

## NEBRASKA AMENDMENT

## IRRIGATION DESIGN GROUP 14

## INTAKE FAMILY 1.5 OR HIGHER

Soils in this design group are divided into two subgroups. Subgroup A includes shallow soils with sandy and loamy profiles. Subgroup B includes moderately deep soils with sandy and loamy profiles.

## SUBGROUP 14-A

Shallow soils, 10 inches to 20 inches thick, with loamy sand, loamy fine sand, sandy loam, or fine sandy loam textures; over bedrock or mixed sand and gravel.

<u>Depth</u>	<u>Available Water Capacity</u>
1.0'	1.5"
1.5'	2.0"
Meadin Fine sandy loam	Meadin Sandy loam
Meadin Fine sandy loam	Platte Fine sandy loam
Meadin Loamy fine sand	Talmo Sandy loam
Meadin Loamy sand	

## SUBGROUP 14-B

Moderately deep soils, 20 inches to 40 inches thick, and deep soils, with a sand, fine sand, loamy sand, loamy fine sand, or sandy loam surface layer and a moderately rapid or rapidly permeable subsoil; over bedrock or mixed sand and gravel.

<u>Depth</u>	<u>Available Water Capacity</u>
1.0'	1.5"
2.0'	2.8"
2.5'	3.5"
Calamus Course sand	O'Neill Loamy fine sand
Calamus Fine sand	O'Neill Loamy sand
Calamus Sand	Pivot Loamy fine sand
Duda Loamy fine sand	Pivot Loamy sand
Duda Loamy sand	Simeon Fine sand
Duda Sandy loam	Simeon Loamy sand
Inavale Course sand	Simeon Sand
Inavale Sand	Simeon Sandy loam