UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

Date: Feb. 1977

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Los Lunas FO

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
Bf 5/	Belen Clay Loam	1.8 1.5 1.5 1.0	2.0	1.5	3.0	2.0	4.0	2.5	.1	B-1.0 F- .5	X	3/ X	X	X		
Be 5/	Belen Loam	1.5 1.5 1.5 1.0	2.0	1.5	3.0	2.0	4.0	2.5	.1	B-1.0 F- .5	X	3/ X	X	X		
Bg 5/	Belen Clay Loam-Mod. Alkali	1.8 1.8 1.8 1.5	2.0	1.5	3.0	2.5	4.0	3.0	.1	B-1.0 F- .5		3/ X	X	X		
Lr	Largo Silty Clay Loam	2.2 2.2 2.2 2.2	2.0	2.0	3.0	3.0	4.0	4.0	.1	B-1.0 F- .5	X	3/ X	X	X		
Aw 5/	Armijo Clay	1.0 1.0 1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	.1	B-1.0 F- .5	X	3/ X	X	X		

1/ Some puddling may occur when using sprinklers on .1-.5 intake family soils. B - Borders F - Furrows
2/ Drip irrigation recommended on orchards or high value row crops only.
3/ Tailwater recovery systems may be used to increase uniformity of irrigation if soils permit building of pit.
4/ High water table limits root zone to depths shown, or shallower.
5/ Available moisture may vary depending on salinity.

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Gt	Glendale Soils-Slightly Saline	1.5	2.0	1.5	3.0	2.0	4.0	2.5	.1	B-1.0 F- .5		3/ X	X	X		
Gn	Gila Clay Loam-Mod. Alkali	1.5 1.5 1.2														
Gm	Gila Clay Loam Slightly Saline															
Gr	Glendale Loam-Strongly Alkali	1.0	2.0	1.0	3.0	1.5	4.0	2.0	.1	B-1.0 F- .5		3/ X	X	X		
Gg	Gila Loam-Strongly Alkali	1.0														
Gh	Gila Loam-Strongly Saline and Alkali															

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Au	Armijo Loam-Mod. Alkali	1.8	2.0	1.5	3.0	2.0	4.0	3.0	.1	B-1.0 F-.5		3/ X	X	X		
Ay	Armijo Clay-Slightly Saline	1.5 1.5 1.5														
Am	Agua Clay Loam	2.2 2.0	2.0	2.0	3.0	2.5	4.0	2.5	.3	B-1.0 F- .5		3/ X	X	X		
At	Anapra Clay Loam	.7 .7														
Ah 4/	Agua Loam-Slightly Saline	1.5 1.5	2.0	1.5	3.0	1.5	3.0	1.5	.3	B-1.0 F- .5		3/ X	X	X		
Ak 4/	Agua Loam-Mod. Alkali	.5 .5														

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Gk	Gila Clay Loam	2.2 1.8 1.8 1.6	2.0	2.0	3.0	2.5	4.0	3.5	.3	B-1.0 F- .5	X	3/ X	X	X		
Ge Gf	Gila Loam-Slightly Saline Gila Loam-Mod. Alkali	1.5 1.5 1.5 1.2	2.0	1.5	3.0	2.0	4.0	2.5	.3	B-1.0 F- .5		3/ X	X	X		
Gs	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		
Go	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		

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La LG	Largo Loam	1.8 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		
Ag	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		
Gc	Gila Loamy Fine Sand-Strongly Alkali	.5 1.0	2.0	1.0	3.0	1.0	4.0	2.0	.5	B- .7 F- .4		3/ X	X	X		
Gd	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		
Vk 4/	Vinton Loam-Mod. Alkali and Saline	1.5 .8 .8 .5	2.0	1.0	3.0	1.5	3.5	1.5	.5	B- .7 F- .4		3/ X	X	X		

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Vm	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		3/ X	X	X		
Vo	Vinton Loam-Loamy Subsoil Variant	1.8 1.8 1.0 2.2	2.0	1.5	3.0	2.0	4.0	3.0	.5	B-.7 F-.4	X	3/ X	X	X		
Vt	Vinton Clay Loam-Loamy Subsoil Variant	2.2 1.8 1.0 2.2	2.0	2.0	3.0	2.5	4.0	3.5	.5	B-.7 F-.4	X	3/ X	X	X		
Bw	Brazito Sandy Clay Loam-Thick Surface	1.8 .6 .6 .6	2.0	1.0	3.0	1.5	4.0	1.5	.75	B-.5 F-.3		3/ X	X	X		

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Bx 4/	Brazito Sandy Clay Loam- Thick Surface- Mod. Saline	1.0 .5 .5 .5	2.0	.5	2.0	.5	2.0	.5	.75	B-.5 F-.3		3/ X	X	X		
Ga	Gila Loamy Fine Sand	1.0 1.8 1.8 1.6	2.0	1.0	3.0	2.0	4.0	3.0	.75	B-.5 F-.3		3/ X	X	X		
Vf	Vinton Loamy Fine Sand- Mod. Alkali	.8 .8 .8 .5	2.0	.5	3.0	1.0	4.0	1.5	.75	B-.5 F-.3		3/ X	X	X		
Vg	Vinton Loam	1.8 1.0 1.0 .8	2.0	1.0	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		3/ X	X	X		
Vh	Vinton Loam- Slightly Saline	1.5 1.0 1.0 .8	2.0	1.0	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		3/ X	X	X		

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Vn 4/	Vinton Loamy Fine Sand-Loamy Subsoil Variant	1.0 1.8 1.0 2.2	2.0	1.0	3.0	1.5	3.5	2.5	.75	B-.5 F-.3		3/ X	X	X		
Br	Bluepoint Sandy Clay Loam	1.0 .8 .8 .8	2.0	.5	3.0	1.0	4.0	1.5	1.0	B-.5 F-.3		3/ X	X	X		
Bv	Brazito Soils-Mod. Alkali	1.0 .5 .5 .5	2.0	.5	3.0	1.0	4.0	1.0	1.0	B-.5 F-.3		3/ X	X	X		
Vd	Vinton Loamy Fine Sand	1.0 1.0 1.0 .8	2.0	1.0	3.0	1.5	4.0	1.5	1.0	B-.5 F-.3		3/ X	X	X		
Ve 4/	Vinton Loamy Fine Sand-Slightly Saline	.8 .8 .8 .5	2.0	.5	3.0	1.0	4.0	1.5	1.0	B-.5 F-.3		3/ X	X	X		

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Bm	Bluepoint Loamy Fine Sand	.8 .8 .8 .8	2.0	.5	3.0	1.0	4.0	1.5	1.5	B-.3 F-.2			X	X		
Bu	Brazito Loamy Fine Sand	.8 .6 .6 .6	2.0	.5	3.0	1.0	4.0	1.5	2.0				X	X		

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