

Washington County, Wisconsin Soil Survey Map Unit Descriptions - Source: USDA Natural Resources Conservation Service Tabular Data Version: 3 Dated 02/15/2007

Key for Prairie Mixes	Soil Symbol	Name of Soil Type	Drainage Class	Map Unit Description (Brief)	**Suitable for Prairie Mixes	Key for Prairie Mixes
<p>**The following Prairie Mixes (or a combination thereof) are shown at right, correlated to the appropriate soils class for best establishment of prairies. Key to use:</p> <ol style="list-style-type: none"> 1) Prairie Grass Only; 2) Wildflower Only; 3) Medium-Dry Site Mix; 4) Wet Site Mix; 5) Urban Site Mix; <p>For Larger Sites > 1 Acre</p> <ol style="list-style-type: none"> 6) CREP Dry Mesic Mix; 7) CREP Wet Mesic Mix; 8) CREP Wet Site (Flood Prone) Mix; 9) CREP Native Grasses 	Ak	Adrian mucky peat	Very Poorly Drained Organic Over Sandy Soil	Frequently Ponded. High available water capacity. This soil is hydric. The maximum allowable erosion rate is 2 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 6W. The subclass is 3W where the wetness limitation is removed.	No Mix Offered	<p>**The following Prairie Mixes (or a combination thereof) are shown at right, correlated to the appropriate soils class for best establishment of prairies. Key to use:</p> <ol style="list-style-type: none"> 1) Prairie Grass Only; 2) Wildflower Only; 3) Medium-Dry Site Mix; 4) Wet Site Mix; 5) Urban Site Mix; <p>For Larger Sites > 1 Acre</p> <ol style="list-style-type: none"> 6) CREP Dry Mesic Mix; 7) CREP Wet Mesic Mix; 8) CREP Wet Site (Flood Prone) Mix; 9) CREP Native Grasses
<p>Go to www.co.washington.wi.us/lcd click on Soil Classification to link to GIS Interactive Website. Zoom into your land parcel, turn on the Soils Folder Layer to find your Soil Symbol.</p>	Am	Alluvial land	Moderately Well Drained Loamy Soil	Occasionally flooded. Moderate available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 3W. The capability class is 1 where the flooding limitation is removed.	1, 2, 3, 5, 7, 9	<p>Go to www.co.washington.wi.us/lcd click on Soil Classification to link to GIS Interactive Website. Zoom into your land parcel, turn on the Soils Folder Layer to find your Soil Symbol.</p>
	AtA	Ashkum silty clay loam	Poorly Drained Clayey Soil	Poorly drained clayey soil. Frequently ponded. High available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 5W. The subclass is 2W where the wetness limitation is removed.	4, 8	
	AzA	Aztalan loam	Somewhat Poorly Drained Loamy Soil	Somewhat poorly drained loamy soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2W.	2, 4, 7, 8	
	AzB	Aztalan loam	Somewhat Poorly Drained Loamy Soil	Somewhat poorly drained loamy soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2E.	2, 4, 7, 8	
	BmB	Boyer loamy sand	Well Drained - Loamy Soil	Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 3S.	1, 2, 3, 5, 6, 9	

BmC	Boyer loamy sand	Well Drained - Loamy Soil	Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
BnA	Boyer sandy loam	Well Drained - Loamy Soil	Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 3S.	1, 2, 3, 5, 6, 9
BnB	Boyer sandy loam	Well Drained - Loamy Soil	Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 3S.	1, 2, 3, 5, 6, 9
BrC2	Boyer complex	Well Drained - Loamy Soil	This map unit contains 2 main components: BOYER - Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. BOYER - Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. MAP UNIT DATA - Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
BrE2	Boyer complex	Well Drained - Loamy Soil	This map unit contains 2 main components: BOYER - Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. BOYER - Well drained loamy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
BsA	Brookston silt loam	Very Poorly Drained - Loamy Soil	Very poorly drained loamy soil. Frequently ponded. High available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 5W. The subclass is 2W where the wetness limitation is removed.	4, 8
CcB2	Casco sandy loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9

CcC2	Casco sandy loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
CeA	Casco loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 3S.	1, 2, 3, 5, 6, 9
CeB2	Casco loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
CeC2	Casco loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
CeD2	Casco loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
CkC2	Casco-Fox	Well Drained - Loamy Soil Over Sandy Soil	This map unit contains 2 main components: CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. FOX - Well drained loamy over sandy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. MAP UNIT DATA - Potentially highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
CrC2	Casco-Rodman complex	Well Drained - Loamy Soil Over Sandy Soil	This map unit contains 2 main components: CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. RODMAN - Excessively drained sandy soil. Very low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. MAP UNIT DATA - Potentially highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9

CrD2	Casco-Rodman complex	Well Drained - Loamy Soil Over Sandy Soil	This map unit contains 2 main components: CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. RODMAN - Excessively drained sandy soil. Very low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. MAP UNIT DATA - Potentially highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
CrE	Casco-Rodman complex	Well Drained - Loamy Soil Over Sandy Soil	This map unit contains 2 main components: CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. RODMAN - Excessively drained sandy soil. Very low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 7E.	1, 2, 3, 5, 6, 9
Cw	Colwood silt loam	Poorly Drained - Loamy Soil	Poorly drained loamy soil. Frequently ponded. High available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 5W. The subclass is 2W where the wetness limitation is removed.	4, 8
DaA	Darroch fine sandy loam	Somewhat Poorly Drained Loamy Soil	Somewhat poorly drained loamy soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 3W.	2, 4, 7, 8
DdA	Dodge silt loam	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability class is 1.	1, 2, 3, 5, 6, 9
DdB	Dodge silt loam	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability class is 2E.	1, 2, 3, 5, 6, 9
DsA	Dresden silt loam	Well Drained Loamy Over Sandy Soil	Well drained loamy over sandy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9

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Dt	Drummer silt loam	Poorly Drained Silty Soil	Poorly drained silty soil. Frequently ponded. High available water capacity. This soil is hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 5W. The subclass is 2W where the wetness limitation is removed.	4, 8
FaA	Fabius loam	Somewhat Poorly Drained Loamy Over Sandy Soil	Somewhat poorly drained loamy over sandy soil. Low available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 3 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 3W.	2, 4, 7, 8
FsA	Fox silt loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 2S.	1, 2, 3, 5, 6, 9
FsB	Fox silt loam	Well Drained - Loamy Soil Over Sandy Soil	Well drained loamy over sandy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
GfA	Granby fine sandy loam	Poorly and Very Poorly Drained Sandy Soil	Poorly and very poorly drained sandy soil. Frequently ponded. Low available water capacity. This soil is hydric. The maximum allowable erosion rate is 3 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 5W. The subclass is 4W where the wetness limitation is removed.	4, 8
GrA	Grays silt loam	Moderately Well Drained - Silty Soil	Moderately well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability class is 1.	1, 2, 3, 5, 7, 9
GrB	Grays silt loam	Moderately Well Drained - Silty Soil	Moderately well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability class is 2E.	1, 2, 3, 5, 7, 9
HeA	Hebron loam	Well Drained - Loamy Soil	Well drained loamy soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 2S.	1, 2, 3, 5, 6, 9
HeB	Hebron loam	Well Drained - Loamy Soil	Well drained loamy soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9

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HmB	Hochheim loam	Well Drained - Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
HmB2	Hochheim loam	Well Drained - Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
HmC2	Hochheim loam	Well Drained - Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
HmD2	Hochheim loam	Well Drained - Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
HmE	Hochheim loam	Well Drained - Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
HnA	Hochheim silt loam	Well Drained - Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability class is 1.	1, 2, 3, 5, 6, 9
HoC3	Hochheim soils	Well Drained - Loamy Soil	This map unit contains 2 main components: HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
HoD3	Hochheim soils	Well Drained - Loamy Soil	This map unit contains 2 main components: HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9

HrD	Hochheim-Hennepin Complex	Well Drained - Loamy Soil	This map unit contains 2 main components: HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. HENNEPIN - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
HrE	Hochheim-Hennepin Complex	Well Drained - Loamy Soil	This map unit contains 2 main components: HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. HENNEPIN - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
HrF	Hochheim-Hennepin Complex	Well Drained - Loamy Soil	This map unit contains 2 main components: HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. HENNEPIN - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 7E.	1, 2, 3, 5, 6, 9
Hu	Houghton mucky peat	Very Poorly Drained Organic Soil	Very poorly drained organic soil. Frequently ponded. Very high available water capacity. This soil is hydric. The maximum allowable erosion rate is 3 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 6W. The subclass is 3W where the wetness limitation is removed.	No Mix Offered
Hv	Houghton peat, acid variant	Very Poorly Drained Organic Soil	Very poorly drained organic soil. Frequently ponded. Very high available water capacity. This soil is hydric. The maximum allowable erosion rate is 3 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 6W. The subclass is 4W where the wetness limitation is removed.	No Mix Offered
JuA	Juneau silt loam	Well Drained - Silty Soil	Well drained silty soil. Occasionally flooded. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 2E. The capability class is 1 where the flooding limitation is removed.	1, 2, 3, 5, 6, 9

KIA	Kendall silt loam	Somewhat Poorly Drained Silty Soil	Somewhat poorly drained silty soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2E.	2, 4, 7, 8
Km	Keowns silt loam	Poorly Drained Loamy Soil	Poorly drained loamy soil. Frequently ponded. Moderate available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 6W. The subclass is 3W where the wetness limitation is removed.	4, 8
KwB	Knowles silt loam	Well Drained Silty Soil	Well drained silty soil. Hard bedrock is at a depth of 20 to 40 inches. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 2 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
KwC2	Knowles silt loam	Well Drained Silty Soil	Well drained silty soil. Hard bedrock is at a depth of 20 to 40 inches. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 2 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
LmA	Lamartine silt loam	Somewhat Poorly Drained Silty Soil	Somewhat poorly drained silty soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2E.	2, 4, 7, 8
Lu	Loamy land	Moderately Well Drained	Soil. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 7S.	1, 2, 3, 5, 7, 9
Mf	Marsh	Very Poorly Drained Organic	Very poorly drained organic soil. Frequently ponded. This component is hydric. Not highly erodible. Not prime farmland. The land capability subclass is 7W. The subclass is 4W where the wetness limitation is removed.	No Mix Offered
MgA	Martinton silt loam	Somewhat Poorly Drained Clayey Soil	Somewhat poorly drained clayey soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2E.	4, 8

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MmA	Martherton silt loam	Somewhat Poorly Drained Loamy over Sandy Soil	Somewhat poorly drained loamy over sandy soil. Low available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2E.	2, 4, 7, 8
MoA	Mayville silt loam	Moderately Well Drained Silty Soil	Moderately well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability class is 1.	1, 2, 3, 5, 7, 9
MoB	Mayville silt loam	Moderately Well Drained Silty Soil	Moderately well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability class is 2E.	1, 2, 3, 5, 7, 9
MtA	Mequon silt loam	Somewhat Poorly Drained Clayey Soil	Somewhat poorly drained clayey soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2W.	4, 8
Mzb	Montgomery silt clay loam	Very Poorly Drained Clayey Soil	Very poorly drained clayey soil. Frequently ponded. High available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 5W. The subclass is 3W where the wetness limitation is removed.	4, 8
MzfA	Mundelein silt loam	Somewhat Poorly Drained Silty Soil	Somewhat poorly drained silty soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 2E.	2, 4, 7, 8
MzkA	Mussey loam	Somewhat Poorly Drained Loamy over Sandy Soil	Poorly and very poorly drained loamy over sandy soil. Frequently ponded. Low available water capacity. This soil is hydric. The maximum allowable erosion rate is 3 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 5W. The subclass is 3W where the wetness limitation is removed.	2, 4, 7, 8
NnA	Nenno silt loam	Somewhat Poorly Drained Loamy Soil	Somewhat poorly drained loamy soil. Moderate available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 2E.	2, 4, 7, 8

Ot	Otter silt loam	Poorly Drained Silty Soil	Poorly drained silty soil. Frequently ponded. Frequently flooded. Very high available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained and protected from flooding. The land capability subclass is 5W. The subclass is 2W where the wetness and flooding limitations are removed.	4, 8
OuB	Ozaukee silt loam	Well Drained Clayey Soil	Well drained clayey soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
OuB2	Ozaukee silt loam	Well Drained Clayey Soil	Well drained clayey soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
OuC2	Ozaukee silt loam	Well Drained Clayey Soil	Well drained clayey soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
OuD2	Ozaukee silt loam	Well Drained Clayey Soil	Well drained clayey soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
OuE	Ozaukee silt loam	Well Drained Clayey Soil	Well drained clayey soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
Pc	Palms mucky peat	Very Poorly Drained Organic Over Loamy Soil	Very poorly drained organic over loamy soil. Frequently ponded. Very high available water capacity. This soil is hydric. The maximum allowable erosion rate is 2 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 6W. The subclass is 3W where the wetness limitation is removed.	No Mix Offered
Ph	Pella silt loam	Poorly Drained Silty Soil	Poorly drained silty soil. Frequently ponded. High available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 5W. The subclass is 2W where the wetness limitation is removed.	4, 8

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RaA	Radford silt loam	Somewhat Poorly Drained Silty Soil	Somewhat poorly drained silty soil. Rarely flooded. Very high available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability class is 1.	2, 4, 7, 8
RkB	Ritchey silt loam	Well Drained Loamy Soil	Well drained loamy soil. Hard bedrock is at a depth of 10 to 20 inches. Very low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 2 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
RkC2	Ritchey silt loam	Well Drained Loamy Soil	Well drained loamy soil. Hard bedrock is at a depth of 10 to 20 inches. Very low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 2 tons/acre/year. Highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
ScA	St. Charles silt loam	Moderately Well Drained Silty Soil	Moderately well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability class is 1.	1, 2, 3, 5, 7, 9
ScB	St. Charles silt loam	Moderately Well Drained Silty Soil	Moderately well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability class is 2E.	1, 2, 3, 5, 7, 9
SeA	Charles silt loam, gravelly substrat	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 1.	1, 2, 3, 5, 6, 9
SeB	Charles silt loam, gravelly substrat	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
Sf	Sandy and gravelly land	Sandy Soil	Sandy soil. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Not prime farmland. The land capability subclass is 8S.	1, 2, 3, 5, 6, 9
ShA	Saylesville silt loam	Well Drained Clayey Soil	Well drained clayey soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 2S.	1, 2, 3, 5, 6, 9

Washington County, Wisconsin Soil Survey Map Unit Descriptions - Source: USDA Natural Resources Conservation Service Tabular Data Version: 3 Dated 02/15/2007

ShB	Saylesville silt loam	Well Drained Clayey Soil	Well drained clayey soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
Sm	Sebewa silt loam	Poorly and Very Poorly Drained Loamy Over Sandy Soil	Poorly and very poorly drained loamy over sandy soil. Frequently ponded. Moderate available water capacity. This soil is hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 5W. The subclass is 2W where the wetness limitation is removed.	4, 8
SrB	Sisson fine sandy loam	Well Drained Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
SrC2	Sisson fine sandy loam	Well Drained Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
SrD2	Sisson fine sandy loam	Well Drained Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
SvA	Sisson-Casco-Hochheim complex	Well Drained Loamy Soil	This map unit contains 3 main components: SISSON - Well drained loamy soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Not highly erodible. Prime farmland. The land capability subclass is 2S.	1, 2, 3, 5, 6, 9

SvB2	Sisson-Casco-Hochheim complex	Well Drained Loamy Soil	This map unit contains 3 main components: SISSON - Well drained loamy soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Potentially highly erodible. Prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
SvC2	Sisson-Casco-Hochheim complex	Well Drained Loamy Soil	This map unit contains 3 main components: SISSON - Well drained loamy soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Potentially highly erodible. Not prime farmland. The land capability subclass is 4E.	1, 2, 3, 5, 6, 9
SvD2	Sisson-Casco-Hochheim complex	Well Drained Loamy Soil	This map unit contains 3 main components: SISSON - Well drained loamy soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9

SvE	Sisson-Casco-Hochheim complex	Well Drained Loamy Soil	This map unit contains 3 main components: SISSON - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. CASCO - Well drained loamy over sandy soil. Low available water capacity. This soil is not hydric. The maximum allowable erosion rate is 3 tons/acre/year. HOCHHEIM - Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. MAP UNIT DATA - Highly erodible. Not prime farmland. The land capability subclass is 6E.	1, 2, 3, 5, 6, 9
ThA	Theresa silt loam	Well Drained Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland. The land capability subclass is 2S.	1, 2, 3, 5, 6, 9
ThB	Theresa silt loam	Well Drained Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
ThB2	Theresa silt loam	Well Drained Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability subclass is 2E.	1, 2, 3, 5, 6, 9
ThC2	Theresa silt loam	Well Drained Loamy Soil	Well drained loamy soil. Moderate available water capacity. This soil is not hydric. The maximum allowable erosion rate is 4 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability subclass is 3E.	1, 2, 3, 5, 6, 9
VsA	Virgil silt loam	Somewhat Poorly Drained Silty Soil	Somewhat poorly drained silty soil. Occasionally flooded. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 3W. The subclass is 2W where the flooding limitation is removed.	2, 4, 7, 8
Wa	Walkill silt loam	Very Poorly Drained Loamy Soil	Very poorly drained loamy soil. Frequently ponded. Frequently flooded. Very high available water capacity. This soil is hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland where drained and protected from flooding. The land capability subclass is 5W. The subclass is 3W where the wetness and flooding limitations are removed.	4, 8

WmA	Wasepi sandy loam	Somewhat Poorly Drained Loamy Soil	Somewhat poorly drained loam soil. Low available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 4 tons/acre/year. Not highly erodible. Prime farmland where drained. The land capability subclass is 3S.	2, 4, 7, 8
Ww	Wet alluvial land	Poorly Drained Loamy	Poorly drained loamy. Frequently ponded. Frequently flooded. This component is hydric. Not highly erodible. Prime farmland where drained and protected from flooding. The land capability subclass is 6W. The subclass is 3W where the wetness and flooding limitations are removed.	4, 8
YrA	Yahara silt loam	Somewhat Poorly Drained Loamy Soil	Somewhat poorly drained loamy soil. High available water capacity. This soil is not hydric, but the map unit commonly contains hydric inclusions. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland were drained. The land capability subclass is 2E.	2, 4, 7, 8
ZuA	Zurich silt loam	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Not highly erodible. Prime farmland. The land capability class is 1.	1, 2, 3, 5, 6, 9
ZuB	Zurich silt loam	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability class is 2E.	1, 2, 3, 5, 6, 9
ZuB2	Zurich silt loam	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Prime farmland. The land capability class is 2E.	1, 2, 3, 5, 6, 9
ZuC2	Zurich silt loam	Well Drained Silty Soil	Well drained silty soil. High available water capacity. This soil is not hydric. The maximum allowable erosion rate is 5 tons/acre/year. Potentially highly erodible. Not prime farmland. The land capability class is 3E.	1, 2, 3, 5, 6, 9