UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Santa Fe 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
Ao 4/	Ancho Clay Loam-Saline	1.0 1.0 1.0 1.0	2.0	1.0	2.0	1.0	2.0	1.0	.1	B-1.0 F- .5		3/ X	X	X		
An	Ancho Clay Loam	2.2 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.3	B-1.0 F- .5	X	3/ X	X	X		
Ec Ed Ee	El Rancho Sandy Clay Loam	1.8 1.8 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.5	.5	B- .7 F- .4	X	3/ X	X	X		
Eh	El Rancho Sandy Clay Loam-Sandy Subsoil Variant	1.8 1.8 .5 .5	2.0	1.5	3.0	2.0	4.0	2.0	.5	B- .7 F- .4		3/ X	X	X		

B - Borders F - Furrows

1/ Some puddling may occur when using sprinklers on .1-.5 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 if soils allow construction of pit.
4/ High water table may reduce root zone to shallower depth.

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Ft	Fruitland Sandy Clay Loam	1.8 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.5	.5	B-.7 F-.4		3/ X	X	X		
CO	Clovis Loam	2.0 2.0 2.0	2.0	2.0	3.0	3.0	3.0	3.0	.5	B-.7 F-.4		3/ X	X	X		
LB	La Brier Loam	2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.5	B-.7 F-.4	X	3/ X	X	X		
WN	Witt Loam	1.8 2.0 2.0 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.5	B-.7 F-.4	X	3/ X	X	X		
WL	Willard Loam	2.0 2.0	2.0	2.0	2.0	2.0	2.0	2.0	.5	B-.7 F-.4		3/ X	X	X		

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Fn Fr	Fruitland Sandy Loam	1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	1.0	B-.5 F-.3		3/ X	X	X		
Fs 4/	Fruitland Sandy Loam-Saline	1.0 1.0 1.0 1.0	2.0	1.0	2.0	1.0	2.0	1.0	1.0	B-.5 F-.3		3/ X	X	X		
Be	Bluewing Loamy Fine Sand	1.0 1.8 .5 .5	2.0	1.0	3.0	1.5	4.0	1.5	1.5				X	X		
Bf 4/	Bluewing Loamy Fine Sand-Saline	.5 1.0 .5 .5	2.0	.5	2.0	.5	2.0	.5	1.5				X	X		
Bg	Bluewing Gravelly Sandy Loam	1.5 1.8 .5 .5	2.0	1.5	3.0	1.5	4.0	2.0	1.5				X	X		

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