


I. SOIL MOISTURE AND pH CHART

<i>BOTANICAL NAME</i>	<i>COMMON NAME</i>												
		occasionally saturated or very wet soil			consistently moist, well drained soil			occasional periods of dry soil			prolonged periods of dry soil		
		1	2	3	4	5	6	7	8	9	10	11	12
pH ≤ 7.0													
<i>Acer rubrum</i>	Red Maple												
	Red Sunset®, 'Bowhall'	1	2	3	4	5	6	7	8	9	10	11	12
	'Autumn Flame', October Glory®	1	2	3	4	5	6	7	8	9	10	11	12
	Northwood®, 'Karpick'	1	2	3	4	5	6	7	8	9	10	11	12
<i>Betula nigra</i> 'Cully' & 'BNMTF'	Heritage® & Dura-Heat™ River Birch	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus palustris</i>	Pin Oak	1	2	3	4	5	6	7	8	9	10	11	12
pH ≤ 7.5													
<i>Acer buergerianum</i>	Trident Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer saccharum</i>	Sugar Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer x freemanii</i>	Freeman Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Amelanchier</i> species	Serviceberry Species and Hybrids	1	2	3	4	5	6	7	8	9	10	11	12
<i>Betula populifolia</i> 'Whitespire Sr.'	Whitespire Sr. Gray Birch	1	2	3	4	5	6	7	8	9	10	11	12
<i>Carpinus caroliniana</i>	Ironwood	1	2	3	4	5	6	7	8	9	10	11	12
<i>Celtis laevigata</i>	Sugar Hackberry	1	2	3	4	5	6	7	8	9	10	11	12
<i>Liquidambar styraciflua</i>	American Sweetgum	1	2	3	4	5	6	7	8	9	10	11	12
<i>Nyssa sylvatica</i>	Black Tupelo	1	2	3	4	5	6	7	8	9	10	11	12
<i>Prunus</i> 'Accolade'	Accolade Flowering Cherry	1	2	3	4	5	6	7	8	9	10	11	12
<i>Prunus</i> 'Snow Goose'	Snow Goose Cherry	1	2	3	4	5	6	7	8	9	10	11	12
<i>Prunus sargentii</i>	Sargent Cherry	1	2	3	4	5	6	7	8	9	10	11	12
<i>Prunus virginiana</i> 'Canada Red Select'	Canada Red Chokecherry	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus acutissima</i>	Sawtooth Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus bicolor</i>	Swamp White Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus coccinea</i>	Scarlet Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus imbricaria</i>	Shingle Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus phellos</i>	Willow Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus rubra</i>	Northern Red Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Taxodium distichum</i>	Common Baldcypress	1	2	3	4	5	6	7	8	9	10	11	12
pH ≤ 8.2													
<i>Acer campestre</i>	Hedge Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer miyabei</i>	Miyabei Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer platanoides</i>	Norway Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer pseudoplatanus</i>	Sycamore Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer tataricum</i>	Tartarian Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer tataricum</i> ssp. <i>ginnala</i>	Amur Maple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Acer truncatum</i>	Shantung Maple	1	2	3	4	5	6	7	8	9	10	11	12

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pH < 8.2 (continued)													
<i>Aesculus x carnea</i>	Red Horsechestnut	1	2	3	4	5	6	7	8	9	10	11	12
<i>Alnus glutinosa</i>	European Alder	1	2	3	4	5	6	7	8	9	10	11	12
<i>Carpinus betulus</i>	European Hornbeam	1	2	3	4	5	6	7	8	9	10	11	12
<i>Catalpa speciosa</i>	Northern Catalpa	1	2	3	4	5	6	7	8	9	10	11	12
<i>Celtis occidentalis</i>	Common Hackberry	1	2	3	4	5	6	7	8	9	10	11	12
<i>Cercidiphyllum japonicum</i>	Katsura Tree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Cercis canadensis</i>	Eastern Redbud	1	2	3	4	5	6	7	8	9	10	11	12
<i>Cladrastis kentukea</i>	Yellowwood	1	2	3	4	5	6	7	8	9	10	11	12
<i>Cornus mas</i>	Corneliancherry Dogwood	1	2	3	4	5	6	7	8	9	10	11	12
<i>Corylus colurna</i>	Turkish Filbert	1	2	3	4	5	6	7	8	9	10	11	12
<i>Cotinus obovatus</i>	American Smoketree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Crataegus crus-galli</i> var. <i>inermis</i>	Thornless Cockspur Hawthorn	1	2	3	4	5	6	7	8	9	10	11	12
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	1	2	3	4	5	6	7	8	9	10	11	12
<i>Crataegus punctata</i> var. <i>inermis</i> 'Ohio Pioneer'	Ohio Pioneer Dotted Hawthorn	1	2	3	4	5	6	7	8	9	10	11	12
<i>Crataegus viridis</i> 'Winter King'	Winter King Hawthorn	1	2	3	4	5	6	7	8	9	10	11	12
<i>Eucommia ulmoides</i>	Hardy Rubber Tree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Fraxinus americana</i>	White Ash	1	2	3	4	5	6	7	8	9	10	11	12
<i>Fraxinus excelsior</i>	European Ash	1	2	3	4	5	6	7	8	9	10	11	12
<i>Fraxinus</i> 'Northern Gem' and 'Northern Treasure'	Northern Gem Ash and Northern Treasure Ash	1	2	3	4	5	6	7	8	9	10	11	12
<i>Fraxinus pennsylvanica</i>	Green Ash	1	2	3	4	5	6	7	8	9	10	11	12
<i>Ginkgo biloba</i>	Ginkgo	1	2	3	4	5	6	7	8	9	10	11	12
<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Thornless Common Honeylocust	1	2	3	4	5	6	7	8	9	10	11	12
<i>Gymnocladus dioicus</i>	Kentucky Coffeetree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Koelreuteria paniculata</i>	Goldenraintree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Liriodendron tulipifera</i>	Tuliptree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Maclura pomifera</i> var. <i>inermis</i>	Osage Orange	1	2	3	4	5	6	7	8	9	10	11	12
<i>Malus species</i>	Crabapple	1	2	3	4	5	6	7	8	9	10	11	12
<i>Metasequoia glyptostroboides</i>	Dawn Redwood	1	2	3	4	5	6	7	8	9	10	11	12
<i>Ostrya virginiana</i>	American Hophornbeam	1	2	3	4	5	6	7	8	9	10	11	12
<i>Parrotia persica</i>	Persian Parrotia	1	2	3	4	5	6	7	8	9	10	11	12
<i>Phellodendron amurense</i>	Amur Corktree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Platanus x acerifolia</i>	London Planetree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Pyrus betulaefolia</i>	Birchleaf Pear	1	2	3	4	5	6	7	8	9	10	11	12
<i>Pyrus calleryana</i>	Callery Pear	1	2	3	4	5	6	7	8	9	10	11	12
<i>Pyrus fauriei</i> 'Westwood'	Korean Sun™ Pear	1	2	3	4	5	6	7	8	9	10	11	12
<i>Pyrus ussuriensis</i>	Ussurian Pear	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus macrocarpa</i>	Bur Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus muehlenbergii</i>	Chinkapin Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus robur</i>	English Oak	1	2	3	4	5	6	7	8	9	10	11	12
<i>Quercus shumardii</i>	Schumard Oak	1	2	3	4	5	6	7	8	9	10	11	12

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		pH ≤ 8.2 (continued)											
<i>Robinia pseudoacacia</i>	Black Locust	1	2	3	4	5	6	7	8	9	10	11	12
<i>Sorbus alnifolia</i>	Korean Mountainash	1	2	3	4	5	6	7	8	9	10	11	12
<i>Sorbus intermedia</i>	Swedish Mountainash	1	2	3	4	5	6	7	8	9	10	11	12
<i>Sorbus x hybrida</i> and <i>Sorbus x thuringiaca</i>	Oak-Leaf Mountainash	1	2	3	4	5	6	7	8	9	10	11	12
<i>Styphnolobium japonicum</i> (<i>Sophora japonica</i>)	Japanese Pagodatree	1	2	3	4	5	6	7	8	9	10	11	12
<i>Syringa reticulata</i>	Japanese Tree Lilac	1	2	3	4	5	6	7	8	9	10	11	12
<i>Tilia americana</i>	Basswood	1	2	3	4	5	6	7	8	9	10	11	12
<i>Tilia cordata</i>	Littleleaf Linden	1	2	3	4	5	6	7	8	9	10	11	12
<i>Tilia x euchlora</i>	Crimean Linden	1	2	3	4	5	6	7	8	9	10	11	12
<i>Tilia tomentosa</i>	Silver Linden	1	2	3	4	5	6	7	8	9	10	11	12
<i>Ulmus americana</i>	American Elm	1	2	3	4	5	6	7	8	9	10	11	12
<i>Ulmus parvifolia</i>	Chinese Elm	1	2	3	4	5	6	7	8	9	10	11	12
<i>Ulmus x species</i>	Elm Hybrids	1	2	3	4	5	6	7	8	9	10	11	12
<i>Viburnum sieboldii</i>	Siebold Viburnum	1	2	3	4	5	6	7	8	9	10	11	12
<i>Zelkova serrata</i>	Japanese Zelkova	1	2	3	4	5	6	7	8	9	10	11	12