard to pack.	Deep to water	Slow intake, percs slowly.	Percs slowly---	Percs slowly.
VaB----- Valverde	Moderate: seepage, depth to rock.	Moderate: thin layer, piping.	Deep to water	Excess lime---	Favorable-----	Excess lime.
ZaC*: Zapata-----	Severe: cemented pan, seepage.	Severe: thin layer.	Deep to water	Cemented pan, slope, excess lime.	Cemented pan---	Cemented pan, excess lime.
Vinegarroon-----	Severe: seepage, cemented pan.	Severe: thin layer, piping.	Deep to water	Cemented pan, excess lime, slope.	Cemented pan---	Cemented pan, excess lime.
ZoD*: Zorra-----	Severe: depth to rock, cemented pan, seepage.	Severe: thin layer, large stones.	Deep to water	Droughty, depth to rock, large stones.	Depth to rock, cemented pan, large stones.	Large stones, droughty, depth to rock.
Rock outcrop.						
ZoE*, ZRE*: Zorra-----	Severe: depth to rock, cemented pan, seepage.	Severe: thin layer, large stones.	Deep to water	Droughty, depth to rock, large stones.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Rock outcrop.						

* See description of the map unit for composition and behavior characteristics of the map unit.