



Filterra® Plants for Hardy Zone 5

Common Name <i>Latin Name</i>	Sun	Hardy Range	Height	Spread
<i>Plant Type: Deciduous small trees and shrubs</i>				
Buttonbush <i>Cephalanthus occidentalis</i>	Partial Shade or Partial Sun to Full Sun	4A – 10A	4' – 6'	6' – 10'
Cherry, Purpleleaf Sand <i>Prunus x cistena</i>	Full Sun	5B – 8A	6' – 8'	6' – 10'
Chokeberry, Black <i>Aronia melanocarpa</i>	Full Shade to Full Sun	3B – 8B	3' – 6'	4' – 6'
Chokeberry, Red <i>Aronia arbutifolia</i>	Partial Shade or Partial Sun to Full Sun	4B – 9A	6' – 10'	4' – 6'
Crabapple, Sargent <i>Malus sargentii</i>	Full Sun	4A – 8A	6' – 8'	10' – 12'
Dogwood, Chinese <i>Cornus kousa</i>	Partial Shade or Partial Sun to Full Sun	4B – 8A	15' – 25'	20' – 30'
Dogwood, Cornelian Cherry <i>Cornus mas</i>	Partial Shade or Partial Sun to Full Sun	4B – 8A	15' – 20'	15' – 20'
Dogwood, Graystem <i>Cornus racemosa</i>	Full Shade to Full Sun	5A – 8B	10' – 15'	10 – 15'
Dogwood, Red Osier <i>Cornus stolonifera 'Baileyi'</i>	Partial Shade or Partial Sun to Full Sun	3A – 7A	8' – 10'	8' – 10'

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Dogwood, Silky <i>Cornus amomum</i>	Full Shade to Full Sun	4B – 8A	8' – 10'	8' – 15'
Elderberry, American <i>Sambucus canadensis</i>	Full Sun	4A – 9B	10' – 15'	6' – 10'
Euonymus, Winged <i>Euonymus alatus 'compactus'</i>	Partial Shade or Partial Sun to Full Sun	5A – 8B	8' – 10'	6' – 10'
Franklin Tree <i>Franklinia alatamaha</i>	Partial Shade or Partial Sun to Full Sun	5A – 8A	15' – 25'	10' – 15'
Fringe Tree, Chinese <i>Chionanthus retusus</i>	Full Shade to Full Sun	5B – 9A	15' – 25'	10' – 15'
Fringe Tree, White <i>Chionanthus virginicus</i>	Full Shade to Full Sun	4A – 9A	15' – 25'	10' – 15'
Hawthorn, Cockspur <i>Crataegus crus-galli</i>	Full Sun	4A – 7A	15' – 25'	15' – 25'
Hawthorn, Washington <i>Crataegus phaenopyrum</i>	Full Sun	4A – 8A	15' – 25'	15' – 25'
Holly, Possum Haw <i>Ilex decidua</i>	Full Shade to Full Sun	5A – 9A	15' – 20'	15' – 25'
Holly, Winterberry <i>Ilex verticillata</i>	Partial Shade or Partial Sun to Full Sun	3B – 9A	6' – 10'	8' – 15'
Hydrangea, Wild <i>Hydrangea arborescens</i>	Partial Shade or Partial Sun to Full Sun	4A – 9A	3' – 5'	3' – 6'

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Lilac, Dwarf <i>Syringa meyeri</i>	Full Sun	3B – 8A	5' – 8'	8' – 10'
Lilac, Japanese Tree <i>Syringa reticulata</i>	Full Sun	3A – 7A	15' – 25'	10' – 15'
Magnolia, Ann <i>Magnolia x 'Ann'</i>	Partial Shade or Partial Sun to Full Sun	3B – 7A	10' – 12'	10' – 12'
Magnolia, Galaxy <i>Magnolia 'Galaxy'</i>	Partial Shade or Partial Sun to Full Sun	5A – 8B	15' – 20'	15' – 25'
Magnolia, Saucer <i>Magnolia x soulangiana</i>	Partial Shade or Partial Sun to Full Sun	5A – 9A	15' – 25'	15' – 25'
Magnolia, Star <i>Magnolia stellata</i>	Partial Shade or Partial Sun to Full Sun	4A – 8B	10' – 20'	10' – 15'
Maple, Amur <i>Acer ginnala</i>	Full Shade to Full Sun	3A – 8A	15' – 25'	15' – 25'
Northern Bayberry <i>Myrica pensylvanica</i>	Partial Shade or Partial Sun to Full Sun	3A – 7A	10' – 15'	6' – 10'
Plum, Cherry <i>Prunus cerasifera</i>	Full Sun	5B – 8A	15' – 25'	15' – 25'
Redbud, Eastern <i>Cercis canadensis</i>	Partial Shade or Partial Sun to Full Sun	4B – 9A	15' – 25'	15' – 25'

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Redbud, Western <i>Cercis occidentalis</i>	Partial Shade to Full Sun	5A – 9A	8' – 20'	10+'
Rose-of-Sharon <i>Hibiscus syriacus</i>	Partial Shade or Partial Sun to Full Sun	5B – 9A	10' – 15'	6' – 10'
Serviceberry <i>Amelanchier x grandiflora</i>	Partial Shade or Partial Sun to Full Sun	4A – 7A	15' – 25'	15' – 25'
Smoketree <i>Cotinus coggygria</i>	Full Sun	5A – 8A	10' – 15'	15' – 25'
Sweetshrub <i>Calycanthus floridus</i>	Full Shade to Full Sun	5B – 10A	6' – 10'	6' – 12'
Sweetspire, Virginia <i>Itea virginica</i>	Partial Shade or Partial Sun to Full Sun	5A – 9A	4' – 6'	6' – 10'
Viburnum, American Cranberrybush <i>Viburnum trilobum</i>	Partial Shade or Partial Sun to Full Sun	2A – 7B	8' – 12'	8' – 15'
Viburnum, Arrowwood <i>Viburnum dentatum</i>	Full Shade to Full Sun	2B – 8B	5' – 15'	5' – 12'
Viburnum, Blackhaw <i>Viburnum prunifolium</i>	Full Shade to Full Sun	3B – 9A	12' – 15'	15' – 20'
Viburnum, European Cranberry <i>Viburnum opulus</i>	Partial Shade to Full Sun	3B – 8A	8' – 12'	10'-15'

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Virburnum, Nannyberry <i>Viburnum lentago</i>	Full Shade to Full Sun	3A - 7A	15' – 25'	15' – 25'
Witch Hazel <i>Hamamelis virginiana</i>	Full Shade to Full Sun	3B – 8B	15' – 25'	15' – 25'
<i>Plant Type: Evergreen small trees and shrubs</i>				
Holly, Inkberry <i>Ilex glabra</i>	Partial Shade or Partial Sun to Full Sun	5A – 10A	6' – 10'	6' – 10'
Holly, San Jose <i>Ilex x aquipernyi</i>	Full Shade to Full Sun	5B - 9A	15' – 20'	10' – 15'

The Filterra® standard sized box accommodates a 2 foot root zone. Larger trees will require deeper boxes. Modified custom boxes can be manufactured at an additional cost.

The species listed are drought tolerant and have applicability to bioretention due to shallow root zones.

This list is subject to availability and we reserve the right to make appropriate substitutions when necessary. For species not listed, please contact for suitability.

Each Filterra® unit must receive adequate irrigation to ensure survival of the living system during periods of drier weather. This may be achieved through a piped system, gutter flow or through the tree grate. In common with all plants, each Filterra plant will require more frequent watering during the establishment period