

ALLERGENIC TREES OF MICHIGAN<sup>1</sup>

UPPER PENINSULA			NORTHERN LOWER PENINSULA			SOUTHERN LOWER PENINSULA					
Marquette	Escanaba	Sault Ste. Marie	Traverse City	Cadillac	Alpena	Grand Rapids	Kalamazoo	Lansing	Saginaw	Flint	Detroit

**CROSS-REACTIVE TREES**

Ash, Red/Green												
Ash, White												
Aspen												
Cottonwood, Eastern												
Poplar, White												
<i>Willow, Black<sup>2</sup></i>												
Beech, American												
Oak, Black												
Oak, Bur												
Oak, Red												
Oak, White												
Birch, Red/River												
Hazelnut												
Box Elder												
Maple, Red												
Maple, Soft/Silver												
Maple, Sugar/Hard												
Elm, American												
Elm, Siberian												
Hickory, Pignut												
Hickory, Shagbark												
Hickory, Shellbark												
Hickory, White (Mockernut)												
<i>Walnut, Black<sup>2</sup></i>												
Mulberry, Red												
Mulberry, White												



**OTHER TREES**

Cedar, Red												
Hackberry												
Locust, Black <sup>3</sup>												
Pine, White												
Privet, Common <sup>3</sup>												
Sycamore, Eastern												

<sup>1</sup> Species grouped in boxes are cross-reactive

<sup>2</sup> Italicized species demonstrate only moderate cross-reactivity with other(s) in the respective box

<sup>3</sup> This species is insect-pollinated

	Present in area
	Absent in area or unconfirmed

## ALLERGENIC GRASSES OF MICHIGAN<sup>1</sup>

UPPER PENINSULA			NORTHERN LOWER PENINSULA			SOUTHERN LOWER PENINSULA					
Marquette	Escanaba	Sault Ste. Marie	Traverse City	Cadillac	Alpena	Grand Rapids	Kalamazoo	Lansing	Saginaw	Flint	Detroit

### CROSS-REACTIVE GRASSES



Blue, Canada	Present	Present	Present	Present	Absent	Absent	Present	Present	Present	Present	Present	Present
Blue, Kentucky/June	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Brome, Smooth	Present	Absent	Present	Present	Present	Present	Present	Present	Absent	Present	Absent	Present
Canarygrass, Reed	Absent	Absent	Present	Present	Present	Present	Present	Present	Absent	Absent	Absent	Present
<i>Couch/Quack</i> <sup>2</sup>	Present	Absent	Present	Present	Present	Present	Present	Present	Absent	Absent	Absent	Present
Meadow Fescue	Absent	Absent	Present	Present	Present	Present	Present	Absent	Absent	Absent	Absent	Present
Orchard	Present	Present	Present	Present	Absent	Absent	Present	Present	Present	Absent	Present	Present
Rye, Perennial	Absent	Absent	Absent	Absent	Absent	Absent	Present	Present	Absent	Absent	Present	Present
<i>Sweet Vernal</i> <sup>2</sup>	Absent	Absent	Present	Absent	Absent	Absent	Present	Present	Present	Absent	Absent	Present
Timothy	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
<i>Velvet Grass</i> <sup>2</sup>	Absent	Absent	Absent	Absent	Absent	Absent	Present	Present	Present	Absent	Absent	Present
<i>Wheatgrass, Western</i> <sup>2</sup>	Absent	Absent	Present	Absent	Absent	Absent	Present	Present	Absent	Absent	Absent	Present

### OTHER GRASSES

Bermuda	Absent	Absent	Absent	Absent	Absent	Absent	Present	Present	Absent	Absent	Absent	Present
Johnson	Absent	Absent	Absent	Absent	Absent	Absent	Present	Present	Absent	Absent	Absent	Present

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ALLERGENIC WEEDS OF MICHIGAN<sup>1</sup>

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**CROSS-REACTIVE WEEDS**



Dock, Yellow	Present	Present	Present	Absent	Absent	Present	Present	Present	Present	Present	Present	Present
Sorrel, Sheep/Red	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Marsh Elder, Burweed	Absent	Present	Absent	Absent	Absent	Present	Absent	Present	Present	Absent	Absent	Present
March Elder, True/Rough	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Present
Mugwort, Common	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Present
Mugwort, Darkleaved	Absent	Present	Present	Absent	Absent	Present	Present	Present	Absent	Absent	Absent	Present
Careless Weed	Absent	Absent	Absent	Absent	Absent	Absent	Present	Absent	Absent	Absent	Absent	Present
Pigweed, Rough/Redroot	Present	Absent	Present	Absent	Absent	Present	Present	Present	Present	Present	Absent	Present
Western Water Hemp	Absent	Absent	Absent	Absent	Absent	Present	Present	Present	Present	Present	Present	Present
Ragweed, Giant	Present	Absent	Present	Absent	Absent	Present	Present	Present	Present	Absent	Absent	Present
Ragweed, Short	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ragweed, Western	Present	Present	Present	Present	Present	Present	Present	Absent	Absent	Absent	Absent	Absent

**OTHER WEEDS**

Cocklebur	Absent	Absent	Absent	Absent	Absent	Present	Present	Present	Present	Present	Absent	Present
Goldenrod <sup>3</sup>	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Absent	Present
Kochia/Firebush	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Present	Present
Lamb's Quarter	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Absent	Present
Nettle	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Absent	Present
Plantain, English	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

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