

# Key to Prairie-Derived Upland Soils of Northwest Iowa

<b>Parent Material</b>	Loess" >60" Thickness				Loess: 40-60" over loam or clay loam till	Loess: 20-40" over loam or clay loam till	Loess or erosional sediments: 20-32" over calcareous loam or clay loam till	Calcareous loam or clay loam till	Calcareous loam till	
<b>Percent Clay in Subsoil or Subhorizon</b>	24-35%				27-35%	28-35%	28-35%	28-35%	24-35%	
<b>Differentiating Property</b>	<26" Annual Rainfall		>26" Annual Rainfall		>26" Annual Rainfall	<26" Annual Rainfall	>26" Annual Rainfall	--	--	--
<b>Depth to Carbonates</b>	<10"	>30"	<10"	>30"	>30"	15-30"	20-40"	>15"	<10"	>10"
<b><u>Internal Drainage</u></b>	<b>Series</b>									
<b>Well</b>	Crofton sil (401)	Moody sil (410)	Ida sil (1)	Galva sil (310)	--	Egan sil (411)	Sac sil (77)	Everly cl (577)	Steinauer cl (33)	Moneta l (433)
<b>Moderately well</b>	--	--	--	--	Annieville sil (928)	--	--	--	--	--
<b>Somewhat poorly</b>	Primghar sil, calc. var. (791)	Trent sil (910)	--	Primghar sil (91)	McCreath sil (1091)	--	Ransom sil (282)	Wilmington sil (456)	--	--
<b>Poorly</b>	Spicer sil (32)	--	--	Marcus sil (92)	Gillett Grove sil (1092)	--	Rushmore sil (191)	Letri sil (397)	--	--

(xxx) Denotes soil map symbol for soil series / soil type