

# EASTERN HEMLOCK

*Tsuga canadensis*



Ohio Department of Natural Resources

<b>Mature Height</b>	70 feet— sometimes much taller	<b>Soil Type</b>	Moist, acid soils
<b>Mature Spread</b>	35 feet	<b>Flower Color</b>	Inconspicuous
<b>Mature Form</b>	Pyramidal	<b>Foliage Color</b>	Green needles
<b>Growth Rate</b>	Medium	<b>Fall Color</b>	Green Evergreen
<b>Sun Exposure</b>	Part shade to part sun	<b>Zones</b>	3-9
<b>Soil Moisture</b>	Moist		

This coniferous tree is native in only a few Indiana locations, but is becoming a popular landscapes tree across the eastern Midwest. . The small cones hang from the tips of branches. It is easily sheared and multiple trees can be shaped into a hedge. Urban foresters do not consider this tree a good general landscape tree, but it can be used for special effects as shown in the middle picture below. Eastern Hemlock prefers a very wet to moist environment and is the reason it is not considered a good landscape tree. The needles have a blue white underside and are very soft to the touch. As seen in the picture above this tree has an open appearance when not sheared. Scaly bark is common on young trees but as the tree ages, the bark becomes very rigid and deeply furrowed. Subject to severe damage from the Hemlock Woolly Adelgid - a sap sucking bug.



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University of Connecticut



North Carolina State University



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