UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Lordsburg FO

Date: Dec. 1976

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 (3/)	16	17
Hs HN	Hondale Complex Hondale Soils	1.0 1.2 1.0 .8	2	1.0	3	1.5	4	2.0	.1	B-1.0 F- .75	4/ X	4/ X	X	X		
Mg	Mimbres and Glendale Silty Clay Loam-Strongly Alkali	.5 .5 .5 .5	2	.5	3	.5	4	1.0	.1	B-1.0 F- .75	4/ X	4/ X	X	X		
Vm Vn	Verhalen Silty Clay Loam	2.0 1.8 1.8 1.8	2	1.5	3	2.5	4	3.5	.1	B-1.0 F- .75	X	X	X	X		

B - Borders F - Furrows

1/ Tailwater recovery systems may be used to increase irrigation uniformity.
2/ Puddling may occur when using pivotal sprinklers on soils in .1-.5 intake family. Sprinklers not recommended for irrigation water with EC greater than 2500.
3/ Drip irrigation recommended for orchards or high value crops only.
4/ Leveling limited by unsuitable subsoil materials and/or salt accumulations.

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Me	Mimbres and Glendale Silty Clay Loam-Alkali	1.0	2	1.0	3	1.5	4	2.0	.1	B-1.0 F- .75	4/ X	4/ X	X	X		
Vs	Verhalen Silty Clay Loam-Alkali	1.0														
VT		1.0														
Fr	Frye Loam	2.0 2.2	2	2.0	2	2.0	2	2.0	.3	B-1.0 F- .75	4/ X	X	X			

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Gc	Glendale Silty Clay Loam															
Mc MD	Mimbres and Glendale Silty Clay Loam	2.0 2.0 2.0 2.0	2	2.0	3	3.0	4	4.0	.3	B 1.0 F- .75	X	X	X	X		
Ua	Ubar Silt Loam															
UC	Ubar Soils															
Gm	Grabe Silty Clay Loam	2.2 2.0 2.0 2.0	2	2.0	3	3.0	4	4.0	.3	B-1.0 F- .75	X	X	X	X		
Ve	Vekol Silty Clay Loam	2.0 1.8 2.0 2.0	2	1.5	3	2.5	4	3.5	.3	B-1.0 F- .75	X	X	X	X		

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Vc	Vekol Sandy Clay Loam	1.8 1.8 2.0 2.0	2	1.5	3	2.5	4	3.5	.3	B-1.0 F- .75	X	X	X	X		
Sr SS St	Stellar Sandy Loam Stellar Silty Clay Loam	1.8 1.8 1.8 1.8	2	1.5	3	2.5	4	3.5	.3	B-1.0 F- .75	X	X	X	X		
Ge Gb Mb	Grabe Loam Gila Loam Mimbres and Glendale Loams	2.0 2.0 2.0 2.0	2	2.0	3	3.0	4	4.0	.5	B-1.0 F- .75	X	X	X	X		

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Mh Mk Mo	Mohave Sandy Clay Loam	2.0 2.2 1.8 1.8	2	2.0	3	3.0	4	3.5	.5	B-1.0 F- .75	X	X	X	X		
GA	Gila Sandy Loam	1.8 2.0 2.0 2.0	2	1.5	3	2.5	4	3.5	.5	B-1.0 F- .75	X	X	X	X		
Th TR	Tres Hermanos Gravelly Clay Loam	2.0 2.0 2.0	2	2.0	3	3.0	3	3.0	.5	B-1.0 F- .75	4/ X	X	X			
Bb	Berino Sandy Loam	1.4 1.8 1.8	2	1.5	3	2.5	3	2.5	.5	B-1.0 F- .75		4/ X	X	X		
Ja JL	Jal Loam	1.8	1	.5	1	.5	1	.5	.5	B-1.0 F- .75		X 4/	X	X		
Sn	Sonoita Sandy Loam	1.5 1.5 1.5 .5	2	1.5	3	2.0	4	2.5	1.0	B-1.0 F- .75	X	X	X	X		

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Cm	Comoro Fine Sandy Loam	1.6 1.4 .6 .6	2	1.5	3	1.5	4	2.0	1.0	B-.75 F-.5	X	X	X	X		
Co	Comoro Gravelly Loam	1.6 1.2 .5 .5	2	1.0	3	1.5	4	1.5	1.0	B-.75 F-.5	4/ X	4/ X	X	X		
Ma	Maricopa Loamy Sand	1.2 1.5 .5 .5	2	1.0	3	1.5	4	1.5	1.0	B-.75 F-.5	4/ X	4/ X	X	X		
Ng	Nickel Gravelly Loam	1.6	1	.5	1	.5	1	.5	1.0	B-.75 F-.5		4/ X	X	X		
Ar	Arizo Gravelly Sandy Loam	.7 .5 .5 .5	2	.5	3	.5	4	1.0	1.5	B-.75 F-.5	4/ X	4/ X	X	X		

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YY	Yturbide Loamy Sand-Heavy Subsoil Variant	1.8 .8 1.8 1.8	2	1.0	3	2.0	4	3.0	1.5	B-.75 F-.5	X	X	X	X		
Yb	Yturbide Gravelly Loamy Sand	.5 .5 .5 .5	2	.5	3	.5	4	1.0	2.0	B-.75 F-.5		X	X	X		

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50-30	Brazito Fine Sandy Loam	1.8 .8 .8 .8	2	1.0	3	1.5	4	2.0	1.5	.3	3/ X	3/ X	X	X		
54B-25 54E-26	Bluepoint Loamy Sand	1.0 1.0 1.0 1.0	2	1.0	3	1.5	4	2.0	1.5	B-.5 F-.3	3/ X	3/ X	X	X		
154-32	Canutio and Arizo Gravelly Sandy Loam	.4 .4 .4 .4	2	.5	3	.5	4	.5	2.0	B-.5 F-.3	3/ X	3/ X	X	X		
55-29	Brazito Loamy Fine Sand	1.2 .8 .8 .8	2	1.0	3	1.0	4	1.5	2.0	.3	3/ X	3/ X	X	X		

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