UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE T or C FO

Date: March, 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 3/ 13	Sprinkler 1/ 14	Drip 2/ 15	16	17
2221/A 2221/B 2221b/A 3221/A 3221/B 3331/A 3331/B 33J1/A 33J1/B		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- .7	X	X	X	X		
2231/A 2231b/A		2.2 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.1	B-1.0 F- .7	X	X	X	X		
1111/A		2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.1	B-1.0 F- .7	X	X	X	X		
2221S1 2231A1	4/	1.8 1.8 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.5	.1	B-1.0 F- .7		X	X	X		

1/ Puddling may occur when using sprinklers on .1-.5 intake family soils. F - Furrows B - Borders
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.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE T or C FO

Date: March, 1977

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2321A1 2321S1 2331A1 2331S1	4/	1.8 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.1	B-1.0 F- .7		X	X	X		
3111A1 3131A1 3221A1 3221S1 3231A1 3231S1 3321A1 3321S1	4/	1.5 1.8 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.5	.1	B-1.0 F-..7		X	X	X		
3331 A1W1	4/	1.5 1.0	2.0	1.0	2.0	1.0	2.0	1.0	.1	B-1.0 F- .7		X	X	X		
02221/A 02221/B		2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.3	B-1.0 F- .7		X	X	X		
2321/A 2331/A 2331b/A		2.2 1.8 1.8 1.8	2.0	2.0	3.0	2.5	4.0	3.5	.3	B-1.0 F- .7	X	X	X	X		

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SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE T or C FO

Date: March, 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 (3/)	Sprinkler 14 (1/)	Drip 15 (2/)	16	17
2341/A 2241/A 2241b/A		2.2 1.8 1.5 1.5	2.0	2.0	3.0	2.5	4.0	3.5	.3	B-1.0 F- .7	X	X	X	X		
22J2/A 33J2/A		2.2 2.2 .5 .5	2.0	2.0	3.0	2.5	4.0	2.5	.3	B-1.0 F- .7		X	X	X		
3221/A 3221/B 3231/A 32J1/A		1.8 2.0 2.0 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.3	B-1.0 F- .7	X	X	X	X		
3321/A 3321/B		1.8 1.8 2.0 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.3	B-1.0 F- .7	X	X	X	X		
3331/A 3331/B 3331b/A 3331b/B 33J1/A 33J1/B		1.8 1.8 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.5	.3	B-1.0 F- .7	X	X	X	X		

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3341/A 3341/B 3341b/A		1.8 1.8 1.5 1.5	2.0	1.5	3.0	2.5	4.0	3.0	.3	B-1.0 F- .7	X	X	X	X		
2441S1W1 2441W1	4/	1.8 1.0	2.0	1.0	2.0	1.0	2.0	1.0	.3	B-1.0 F- .7		X	X	X		
3331S1	4/	1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.3	B-1.0 F- .7		X	X	X		
33P2W1	4/	1.5 1.5	2.0	1.5	2.0	1.5	2.0	1.5	.3	B-1.0 F- .7		X	X	X		
33P3W1 33P3W2 3PW2	4/	1.5	1.0	.5	1.0	.5	1.0	.5	.3	B-1.0 F- .7		X	X	X		
03331/A 03331/B 03331/C		1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.5	B-.7 F-.5		X	X	X		

B - Borders F - Furrows

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SOIL INTERPRETATIONS FOR IRRIGATION IN THE T or C FO

Date: March, 1977

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0333IK/B		1.0 1.5 1.5 1.5	2.0	1.0	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
23J2/A		2.2 1.8 .5 .5	2.0	2.0	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
033H2/A 033H2/B		1.5 1.5 .7 .7	2.0	1.5	3.0	1.5	4.0	2.0	.5	B-.7 F-.5		X	X	X		
3351/A		1.8 1.8 1.0 1.0	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
33J2/A 33J2/B		1.8 1.8 .5 .5	2.0	1.5	3.0	2.0	4.0	2.0	.5	B-.7 F-.5		X	X	X		

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UNITED STATES DEPARTMENT OF AGRICULTURE
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SOIL INTERPRETATIONS FOR IRRIGATION IN THE T or C FO

Date: March, 1977

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23P2S1	4/	1.8 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.5	B-.7 F-.5		X	X	X		
033H3/B		1.5 .7 .7 .7	2.0	1.0	3.0	1.5	4.0	1.5	.75	B-.5 F-.3		X	X	X		
034J2/A		1.5 1.0 .5 .5	2.0	1.0	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		X	X	X		
033J3/A		1.5 1.5 .5 .5	2.0	1.5	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		X	X	X		
04331/A 04331/B		1.0 1.5 1.5 1.5	2.0	1.0	3.0	2.0	4.0	2.5	.75	B-.5 F-.3		X	X	X		

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SOIL INTERPRETATIONS FOR IRRIGATION IN THE T or C FO

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33H3/B		1.8 .7 .7 .7	2.0	1.0	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		X	X	X		
33J3/A 33J3/B		1.8 .5 .5 .5	2.0	1.0	3.0	1.0	4.0	1.5	.75	B-.5 F-.3		X	X	X		
3441/A		1.8 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.75	B-.5 F-.3		X	X	X		
3451/A		1.8 1.5 1.0 1.0	2.0	1.5	3.0	2.0	4.0	2.5	.75	B-.5 F-.3		X	X	X		
34J2/A		1.8 1.0 .5 .5	2.0	1.0	3.0	1.5	4.0	1.5	.75	B-.5 F-.3		X	X	X		

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4241/A		1.5 2.0 1.5 1.5	2.0	1.5	3.0	2.5	4.0	3.0	.75	B-.5 F-.3		X	X	X		
4331/A		1.5 1.8 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.5	.75	B-.5 F-.3		X	X	X		
2441S1	4/	1.8 1.0 1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		X	X	X		
3431S1 3441S1	4/	1.5 .8 .8 .8	2.0	1.0	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		X	X	X		
3441S1W1 34P2S1	4/	1.5 .8	2.0	1.0	2.0	1.0	2.0	1.0	.75	B-.5 F-.3		X	X	X		
3441S1W2	4/	1.5	1.0	.5	1.0	.5	1.0	.5	.75	B-.5 F-.3		X	X	X		

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03J1/A 03J/B 033J3/B		1.5 .5 .5 .5	2.0	1.0	3.0	1.0	4.0	1.5	1.0	B-.3 F-.3		X	X	X		
04441/A 04441/B 044H1/B		1.0 1.0 1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	1.0	B-.3 F-.3		X	X	X		
43J2/A		1.5 1.8 .5 .5	2.0	1.5	3.0	1.5	4.0	2.0	1.0	B-.3 F-.3		X	X	X		
4441/A 4441/B		1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	1.0	B-.3 F-.3		X	X	X		
4451/A		1.5 1.5 1.0 1.0	2.0	1.5	3.0	2.0	4.0	2.5	1.0	B-.3 F-.3		X	X	X		

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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

Date: March, 1977

SOIL INTERPRETATIONS FOR IRRIGATION IN THE T or C FO

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4431S1 4441S1	4/	.8 .8 .8 .8	2.0	.5	3.0	1.0	4.0	1.5	1.0	B-.3 F-.3		X	X	X		
044H3/A		1.0 .7 .7 .7	2.0	.5	3.0	1.0	4.0	1.5	1.5				X	X		
044J2/A		1.0 1.0 .5 .5	2.0	1.0	3.0	1.0	4.0	1.5	1.5				X	X		
044J3/A 044J3/B 04J/A 04J/B		1.0 .5 .5 .5	2.0	.5	3.0	1.0	4.0	1.0	1.5				X	X		
43J3/A 44J3/A		1.5 .5 .5 .5	2.0	1.0	3.0	1.0	4.0	1.5	1.5				X	X		

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44J2/A 44P2/A		1.5 1.5 .5 .5	2.0	1.5	3.0	1.5	4.0	2.0	1.5				X	X		
44P2S1		.8 .8 .2 .2	2.0	.5	3.0	.5	4.0	1.0	1.5				X	X		
44P3A1		.8 .2 .2 .2	2.0	.5	3.0	.5	4.0	.5	1.5				X	X		
45J2/A		1.5 1.0 .5 .5	2.0	1.0	3.0	1.5	4.0	1.5	2.0				X	X		
54J2/A		1.0 1.5 .5 .5	2.0	1.0	3.0	1.5	4.0	1.5	2.0				X	X		

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5551/A		1.0 1.0 1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	2.0				X	X		
55J3/A		1.0 .5 .5 .5	2.0	.5	3.0	1.0	4.0	1.0	2.0				X	X		

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