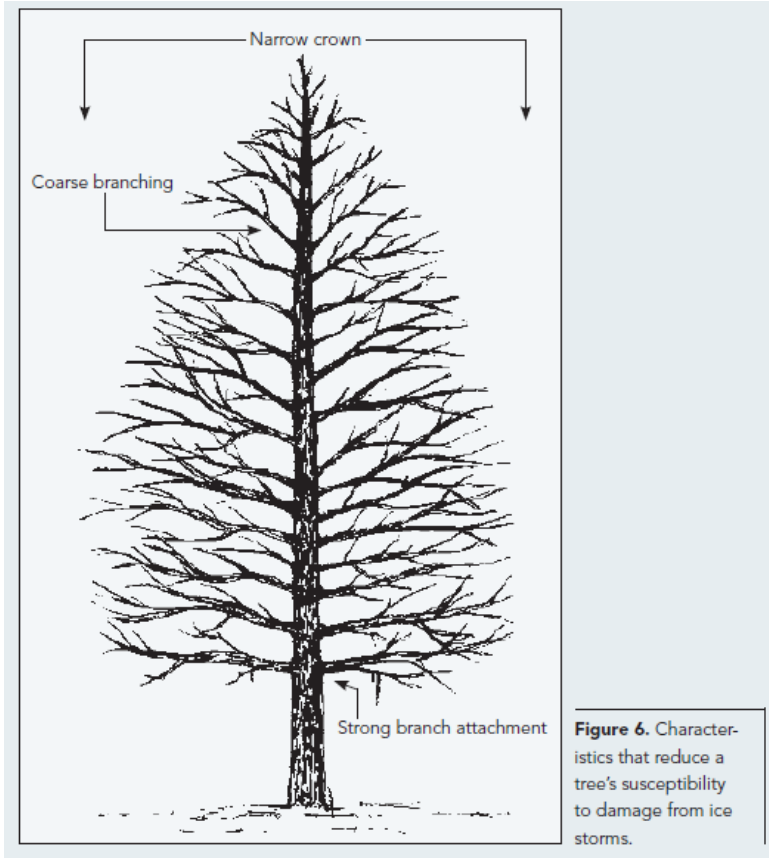


# Trees and Ice Storms: The development of ice storm-resistant urban tree populations.



- Brittle trees tend to be fast growers.
- Because of their desirable growth potential and the prospect of making quick shade, "weak" trees are sought out and planted by homeowners.
- Planting these trees will only exacerbate the problem of limb breakage.

**Table 2. Ice Storm Susceptibility of Tree Species Found Growing in Urban Areas.**

Susceptible	Intermediate	Resistant
American basswood	American beech	Amur maple
American elm	Boxelder	Baldcypress
Bigtooth aspen	Chestnut oak	Balsam fir
Black ash	Choke cherry	Bitternut hickory
Black cherry	Douglas-fir	Black walnut
Black locust	Eastern white pine	Blackgum
Black oak	Gray birch	Blue beech
Bradford pear	Green ash	Bur oak
Butternut	Japanese larch	Catalpa
Common hackberry	Loblolly pine	Colorado blue spruce
Eastern cottonwood	Northern red oak	Crabapple
Honey locust	Paper birch	Eastern hemlock
Jack pine	Pin oak	Eastern redcedar
Pin cherry	Red maple	European larch
Pitch pine	Red pine	Ginkgo
Quaking aspen	Scarlet oak	Hophornbeam
Red elm	Scotch pine	Horsechestnut
River birch	Slash pine	Kentucky coffeetree
Siberian elm	Sourwood	Littleleaf linden
Silver maple	Sugar maple	Mountain ash
Virginia pine	Sycamore	Northern white cedar
Willow	Tamarack	Norway maple
	Tulip poplar	Norway spruce
	White ash	Ohio buckeye
	Yellow birch	Pignut hickory
		Shagbark hickory
		Swamp white oak
		Sweetgum
		White oak
		White spruce
		Witch-hazel
		Yellow buckeye

Adapted from Hauer et al. (1993) and published reports from 42 primary publications. Species ratings are consistent with the first edition of this publication except for green ash, pin oak (both previously rated as susceptible) and bur oak (previously rated as intermediate).