Albuquerque, New Mexico

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Alamogordo FO - SD Irrigated Area

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	2/ Sprinkler 14	1/ Drip 15	16	17
LdA-111 LdB-124 LdB2-123 LeA-128	Largo Silt Loam	1.8 2.0 2.0	2	1.5	3	2.5	4	3.5	.3	B-.75 F-.5		X	X	X		
LdB-131	Largo Sandy Loam	1.5 2.0 2.0 2.0	2	1.5	3	2.5	4	3.5	.5	B-.5 F-.3		X	X	X		
LcA-147	Largo Very Fine Sandy Loam	1.8 1.8 2.0 2.0	2	1.5	3	2.5	4	3.5	.5	B-.5 F-.3		X	X	X		
PmA-105 PpA-137 PmB-110 PnA-109 PmB2-130	Prelo Silt Loam	1.8 1.8 1.8 1.8	2	1.5	3	2.5	4	3.0	.5	B-.5 F-.3		X	X	X		

B - Borders F - Furrows

1/ Drip irrigation recommended for orchard or high value row crop only.
2/ Some puddling may occur when using pivotal sprinklers on .3-.5 intake family soils. Because of high salinity irrigation water, sprinklers not recommended when using irrigation water with EC greater than 2500.

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PvB-140	Prelo Variant Complex	1.8 1.8 1.8 1.0	2	1.5	3	2.5	4	3.0	.5	B-.5 F-.3		X	X	X		
RbA-155 RcB2-161	Reeves Very Fine Sandy Loam	1.5 1.0 1.0	2	1.0	3	1.5	3	1.5	.5	B-.5 F-.3		X	X	X		
RdA-162	Reeves Very Fine Sandy Loam	1.5 1.0 1.0 1.0	2	1.0	3	1.5	4	2.0	.5	B-.5 F-.3		X	X	X		
TbA-120	Tobler Silt Loam	1.5 1.0 1.0 1.0	2	1.0	3	1.5	4	2.0	.5	B-.5 F-.3		X	X	X		
TcA-151 TcB-160	Tome Very Fine Sandy Loam	1.5 1.5 1.5 1.5	2	1.5	3	2.0	4	3.0	.5	B-.5 F-.3		X	X	X		

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TeB-150	Tome Silt Loam	2.0 2.0 2.0 2.0	2	2.0	3	3.0	4	4.0	.5	B-.75 F-.5		X	X	X		
HbA-154	Holloman Very Fine Sandy Loam	1.0	1	.5	1	.5	1	.5	.75				X	X		
AkA-146	Alamogordo Variant Very Fine Sandy Loam	1.8 1.8 1.0 1.0	2	1.5	3	2.0	4	2.5	.75				X	X		
MdA-119	McCullough Variant Very Fine Sandy Loam	1.5 1.5 1.5 1.8	2	1.5	3	2.0	4	3.0	.75				X	X		

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PkA-103	Prelo Sandy Loam Hummocky	1.5 1.8 1.8 1.5	2	1.5	3	2.5	4	3.0	.75				X	X		
PlA-157	Prelo Fine Sandy Loam	1.8 1.8 1.8 1.5	2	1.5	3	2.5	4	3.5	.75				X	X		
TfB-108	Tome-Emot Complex	1.2 1.5 1.5 1.5	2	1.0	3	2.0	4	2.5	.75				X	X		
LfB-122	Largo-Orgal Complex	1.5 1.0 1.0 1.0	2	1.0	3	1.5	4	2.0	1.0				X	X		
McB-133	McCullough Sandy Loam	1.5 1.5 .5	2	1.5	3	1.5	3	1.5	1.0				X	X		

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