UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

Date: March, 1977

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Reserve-Quemado 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 (3/)	Sprinkler 14 (1/)	Drip 15 (2/)	16	17
1111/AW	4/	1.0 1.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	.1			X	X		
21H2/C		2.2 2.2 1.0 1.0	2.0	2.0	3.0	2.5	4.0	3.0	.1	B-1.0 F- .7		X	X	X		
21H1/C 22J1/B 2221/A 2221/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 2231/B 2121/B 2131/C		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		
2111A1	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		

B - Borders F - Furrows

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.

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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	3/ Graded 13	1/ Sprinkler 14	2/ Drip 15	16	17
2221/A-A1	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		
22H2/B		2.2 2.2 1.0 1.0	2.0	2.0	3.0	2.5	4.0	3.0	.1	B-1.0 F- .7		X	X	X		-
3111/B		1.8 2.0 2.0 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.1	B-1.0 F- .7	X	X	X	X		
2221/B-N4	4/	1.5	1.0	.5	1.0	.5	1.0	.5	.1				X	X		
22J2/B		2.2 2.2 .8 .8	2.0	2.0	3.0	2.5	4.0	3.0	.3	B-1.0 F- .7		X	X	X		
22P2/A		2.2 2.2 .5 .5	2.0	2.0	3.0	2.0	4.0	2.5	.3	B-1.0 F- .7		X	X	X		

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2331/A 2331/B 23H1/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		
2341/A		2.2 1.8 1.0 1.0	2.0	2.0	3.0	2.5	4.0	3.0	.3	B-1.0 F- .7		X	X	X		
31B1/B 31H1/B 31H1/C 3331/A 3331/B 3331/C 33H1/A 33H1/B 33J1/A 33J1/B 33J1/C		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		
31B2/B		1.8 1.8	2.0	1.5	2.0	1.5	2.0	1.5	.3				X	X		

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3131/B 3131/C 3221/A 3221/B 3221/C 3231/B 3231/C 32H1/B		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		
31H2/B 31H2/C 32H2/B 32H2/C 33H2/A 33H2/B		1.8 1.8 1.2 1.2	2.0	1.5	3.0	2.0	4.0	3.0	.3	B-1.0 F- .7		X	X	X		
3321/A 3321/B 3321/C		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		
3341/A 3341/B		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		

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3331A-W3	4/	1.5	1.0	.5	1.0	.5	1.0	.5	.3				X	X		
4221/B		1.5 2.2 2.2 2.2	2.0	1.5	3.0	2.5	4.0	4.0	.3	B-1.0 F- .7	X	X	X	X		
2H/B		2.2 1.2 1.2 1.2	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
23J2/C		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		
31H3/B 31H3/C 33H3/B 3H/B		1.8 1.2 1.2 1.2	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
32J2/B		1.8 2.0 1.0 1.0	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		

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33J2/B		1.8 1.8 .8 .8	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
33J3/B		1.8 .8 .8 .8	2.0	1.0	3.0	1.5	4.0	2.0	.5				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+W4 4/		1.5	1.0	.5	1.0	.5	1.0	.5	.5				X	X		
3431/A		1.8 1.5 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.5	.5	B-./ F-.5		X	X	X		
4111/B+A1 4/		1.5 2.0 2.0 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.5	B-.7 F-.5		X	X	X		

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4131/B		1.5 2.0 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.5	.5	B-.7 F-.5		X	X	X		
41H2/C		1.5 2.0 1.2 1.2	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
4251/A		1.5 2.0 1.0 1.0	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-.7 F-.5		X	X	X		
03H/B 03H/C		1.5 .7 .7 .7	2.0	1.0	3.0	1.5	4.0	1.5	.75				X	X		
033J2/B		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		

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33J3/A 33J3/B		1.8 .5 .5 .5	2.0	1.0	3.0	1.0	4.0	1.5	.75				X	X		
34J1/B 34J1/A 34J1/B		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		
34J1/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 34J2/B 34J2/C		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		
34P2/A 34P2/B 34J3/B		1.8 1.5 1.2 1.2	2.0	1.5	3.0	2.0	4.0	2.5	.75	B-.5 F-.3		X	X	X		

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4331/A 4331/B 4331/C		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		
4341/A 4341/B 43H1/A 43H1/B 43J1/A 43J1/B 43J1/C		1.5 1.8 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.75	B-.5 F-.3		X	X	X		
4431/A 4431/B 4431/C		1.5 1.5 1.8 1.8	2.0	1.5	3.0	2.0	4.0	3.0	.75	B-.5 F-.3		X	X	X		
03HJ3/B		1.5 .5 .5 .5	2.0	1.0	3.0	1.0	4.0	1.5	1.0				X	X		

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0441/A 0441/B 044J1/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		
3541/A		1.8 1.0 1.5 1.5	2.0	1.0	3.0	2.0	4.0	2.5	1.0	B-.3 F-.3		X	X	X		
43J2/B		1.5 1.8 .8 .8	2.0	1.5	3.0	2.0	4.0	2.5	1.0	B-.3 F-.3		X	X	X		
4441/A 4441/B 4441/C 44H1/B 44J1/A 44J1/B 44J1/C		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		

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4451/A 4451/B		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		
44H2/B		1.5 1.5 1.2 1.2	2.0	1.5	3.0	2.0	4.0	2.5	1.0	B-.3 F-.3		X	X	X		
4541/A 4541/B		1.5 1.0 1.5 1.5	2.0	1.0	3.0	2.0	4.0	2.5	1.0	B-.3 F-.3		X	X	X		
044J2/B 044J2/D		1.0 1.0 .5 .5	2.0	1.0	3.0	1.0	4.0	1.5	1.5				X	X		
044J3/B 044J3/C 04J/A 04J/C		1.0 .5 .5 .5	2.0	.5	3.0	1.0	4.0	1.0	1.5				X	X		

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Albuquerque, New Mexico

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44J2/A 44J2/B 44J2/C		1.5 1.5 .8 .8	2.0	1.5	3.0	1.5	4.0	2.0	1.5				X	X		
44J3/A 44J3/B 4J/B		1.5 .8 .8 .8	2.0	1.0	3.0	1.5	4.0	2.0	1.5				X	X		
44P2/A		1.5 1.5 .5 .5	2.0	1.5	3.0	1.5	4.0	2.0	1.5				X	X		
4551/A 45J1/A		1.5 1.0 1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	1.5				X	X		
4HJ2/B		1.5 1.5 1.0 1.0	2.0	1.5	3.0	2.0	4.0	2.5	1.5				X	X		

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SOIL INTERPRETATIONS FOR IRRIGATION IN THE Reserve-Quemado 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	1/ Sprinkler 14	2/ Drip 15	16	17
05541/B 05541/C		.5 .5 .5 .5	2.0	.5	3.0	.5	4.0	1.0	2.0				X	X		
055J2/A		1.0 1.0 1.0 .8	2.0	1.0	3.0	1.5	4.0	1.5	2.0				X	X		