

## Tolerance of Selected Tree & Shrub Species in Michigan

Tolerance	Conifer/Softwood	Deciduous/Hardwood
very intolerant ΓΓΓΓΓ	tamarack jack pine	paper birch <i>pin cherry</i> <i>wild rose</i> <i>American hazel</i>
intolerant ΓΓΓΓ	red pine	silver maple cottonwood quaking aspen <i>tag alder</i> <i>some juneberries</i> <i>alder-leaf buckthorn</i>
intermediate ΓΓΓ	black spruce white pine	red maple balm-of-Gilead bigtooth aspen black cherry northern red oak black willow <i>some juneberries</i> <i>choke cherry</i> <i>high-bush cranberry</i> <i>staghorn sumac</i> <i>beaked hazel</i>
tolerant ΓΓ	balsam fir white spruce	yellow birch black ash American elm
very tolerant Γ	cedar hemlock	sugar maple basswood ironwood <i>mountain maple</i> <i>leatherwood</i> <i>prickly ash</i>

Source: E.V. Bakuzis, University of Minnesota College of Forestry

Articles/Handouts/Bakuzis.doc

Note: Shrub species are *italicized*