UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Date: Feb.1977

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Aztec 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	1/ Sprinkler 14	2/ Drip 15	16	17
062	Blancett Clay Loam	2.2 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.1	B-1.0 F- .5	X	3/ X	X	X		
124	Pham Clay Loam	2.0 2.0														
061	Blancett Clay Loam-Saline	1.0	2.0	1.0	3.0	1.5	4.0	2.0	.1	B-1.0 F- .5		3/ X	X	X		
12C	Pham Slickspot Complex	1.0 1.0														
08C	Turley Slickspot	1.0														
18A	Azfield Slickspot															
12D 4/	Pham Clay Loam-Wet Variant	1.5 1.5 1.5 1.5	2.0	1.5	2.0	1.5	2.0	1.5	.1	B-1.0 F- .5		3/ X	X	X		

1/ Some puddling may occur when using sprinklers on .1-.5 intake family soils. B-Borders F-Furrows
2/ Drip irrigation recommended on orchards or high value row crops only.
3/ Tailwater recovery systems may be used to increase uniformity of irrigation if soils allow construction of pit.
4/ High water table during irrigation season will limit root zone to 24".

Albuquerque, New Mexico

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Aztec FO

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	1/ Sprinkler 14	2/ Drip 15	16	17
282 4/	Werlow Loam-Wet and Saline	1.0 1.0 1.0 1.0	2.0	1.0	2.0	1.0	2.0	1.0	.1	B-1.0 F- .5		3/ X	X	X		
284 4/	Werlow Variant	1.5 1.5 .5 .5	2.0	1.5	2.0	1.5	2.0	1.5	.3	B-1.0 F- .5		3/ X	X	X		
281 4/ 280 4/	Werlow Clay Loam Werlow Loam	1.5 1.5 1.5 1.5	2.0	1.5	2.0	1.5	2.0	1.5	.3	B-1.0 F- .5		3/ X	X	X		
080 081 083 185 340	Turley Clay Loam Azfield Clay Loam Youngston Loam	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- .5	X	3/ X	X	X		

1/ Some puddling may occur when using sprinklers on .1-.5 intake family soils.

B-Borders F-Furrows

2/ Drip irrigation recommended on orchards or high value row crops only.

3/ Tailwater recovery systems may be used to increase uniformity of irrigation if soils allow construction of pit.

4/ High water table during irrigation season will limit root zone to 24".

Albuquerque, New Mexico

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Aztec FO

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	1/ Sprinkler 14	2/ Drip 15	16	17
18C 180 183 184	Azfield Loam	2.0 2.0 2.0 2.0	2.0	2.0	3.0	3.0	4.0	4.0	.5	B-.7 F-.4	X	3/ X	X	X		
18D 4/	Azfield Loam-Wet Variant	1.5 1.5 1.5 1.5	2.0	1.5	2.0	1.5	2.0	1.5	.5	B-.7 F-.4		3/ X	X	X		
151	Garland Loam	2.0 2.0 .5 .5	2.0	2.0	3.0	2.0	4.0	2.5	.5	B-.7 F-.4		3/ X	X	X		
330	Glenton Loam	1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	.75	B-.5 F-.3		3/ X	X	X		
48A	Fruitland Slickspot	1.0 1.0 1.0 1.0	2.0	1.0	3.0	1.5	4.0	2.0	.75	B-.5 F-.3		3/ X	X	X		

1/ Some puddling may occur when using sprinklers on .1-.5 intake family soils.

B - Borders F - Furrows

2/ Drip irrigation recommended on orchards or high value row crops only.

3/ Tailwater recovery systems may be used to increase uniformity of irrigation if soils allow construction of pit.

4/ High water table during irrigation season will limit root zone to 24".

Albuquerque, New Mexico

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Aztec FO

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	1/ Sprinkler 14	2/ Drip 15	16	17
270	Walress Loam	2.0 .5 .5 .5	2.0	1.0	3.0	1.5	4.0	1.5	1.0	B-.5 F-.3		3/ X	X	X		
111 4/	Walress Loam	1.6 .4 .4 .4	2.0	1.0	2.0	1.0	2.0	1.0	1.0	B-.5 F-.3		3/ X	X	X		
481 482 484	Fruitland Sandy Loam	1.5 1.5 1.5 1.5	2.0	1.5	3.0	2.0	4.0	3.0	1.0	B-.5 F-.3		3/ X	X	X		
489 4/	Fruitland Sandy Loam	1.0 1.0 1.0 1.0	2.0	1.0	2.0	1.0	2.0	1.0	1.0	B-.5 F-.3		3/ X	X	X		
360 4/	Green River Fine Sandy Loam	1.5 1.0 .8 1.0	2.0	1.0	2.0	1.0	2.0	1.0	1.0	B-.5 F-.3		3/ X	X	X		

1/ Some puddling may occur when using sprinklers on .1-.5 intake family soils.

B - Borders F - Furrows

2/ Drip irrigation recommended on orchards or high value row crops only.

3/ Tailwater recovery systems may be used to increase uniformity of irrigation if soils allow construction of pit.

4/ High water table during irrigation season will limit root zone to 24".

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Aztec FO

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	1/ Sprinkler 14	2/ Drip 15	16	17
40B	Stumble Slickspot	.5 .5 .5 .5	2.0	.5	3.0	.5	4.0	1.0	1.0	B-.5 F-.3		3/ X	X	X		
403	Stumble Sandy Clay Loam	1.2 .7 .5 .5	2.0	.5	3.0	1.0	4.0	1.5	1.0	B-.5 F-.3		3/ X	X	X		
400 401 405	Stumble Loamy Sand	.7 .7 .5 .5	2.0	.5	3.0	1.0	4.0	1.0	1.5	B-.3 F-.3		3/ X	X	X		
415 4/	Beebe Loamy Sand	.6 .4 .6 .8	2.0	.5	2.0	.5	2.0	.5	1.5	B-.3 F-.3		3/ X	X	X		

B - Borders F - Furrows

1/ Some 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 uniformity of irrigation if soils allow construction of pit.
4/ High water table during irrigation season will limit root zone to 24".