UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Gallup FO

Date: July, 1978

4/ 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
111AB 1121 1131 1221 2111AB		2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.1	B-2.0 F-1.0	X	X	X	X		
1111SA		1.0 1.0 1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	.1	B-2.0 F-1.0		X	X	X		
2221C 2331AB 2321AB		2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.3	B-2.0 F-1.0	X	X	X	X		
2231		2.0 2.0 1.8 1.8	2.0	2.0	3.0	2.5	4.0	3.5	.3	B-2.0 F-1.0	X	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.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Gallup FO

Date: July, 1978

4/ 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
22J2		2.0 2.0 .8 .8	2.0	2.0	3.0	2.0	4.0	2.5	.3	B-2.0 F-1.0		X	X	X		
3221AB 3221C		2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.5	B-1.5 F- .75	X	X	X	X		
3231AB 3231C 3321AB 3331AB		2.0 2.0 1.8 1.8	2.0	2.0	3.0	2.5	4.0	3.5	.5	B-1.5 F- .75	X	X	X	X		
33J2		1.8 1.8 .8 .8	2.0	1.5	3.0	2.0	4.0	2.5	.5	B-1.5 F- .75		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.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Gallup FO

Date: July, 1978

			Shallow Rooted Crops		Medium Rooted Crops		Deep Rooted Crops				Adapted Conservation Irrigation Systems					
4/ Map Symbol 1	Soil Name 2	Available Moisture-holding Capacity per foot of soil Depth (in.) 3	Moisture Replacement Depth (ft.) 4	Net Moisture to be Replaced (in.) 5	Moisture Replacement Depth (ft.) 6	Net Moisture to be Replaced (in.) 7	Moisture Replacement Depth (ft.) 8	Net Moisture to be Replaced (in.) 9	Family Intake Curve Designation Curve No. 10	Recommended Maximum Irrigation Grade Feet per 100 feet 11	Level 12	3/ Graded 13	1/ Sprinkler 14	2/ Drip 15	16	17
4221		1.5 2.0 2.0 2.0	2.0	1.5	3.0	2.5	4.0	3.5	.5	B-1.5 F- .75	X	X	X	X		
4331		1.5 1.8 1.8 1.8	2.0	1.5	3.0	2.5	4.0	3.0	.75	B-1.0 F- .5		X	X	X		
4441		1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	1.0	B-.75 F-.4		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.