Albuquerque, New Mexico

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Sheet 1 of 3

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Clayton FO

Date: Feb. 1977

Map Symbol 1	Soil Name 2	Available Moisture-holding Capacity per foot of soil Depth (in.) 3	Shallow Rooted Crops: Moisture Replacement Depth (ft.) 4	Shallow Rooted Crops: Net Moisture to be Replaced (in.) 5	Medium Rooted Crops: Moisture Replacement Depth (ft.) 6	Medium Rooted Crops: Net Moisture to be Replaced (in.) 7	Deep Rooted Crops: Moisture Replacement Depth (ft.) 8	Deep Rooted Crops: Net Moisture to be Replaced (in.) 9	Family Intake Curve Designation Curve No. 10	Recommended Maximum Irrigation Grade Feet per 100 feet 11	Adapted Conservation Irrigation Systems: Level 12	Graded 13	1/ Sprinkler 14	2/ Drip 15	16	17
82	La Brier Silty Clay Loam	1.8														
83 4/	Sherm Silty Clay Loam	1.8 1.8 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.1	B-1.0 F- .5		3/ X	X	X		
44	Vermejo Silty Clay Loam															
21 4/	Torreon Silt Loam	2.0														
41	Colmor Silty Clay Loam	2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.3	B-1.0 F- .5		3/ X	X	X		
92	Manzano Loam															

B - Borders F - Furrows

1/ Puddling may occur when using pivotal sprinklers on .3-.5 intake family soils.
2/ Drip irrigation recommended on orchards or high value row crops only.
3/ Tailwater recovery systems may be used to increase irrigation uniformity.
4/ Caliche layer may be at a shallower depth than shown.

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16	Carnero Loam	2.0 2.0	2.0	2.0	2.0	2.0	2.0	2.0	.3	B-1.0 F- .5		X	X	X		
91 4/	Dioxice Clay Loam	2.0 2.0 2.0	2.0	2.0	3.0	3.0	3.0	3.0	.3	B-1.0 F- .5		3/ X	X	X		
71 33 75	Largo-Quay Loam Texline Loam Berthoud Loam	2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.5	B-1.0 F- .5		3/ X	X	X		
31	Spurlock Loam	1.8 1.8	2.0	1.5	2.0	1.5	2.0	1.5	.5	B-1.0 F- .5		X	X	X		
81 4/ 23 4/	Gruver Loam Capulin Loam	2.0 2.0 2.0 1.8	2.0	2.0	3.0	3.0	4.0	3.5	.5	B-1.0 F- .5		3/ X	X	X		

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61	Dallam Sandy Loam	1.5 1.8	2.0	1.5	3.0	2.5	4.0	3.5	1.0	B-.7 F-.3		3/ X	X	X		
65	Gruver Sandy Loam 4/	1.8 1.8														
62	Dallam Loamy Sand	1.0 1.8 1.8 1.8	2.0	1.0	3.0	2.0	4.0	3.0	1.5	B-.5 F-.3		3/ X	X	X		
67	Spurlock Loamy Sand	1.0 1.8	2.0	1.0	2.0	1.0	2.0	1.0	1.5	B-.5 F-.3		X	X	X		
66	Vingo Loamy Sand	1.0 1.3 1.3 1.3	2.0	1.0	3.0	1.5	4.0	2.0	2.0				X	X		
63	Dailey Loamy Sand	1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	2.0				X	X		
64	Valentine Loamy Sand	1.0 1.0														

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