

IRRIGATION DESIGN GROUP 7

INTAKE FAMILY 1.0

Moderate deep soils with a silt loam, loam, or very fine sandy surface layer and moderate or moderately rapid permeability in the subsoil; underlain by bedrock or mixed sand and gravel.

	<u>Depth</u>	<u>Available Water Capacity</u>
	1.0'	2.6"
	2.0'	5.0"
	2.5'	6.7"
Alda Loam		Lex Clay loam
Alda Very fine sandy loam		Lex Loam
Altvan Loam		Lex Silt loam
Bazile Silt loam ¹		Lex variant Loam
Brocksburg Loam		Lexsworth Loam
Campus Loam		Lockton Loam
Cheyenne Loam		Lockton Silt loam
Darr Silt loam		McGrew Loam
Fonner Loam		Norrest Loam
Gering Loam		O'Neill Loam
Jansen Loam ²		Redstoe Silt loam
Jansen Loamy sand ²		Rosebud Loam
Jansen Sandy clay loam ²		Rosebud Silt loam
Jansen Silt loam ²		Rosebud Sandy loam
Jansen Sandy loam ²		Wakeen Silt loam
Keota Silt loam		Wewela Loam ³
Lancaster Loam		

¹ Bazile soils are deep and have rapid permeability below the subsoil.

² Jansen soils have a sandy clay loam and loamy sand surface layer.

³ Wewela loam has slow permeability below a depth of 1.0 to 1.5 feet.