

## Flood tolerance of species

**Very flood tolerant** - able to survive deep, prolonged flooding for more than one year.

**Flood tolerant** - able to survive deep flooding for one growing season, with significant mortality occurring if flooding is repeated the following year.

**Intermediately flood tolerant** - able to survive flooding or saturated soils for 30 consecutive days during the growing season.

**Flood intolerant** – unable to survive more than a few days of flooding during the growing season without significant mortality.

Species Common Name	Very Tolerant	Tolerant	Somewhat Tolerant	Intolerant
American beech				
Baldcypress				
Bitternut hickory				✓
Black cherry				✓
Black locust				
Black oak				✓
Black walnut				✓
Black willow	✓			
Bur oak			✓	
Butternut				✓
Catalpa				
Chestnut oak				
Chinkapin oak				
Eastern cottonwood		✓		
Eastern redcedar				
Flowering dogwood				✓
Green ash	✓			
Hackberry		✓		
Hawthorn			✓	
Hazelnut				
Honeylocust			✓	
Loblolly pine				
Mockernut hickory				✓
Northern red oak				✓
Pawpaw				
Persimmon		✓		
Pignut hickory				
Pin oak		✓		
Post oak				✓
Quaking aspen				
Red maple		✓		

Red pine				
Redbud				✓
River birch			✓	
Sassafras				✓
Shagbark hickory				✓
Shellbark hickory				✓
Shingle oak		✓		
Shumard oak				✓
Silver maple		✓		
Sourwood				
Sugar maple				
Swamp chestnut oak				
Swamp white oak			✓	
Sweetgum		✓		
Sycamore		✓		
White oak				✓
White pine				
White spruce				
Yellow buckeye				
Yellow poplar				