UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Albuquerque, New Mexico

TG SEC. II-G-1

IRRIGATION GUIDE
FOR

Sheet 1 of 2

Date: Nov. 1973

FT. SUMNER F. O.

Soil Symbol	Soil Name	Available Moisture-Holding Capacity per foot of soil	Crop Moisture Replacement Depth	Group I Net Moisture to be Replaced	Crop Moisture Replacement Depth	Group II Net Moisture to be Replaced	Crop Moisture Replacement Depth	Group III Net Moisture to be Replaced	Family Intake Curve Designation Curve No.	Maximum Irrigation Grade Feet per 100 Feet	Adapted Conservation Irrigation Systems					
		Depth (in.)	(ft.)	(in.)	(ft.)	(in.)	(ft.)	(in.)			Level	Graded	Sprinkler	Corrugation	Contour Ditch	Tail-water Recovery
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2221U/A	Unnamed	2.0														
211U/A	Silty	2.1	3.0	3.0	4.0	4.0	2.0	2.0	.3	B-1.0	1	4	2*	-	-	3
	Clay	2.1								F-.5						
	Loam	2.1														
2221U/A-SW	Unnamed															
	Clay Loam															
33PW/A	Unnamed															
	Loam	1.8	2.0	1.5	2.0	1.5	2.0	1.5	.5	B-.7	-	3	1*	-	-	2
	(Shallow)	1.8								F-.4						
33h2/A	Unnamed	1.8														
33h2/B	Loam	1.8	3.0	2.5	3.0	2.5	2.0	1.5	.5	B-.7	-	3	1*	-	-	2
33h2/C	(Moderate)	1.8								F-.4						
3221U/A	Unnamed	1.8														
3321/A	Loam	1.8	3.0	2.5	4.0	3.5	2.0	1.5	.75	B-.7	3	4	1*	-	-	2
3321/B	(Deep)	1.8								F-.4						
3331/A		1.8														
3331/B																
3331g/A																
3331U/A																
3331U/B																

*Puddling may occur when using circular sprinklers

B - Borders

F - Furrows

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Soil Symbol 1	Soil Name 2	Available Moisture-Holding Capacity per foot of soil Depth (in.) 3	Crop Moisture Replacement Depth (ft.) 4	Group I Net Moisture to be Replaced (in.) 5	Crop Moisture Replacement Depth (ft.) 6	Group II Net Moisture to be Replaced (in.) 7	Crop Moisture Replacement Depth (ft.) 8	Group III Net Moisture to be Replaced (in.) 9	Family Intake Curve Designation Curve No. 10	Maximum Irrigation Grade Feet per 100 Feet 11	Adapted Conservation Irrigation Systems: Level 12	Graded 13	Sprinkler 14	Corrugation 15	Contour Ditch 16	Tail-water Recovery 17
4331/A	Unnamed	1.2														
4331U/A	Sandy	1.5								B-.5						
	Loam	1.8	3.0	2.0	4.0	3.0	2.0	1.0	1.0	F-.3	-	3	1	-	-	2
	(Deep)	1.8														
4331U/A-SW																
4331U/B																
44h3/A	Unnamed	1.2														
44h3/B	Sandy Loam	1.5	2.0	1.0	2.0	1.0	2.0	1.0	1.5	B-.5	-	3	1	-	-	2
A3h3/A	(Shallow)									F-.3						
4441/A	Unnamed	1.2														
4441/B	Sandy Loam	1.2	3.0	1.5	4.0	2.0	2.0	1.0	1.5	B-.5	-	3	1	-	-	2
45h1/B	(Moderate)	1.2								F-.3						
		1.2														
53P2/A	Unnamed	.8														
53h2/A	Loamy	1.5	3.0	2.0	3.0	2.0	2.0	1.0	1.5	B-.5	-	3	1	-	-	2
5412/A	Fine	2.0								F-.3						
5412/B	Sand															
	(Moderate)															
5431/A	Unnamed	.8														
5431/B	Loamy	1.2														
	Fine Sand	1.5	3.0	1.5	4.0	2.5	2.0	1.0	2.0	-	-	-	1	-	-	2
	(Deep)	1.8														

B - Borders
F - Furrows