

**WISCONSIN FORESTRY TECHNICAL NOTE 1
APPENDIX A**

Wisconsin Native Tree Guide

| Major Land Resource Area (MLRA) WDNR Ecological Landscape | Drainage Class | Uses | Exposure | Species Recommended |
|--|---|---|----------------------|----------------------------|
| 90B Forest Transition | E-W | Forest Products, Upland Wildlife Habitat, Windbreaks and Shelterbelts | Open | Jack Pine |
| | E-W | Forest Products, Upland Wildlife Habitat, Windbreaks and Shelterbelts | Open, Partial Shade | Bur Oak |
| | W | Forest Products, Upland Wildlife Habitat, Wind Breaks and Shelterbelts | Partial Shade, Shade | Sugar Maple ¹ |
| | W | Forest Products, Upland Wildlife Habitat | Open | Bigtooth Aspen |
| | W-MW | Forest Products, Riparian and Upland Wildlife Habitat, Christmas Trees | Open, Partial Shade | Balsam Fir |
| | W-MW | Forest Products, Riparian and Upland Wildlife Habitat, Christmas Trees | Open | Red Pine |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open | Paper Birch |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open | Black Cherry |
| | W-MW | Forest Products, Upland Wildlife Habitat | Partial Shade | Yellow Birch ¹ |
| | W-MW | Forest Products, Upland Wildlife Habitat | Partial Shade, Shade | Eastern Hemlock |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open | Butternut |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open, Partial Shade | American Basswood |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open, Partial Shade | Bitternut Hickory |
| | W-MW | Forest Products, Upland Wildlife Habitat | Partial Shade, Shade | Rock Elm |
| | W-MW | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts | Open | White Ash ² |
| | W-MW | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts | Open | Quaking Aspen |
| | W-MW | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts | Open, Partial Shade | White Oak |
| | W-MW | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts | Open, Partial Shade | Northern Red Oak |
| | W-SP | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts, Christmas Trees | Open, Partial Shade | Eastern White Pine |
| | MW | Forest Products, Upland Wildlife Habitat | Open, Partial Shade | Slippery (Red) Elm |
| | MW-SP | Forest Products, Upland Wildlife Habitat, Riparian Wildlife Habitat, Windbreaks and Shelterbelts, Christmas Trees | Open, Partial Shade | White Spruce |
| | MW-SP | Forest Products, Riparian Wildlife Habitat, Upland Wildlife Habitat | Open | Red Maple |
| | MW-SP | Forest Products, Riparian Wildlife Habitat, Upland Wildlife Habitat | Open | Balsam Poplar |
| MW-SP | Forest Products, Riparian Wildlife Habitat, Upland Wildlife Habitat | Open, Partial Shade | American Elm | |
| MW-SP | Riparian Wildlife Habitat, Windbreaks and Shelterbelts | Partial Shade, Shade | Hackberry | |
| MW-SP | Riparian Wildlife Habitat | Open | Eastern Cottonwood | |

Drainage Class: E=Excessive W=Well MW=Moderately Well SP=Somewhat Poorly P=Poorly VP=Very Poorly

¹Sugar Maple exhibits allelopathic properties against Yellow Birch.

²Limit the planting of Ash to 10% or less of a new planting. Do not plant Ash in quarantined counties.

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|---|---------------------------------------|---|------------------------|--------------------------|
| | MW-P | Forest Products, Riparian Wildlife Habitat, Wetland Wildlife Habitat, Windbreaks and Shelterbelts | Open, Partial Shade | Northern White Cedar |
| | SP-P | Forest Products, Riparian Wildlife Habitat, Windbreaks and Shelterbelts | Open | Green Ash ² |
| | SP-P | Riparian Wildlife Habitat | Open | Silver Maple |
| | P-VP | Forest Products, Riparian Wildlife Habitat | Open | Black Ash ² |
| | P-VP | Forest Products, Wetland Wildlife Habitat | Open | Tamarack |
| | P-VP | Forest Products, Wetland Wildlife Habitat | Open, Partial Shade | Black Spruce |
| | P-VP | Riparian Wildlife Habitat | Open | Black Willow |
| 90A North Central Forest | E-W | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts | Open | Jack Pine |
| | W | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts | Partial Shade, Shade | Sugar Maple ¹ |
| | W | Forest Products, Upland Wildlife Habitat | Open | Bigtooth Aspen |
| | W-MW | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts, Christmas Trees | Open | Red Pine |
| | W-MW | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts | Open | Quaking Aspen |
| | W-MW | Forest Products, Wildlife Habitat, Christmas Trees | Open, Partial Shade | Northern Red Oak |
| | W-MW | Forest Products, Wildlife Habitat, Christmas Trees | Open, Partial Shade | Balsam Fir |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open | Black Cherry |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open | Paper Birch |
| | W-MW | Forest Products, Upland Wildlife Habitat | Open, Partial Shade | American Basswood |
| | W-MW | Forest Products, Upland Wildlife Habitat | Partial Shade | Yellow Birch |
| | W-MW | Forest Products, Upland Wildlife Habitat | Partial Shade, Shade | Eastern Hemlock |
| | W-MW | Forest Products, Upland Wildlife Habitat | Partial Shade, Shade | Rock Elm |
| | W-SP | Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts, Christmas Trees | Open, Partial Shade | Eastern White Pine |
| | MW-SP | Forest Products, Riparian and Upland Wildlife Habitat, Wind Breaks/Shelterbelts, Christmas Trees | Open, Partial Shade | White Spruce |
| | MW-SP | Forest Products, Riparian Wildlife Habitat, Upland Wildlife Habitat | Open, Partial Shade | American Elm |
| | MW-SP | Forest Products, Riparian Wildlife Habitat | Open | Red Maple |
| | MW-SP | Forest Products, Riparian Wildlife Habitat | Open | Balsam Poplar |
| | MW-P | Forest Products, Riparian Wildlife Habitat, Wetland Wildlife Habitat, Windbreaks/Shelterbelts | Open, Partial Shade | Northern White Cedar |
| | SP-P | Forest Products, Riparian Wildlife Habitat, Windbreaks/Shelterbelts | Open | Green Ash ² |
| SP-P | Riparian/Flood Plain Wildlife Habitat | Open | Silver Maple | |
| SP-P | Riparian/Flood Plain Wildlife Habitat | Open | Black Ash ² | |

Drainage Class: E=Excessive W=Well MW=Moderately Well SP=Somewhat Poorly P=Poorly VP=Very Poorly

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²Limit the planting of Ash to 10% or less of a new planting. Do not plant Ash in quarantined counties.

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|---|----------------|--|---------------------|---------------------|
| | P-VP | Forest Products, Riparian Wildlife Habitat | Open | Tamarack |
| | P-VP | Forest Products, Wetland Wildlife Habitat | Open, Partial Shade | Black Spruce |

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²Limit the planting of Ash to 10% or less of a new planting. Do not plant Ash in quarantined counties.

**WISCONSIN FORESTRY TECHNICAL NOTE 1
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**Wisconsin Native Shrub Guide
Statewide**

| Drainage Class | Uses | Exposure | Species Recommended |
|-----------------------|---|---------------------|--|
| E-W | Browse and Cover, Height-4', Woodlands | Open | N. Bush Honeysuckle (<i>Diervilla lonicera</i>) |
| E-W | Browse and Fruit, Height-20', Woodlands | Open | Choke Cherry (<i>Prunus virginiana</i>) |
| E-W | Browse, Fruit and Flowers, Height-30', Forms Thickets, Oak Savanna | Open | Staghorn Sumac (<i>Rhus typhina</i>) |
| E-W | Browse and Fruit, Height-1', Open Woodlands, Barrens | Open | Blueberry (<i>Vaccinium</i> sp.) |
| E-W | Browse and Fruit, Height-6', Woodlands | Partial Shade-Shade | Mapleleaf Viburnum (<i>Viburnum acerifolium</i>) |
| E-MW | Browse, Fruit and Cover, Height-6', Forms Thickets, Woodlands | Open | Common Blackberry (<i>Rubus allegheniensis</i>) |
| W | Cover, Height-10', Grasslands | Open | Common Ninebark (<i>Physocarpus opulifolius</i>) |
| W-MW | Browse and Fruit, Height-25', Fall Foliage, Woodlands | Partial Shade-Shade | Alternatleaf Dogwood (<i>Cornus alternifolia</i>) |
| W-MW | Browse and Fruit, Height-6', Forms Thickets, Woodlands | Open-Partial Shade | Gray Dogwood (<i>Cornus racemosa</i>) |
| W-MW | Browse and Fruit, Height-25', Woodlands | Open | Pin Cherry (<i>Prunus pensylvanica</i>) |
| W-MW | Browse, Fruit and Cover, Height-5', Woodlands | Partial Shade | Prickly Gooseberry (<i>Ribes cynosbati</i>) |
| W-MW | Browse, Fruit and Cover, Height-5', Woodlands | Open | Black Raspberry (<i>Rubus occidentalis</i>) |
| W-MW | Fruit and Cover, Height-20', Grasslands | Open | Hawthorns (<i>Crataegus</i> sp.) |
| W-MW | Cover and Fruit, Height-6', Forms thickets, Grasslands-Riparian-Woodland Border | Partial Shade-Shade | Sand Cherry (<i>Prunus pumila</i>) |
| W-MW | Cover and Browse, Height-10', Forms Thickets, Prairie-Sand Barrens-Savanna | Open-Partial Shade | Prairie Willow (<i>Salix humilis</i> Marshall) |
| MW | Browse and Nuts, Height-10', Forms Thickets, Woodlands | Open-Partial Shade | American Hazelnut (<i>Corylus americana</i>) |
| MW | Fruit and Cover, Height-7', Forms Thickets, Woodlands | Open | Elderberry (<i>Sambucus canadensis</i>) |
| MW-SP | Browse and Fruit, Height-25', Attractive Spring Blossom, Woodlands | Partial Shade-Shade | Juneberry, sp. (<i>Amelanchier</i> sp.) |
| MW-SP | Browse and Fruit, Height-9', Woodlands | Open-Partial Shade | Roundleaf Dogwood (<i>Cornus rugosa</i>) |
| MW-SP | Browse and Fruit, Height-2', Woodlands | Open-Partial Shade | Black Huckleberry (<i>Gaylussacia baccata</i>) |
| MW-SP | Browse and Fruit, Height-28', Woodlands | Partial Shade-Shade | Nannyberry (<i>Viburnum lentago</i>) |
| MW-SP | Cover and Fruit, Height-6', Woodlands | Open-Partial Shade | Downy Arrowwood (<i>Viburnum rafinesquianum</i>) |
| SP-P | Browse and Cover, Height-15', Riparian Forests | Open-Partial Shade | Pale Dogwood (<i>Cornus obliqua purpusi</i>) |
| SP-P | Browse and Fruit, Height-6', Woodlands | Open-Partial Shade | Winterberry (<i>Ilex verticillata</i>) |
| SP-P | Browse, Fruit and Cover, Height-3', Woodlands | Open | Gooseberry (<i>Ribes hirtellum</i>) |
| SP-P | Browse and Cover, Height-10', Forms Thickets, Lake Dunes and Sand Bars | Open | Sandbar Willow (<i>Salix interior</i>) |
| SP-VP | Cover, Butterfly Nectar, Height-5', Grasslands | Open | Hard-hack (Steeplebush) (<i>Spiraea tomentosa</i>) |
| SP-VP | Cover, Browse, Buds, Height-4', Damp Meadows | Open | White Meadowsweet (<i>Spiraea alba</i>) |
| P-VP | Browse, Height-20', Wetlands | Open | Bog (Dwarf) Birch (<i>Betula pumila</i>) |
| P-VP | Browse and Cover, Height-5', Forms Thickets, Wetlands-Riparian | Open-Partial Shade | Red-Osier Dogwood (<i>Cornus stolonifera</i>) |
| VP | Browse, Cover and Seeds, Height-16', Riparian and Wetlands | Open-Partial Shade | Speckled Alder (<i>Alnus rugosa</i>) |

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**Wisconsin Native Shrub Guide
Langlade County**

| Drainage Class | Uses | Exposure | Species Recommended |
|-----------------------|--|---------------------|--|
| E-W | Browse and Cover, Height-2', Grasslands | Open | Sweetfern (<i>Comptonia peregrina</i>) |
| W | Nuts, Height-10', Forms Thickets, Woodlands | Open-Partial Shade | Beaked Hazelnut (<i>Corylus cornuta</i>) |
| W-MW | Cover, Height-6', Attracts Hummingbirds, Woodlands | Open-Partial Shade | Am. Fly Honeysuckle (<i>Lonicera canadensis</i>) |
| W-MW | Browse and Cover, Height-5', Woodlands | Partial Shade-Shade | American Yew (<i>Taxus canadensis</i>) |
| MW-SP | Fruit and Cover, Height-15', Forms Thickets, Woodlands | Open-Partial Shade | Canada Plum (<i>Prunus nigra</i>) |