Albuquerque, New Mexico

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Clovis 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
Pe Pg Pk	Pullman Loam	2.1 2.1 2.1	2.0	2.0	3.0	3.0	3.0	3.0	.3	B-1.0 F- .5		3/ X	X	X		
Ad Ae	Amarillo Loam	2.0 2.1 2.1 2.1	2.0	2.0	3.0	3.0	4.0	4.0	.5	B-1.0 F- .5		3/ X	X	X		
Cd Ce	Clovis Loam	2.0 2.0 2.0	2.0	2.0	2.5	2.5	2.5	2.5	.5	B- .7 F- .4		3/ X	X	X		
Md Me Mg	Mansker Loam	1.8 2.0 2.0	2.0	1.5	2.5	2.0	2.5	2.0	.75	B- .7 F- .4		3/ X	X	X		
Ab Ae	Amarillo Fine Sandy Loam	1.5 2.0 2.0 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.75	B- .7		3/ X	X	X		

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.

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Cb Cc	Clovis Fine Sandy Loam	1.5 2.0 2.0	2.0	1.5	3.0	2.5	3.0	2.5	.75	B-.7 F-.4		3/ X	X	X		
Pa Pb Pc Pd	Potter Soils	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.75	B-.7 F-.4		X	X	X		
Am Ma Mb Mc	Arch Fine Sandy Loam Mansker Fine Sandy Loam	1.5 2.0	1.5	1.0	1.5	1.0	1.5	1.0	1.0	B-.7 F-.4		X	X	X		
Ag Ah	Amarillo Loamy Fine Sand	1.0 1.8 1.8 1.8	2.0	1.0	3.0	2.0	4.0	3.0	1.0	B-.5 F-.3		3/ X	X	X		
Cg Ch Ck	Clovis Loamy Fine Sand	1.0 1.8 1.8	2.0	1.0	3.0	2.0	3.0	2.0	1.0	B-.5 F-.3		3/ X	X	X		

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An	Arch Loamy Fine Sand	1.0														
Mh	Mansker Loamy Fine Sand	1.8	1.5	1.0	1.5	1.0	1.5	1.0	1.5	B-.5 F-.3		X	X	X		
Sa	Springer Loamy Fine Sand	1.0														
Sb		1.5	2.0	1.0	3.0	2.0	4.0	2.5	2.0				X	X		
Dr	Drake Soils															
Ba	Brown-field Fine Sand	.7														
Bb		.7	2.0	.5	3.0	1.5	4.0	2.5	2.0				X	X		
		2.0														
		2.0														
Ta	Tivoli Fine Sand	.7														
		.7	2.0	.5	2.0	.5	2.0	.5	2.0				X	X		
		.7														
		.7														

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