UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Albuquerque FO

Date: Feb. 1977

			Shallow Rooted Crops		Medium Rooted Crops		Deep Rooted Crops				Adapted Conservation Irrigation Systems					
Map Symbol 1	Soil Name 2	Available Moisture-holding Capacity per foot of soil Depth (in.) 3	Moisture Replacement Depth (ft.) 4	Net Moisture to be Replaced (in.) 5	Moisture Replacement Depth (ft.) 6	Net Moisture to be Replaced (in.) 7	Moisture Replacement Depth (ft.) 8	Net Moisture to be Replaced (in.) 9	Family Intake Curve Designation Curve No. 10	Recommended Maximum Irrigation Grade Feet per 100 feet 11	Level 12	Graded 13	1/ Sprinkler 14	2/ Drip 15	16	17
Ar 4/	Armijo Clay Loam	2.0 1.8 1.8 1.8	2.0	1.0	3.0	1.5	4.0	2.0	.1	B-1.0 F- .5		3/ X	X	X		
Gs	Glendale Clay Loam Slightly Saline	1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.1	B-1.0 F- .5	X	3/ X	X	X		
Ag	Agua Silty Clay Loam	2.2														
An	Anapra Silt Loam	2.0 .7	2.0	2.0	3.0	2.0	4.0	2.5	.3	B-1.0 F- .5		3/ X	X	X		
Ao	Anapra Silty Clay Loam	.7														
Gc	Gila Loam, Slightly Saline	1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	2.5	.3	B-1.0 F- .5	X	3/ X	X	X		
Gd	Gila Loam, Mod. Alkali	1.2														

1/ Puddling may occur when using sprinklers on .1-.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 if soils permit building of pit.
4/ Variable high water tables and textures may affect irrigation recommendations.

B - Borders F - Furrows

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Ge	Gila Clay Loam	2.0 1.8 1.8 1.6	2.0	1.5	3.0	2.5	4.0	3.5	.3	B-1.0 F- .5	X	3/ X	X	X		
Gk	Glendale Loam	2.0 2.2 2.2 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		
Gm	Glendale Clay Loam	2.2 2.2 2.2 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		
Af	Agua Loam	2.0 2.0 .7 .7	2.0	2.0	3.0	2.0	4.0	2.5	.5	B- .7 F- .4		3/ X	X	X		
Gb	Gila Loam	2.0 1.8 1.8 1.6	2.0	1.5	3.0	2.5	4.0	3.5	.5	B- .7 F- .4	X	3/ X	X	X		

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2/ Drip irrigation recommended on orchards or high value row crops only.
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Vc	Vinton Clay Loam	2.2 1.0 1.0 .8	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.4	X	3/ X	X	X		
GA	Gila Fine Sandy Loam	1.6 1.8 1.8 1.6	2.0	1.5	3.0	2.5	4.0	3.0	.75	B-.5 F-.3	X	3/ X	X	X		
GF	Gila Complex Mod. Alkali	.5 1.0 1.0 1.0	2.0	.5	3.0	1.0	4.0	1.5	.75	B-.5 F-.3		3/ X	X	X		
Ah 4/	Agua Loam, Wet Variant	1.0 .5 .5 .5	2.0	.5	2.5	.5	2.5	.5	1.0	B-.5 F-.3		3/ X	X	X		
Bs	Brazito Silty Clay Loam	2.0 .6 .6 .6	2.0	1.0	3.0	1.5	4.0	1.5	1.0	B-.5 F-.3		3/ X	X	X		

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SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

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VbA VBB	Vinton Sandy Loam	1.4 1.0 1.0 .8	2.0	1.0	3.0	1.5	4.0	2.0	1.0	B-.5 F-.3		3/ X	X	X		
BcA	Bluepoint Loamy Fine Sand	.8 .8 .8 .8	2.0	1.0	3.0	1.5	4.0	2.0	1.5				X	X		
Bt 4/	Brazito Complex	1.5 .6 .6 .6	2.0	1.0	3.0	1.0	4.0	1.5	1.5				X	X		
Br	Brazito Fine Sandy Loam	1.5 .6 .6 .6	2.0	1.0	3.0	1.0	4.0	1.5	1.5				X	X		
Va	Vinton Loamy Sand	.8 1.0 1.0 .8	2.0	.5	3.0	1.0	4.0	1.5	1.5				X	X		

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VF 4/	Vinton and Brazito Soils-Occ. Flooded	1.0 .6 .6 .6	2.0	.5	3.0	1.0	4.0	1.0	1.5				X	X		

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