IRRIGATION DESIGN GROUP 11

INTAKE FAMILY 3.0

Deep soils with a loamy sand, loamy fine sand, or fine sandy loam surface layer and rapidly permeable subsoil.

| Depth | Available Water Capacity |
|---|---|
| I.0' | 1.3" |
| 2.0' | 2.5" |
| 3.0' | 3.5" |
| 4.0' | 4.4" |
| 5.0’ | 5.2” |

Ashollow Fine sandy loam
Ashollow Loamy very fine sand
Bankard Loamy fine sand[1]
Bankard Loamy sand[1]
Bankard Very fine sandy loam[1]
Blanche Loamy fine sand
Blanche Loamy sand
Boel Fine sandy loam
Boel Loamy fine sand
Boel Loamy sand
Bolent Fine sandy loam
Bolent Loamy fine sand
Bolent Loamy sand
Brunswick Loamy sand
Calamus Loamy fine sand
Calamus Loamy sand
Dailey Loamy fine sand
Dailey Loamy sand
Dankworth Loamy sand
Doger Loamy fine sand
Draknab Loamy fine sand
Dunday Loamy fine sand
Dunday Loamy sand
Dwyer Loamy fine sand
Dwyer Loamy sand
Els Loamy fine sand
Els Loamy sand
Elsmere Fine sandy loam
Elsmere Loamy fine sand
Inavale Fine sandy loam
Inavale Loamy fine sand
Inavale Loamy sand
Inavale Very fine sandy loam
Inglewood Loamy fine sand
Ipage Loamy fine sand
Ipage Loamy sand
McKelvie Loamy fine sand
Nenzel Loamy fine sand
Orpha Loamy fine sand
Pahuk Loamy fine sand
Pathfinder Loamy fine sand
Pivot Fine sandy loam
Pivot Loam
Pivot Sandy loam
Sardak Loamy fine sand
Sarpy Fine sandy loam
Sarpy Loamy fine sand
Sarpy Loamy sand
Selia Fine sand[2]
Selia Loamy fine sand[2]
Thurman Fine sandy loam
Thurman Loamy fine sand
Thurman Loamy sand
Valent Loamy fine sand
Valent Loamy sand
Valentine Loamy fine sand
Valentine Loamy sand
Wildhorse Loamy fine sand

[1] Bankard soil, as mapped in Box Butte County, has a very fine sandy loam surface layer.

[2] Selia soils are neutral to very strongly alkaline and contain high amounts of sodium.