

Common Name ¹	Latin Name	Plant Type	Sun Requirements	Hardiness Range ²	Mature Height ³	Mature Spread ³	Sizing ⁶	Nativity	Applicable Configurations		
									Filterra w/ Tree Grate	Filterra Bioscape	Filterra w/ Full Grate
Ash, Leprechaun	<i>Fraxinus pennsylvanica</i> "Johnson"	Deciduous	Full Sun to Full Shade	3A - 9A	18'	16'	Tree	US	●	●	×
Azalea, Pinxterbloom	<i>Rhododendron periclymenoides</i>	Deciduous	Full Shade to Full Sun	4B - 8A	4' - 9'	2' - 4'	S	E-US	×	●	×
Blueberry, Highbush	<i>Vaccinium corymbosum</i>	Deciduous	Partial Shade to Full Sun	3B - 8A	6' - 12'	8' - 10'	L	E-US, E-Can	●	●	×
Buffaloberry	<i>Shepherdia x</i>	Deciduous	Partial Shade to Full Sun	2B - 6B	6' - 10'	3' - 8'	M	NW-US	●	●	×
Buffaloberry	<i>Shepherdia canadensis</i>	Deciduous	Partial Shade to Full Sun	3 - 9	6' - 8'	6' - 8'	L	Can, NE-US, W-US	●	●	×
Buttonbush	<i>Cephalanthus occidentalis</i>	Deciduous	Partial Shade to Full Sun	4A - 10A	4' - 6'	6' - 10'	L	E-US	●	●	×
Cherry, Fire	<i>Prunus pensylvanica</i>	Deciduous	Partial Shade	2 - 6	15' - 30'	8'	L	Can, E-US	●	●	×
Chokeberry, Black	<i>Aronia melanocarpa</i>	Deciduous	Full Shade to Full Sun	3B - 8B	3' - 6'	4' - 6'	M	E-Can, E-US	●	●	×
Chokeberry, Red	<i>Aronia arbutifolia</i>	Deciduous	Partial Shade to Full Sun	4B - 9A	6' - 10'	4' - 6'	M	E-US	●	●	×
Chokecherry, Common	<i>Prunus virginiana</i>	Deciduous	Full Shade to Full Sun	2 - 7	15' - 25'	10' - 15'	Tree	N-US, Can	●	●	×
Crabapple, Adirondack	<i>Malus adirondack</i>	Deciduous	Full Sun	3B - 8A	15' - 20'	15'	XL	US-Developed	●	●	×
Crabapple, 'Donald Wyman'	<i>Malus 'Donald Wyman'</i>	Deciduous	Full Sun	3B - 8A	15' - 20'	15'	XL	US-Developed	●	●	×
Crabapple, 'Golden Raindrops'	<i>Malus 'Golden Raindrops'</i>	Deciduous	Full Sun	3B - 8A	15' - 20'	15'	XL	US-Developed	●	●	×
Crabapple, 'Prairiefire'	<i>Malus 'Prairiefire'</i>	Deciduous	Full Sun	3B - 8A	15' - 20'	15'	XL	US-Developed	●	●	×
Crabapple, Sargent	<i>Malus sargentii</i>	Deciduous	Full Sun	4A - 8A	6' - 8'	10' - 12'	XL	Asia	●	●	×
Crabapple, 'Sugar Tyme'	<i>Malus 'Sugar Tyme'</i>	Deciduous	Full Sun	3B - 8A	15' - 20'	15'	XL	US-Developed	●	●	×
Crabapple, 'Zumi'	<i>Malus 'Zumi'</i>	Deciduous	Full Sun	3B - 8A	15' - 20'	15'	XL	Asia	●	●	×
Dogwood, Dwarf	<i>Cornus sericea 'Kelseyi'</i>	Deciduous	Full Shade to Full Sun	2 - 9	3'	3'	S	N-US, Can	×	●	×
Dogwood, Graystem	<i>Cornus racemosa</i>	Deciduous	Partial Shade to Full Sun	4 - 8	10' - 15'	10' - 15'	XL	E-Can, NE-US, Midwest-US	●	●	×
Dogwood, Silky	<i>Cornus amomum</i>	Deciduous	Full Shade to Full Sun	4B - 8A	8' - 10'	8' - 15'	L	E-US, E-Can	●	●	×
Douglas spirea	<i>Spirea douglasii</i>	Deciduous	Partial Shade to Full Sun	1 - 9	6'	5'	M	W-US	×	●	×
Elderberry, American	<i>Sambucus canadensis</i>	Deciduous	Partial Shade to Full Sun	4A - 9B	10' - 15'	6' - 10'	L	E-US	●	●	×
Hawthorn, 'Crusader" Tree Form	<i>Crataegus crus-galli inermis 'Cruzam'</i>	Deciduous	Full Sun	4A - 7A	15'	10' - 15'	XL	E-US	●	●	×
Holly, Winterberry	<i>Ilex verticillata</i>	Deciduous	Partial Shade to Full Sun	3B - 9A	6' - 10'	8' - 15'	L	E-US, E-Can	●	●	×
Hosta	<i>Hosta</i>	Deciduous	Partial Shade	3 - 9	12" - 36"	24" - 36"	S	Asia	×	×	●
Hydrangea, Quick Fire	<i>Hydrangea paniculata</i>	Deciduous	Partial Sun to Full Sun	3 - 8	6' - 8'	6' - 8'	L	Asia	●	●	×

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Hydrangea, Wild	<i>Hydrangea arborescens</i>	Deciduous	Partial Shade to Full Sun	4A - 9A	3' – 5'	3' – 6'	M	E-US	●	●	×
Lilac, Chinese Tree	<i>Syringa reticulata</i> 'pekinensis'	Deciduous	Full Sun	3A - 7A	15' - 20'	10' - 15'	XL	Asia	×	●	×
Lilac, Dwarf	<i>Syringa meyeri</i>	Deciduous	Full Sun	3B - 8A	5' – 8'	8' – 10'	L	Asia	●	●	×
Locust, Dwarf Twisty Baby Tree Form	<i>Robinia pseudoacacia</i> 'Lace Lady'	Deciduous	Partial Shade to Full Sun	4A - 9A	8' - 10'	12' - 15'	XL	SE-US	●	●	×
Magnolia, Ann	<i>Magnolia x 'Ann'</i>	Deciduous	Partial Shade to Full Sun	3B - 7A	10' – 12'	10' – 12'	XL	Asia	●	●	×
Mock Orange, Lewis	<i>Philadelphus lewisii</i>	Deciduous	Partial Shade to Full Sun	4 - 9	10'	5'	M	W-US	×	●	×
Mountain Ash, Red Cascade	<i>Sorbus americana</i> , 'Dwarfcrone'	Deciduous	Full Sun	3A - 7A	18'	8'	L	NE-US, E-Can	●	●	×
Ninebark, Common Eastern	<i>Physocarpus opulifolius</i>	Deciduous	Partial Shade to Full Sun	2A - 7A	6' - 10'	6' - 10'	L	E-US, Midwest-US, S-US, E-	●	●	×
Ninebark, 'Diabolo'	<i>Physocarpus opulifolius</i> 'Diabolo'	Deciduous	Full Sun	3A - 7A	6' - 8'	8' - 10'	L	E-US, Midwest-US, S-US, E-	●	●	×
Ninebark, Pacific	<i>Pysocarpus capitatus</i>	Deciduous	Partial Shade to Full Sun	4 - 10	15'	15'	XL	W-US, W-Can	×	●	×
Redbud, Texas	<i>Cercis canadensis</i>	Deciduous	Partial Shade to Full Sun	4B - 9A	15' - 25'	15' - 25'	Tree	E-US, S-US, Mexico	●	●	×
Serviceberry 'Allegheny'	<i>Amelanchier laevis</i> 'Allegheny'	Deciduous	Partial Shade to Full Sun	4A - 7A	15' - 25'	15' - 25'	Tree	E-Can, E-US	●	●	×
Serviceberry 'Downy', 'Autumn Brilliance'	<i>Amelanchier arborea</i> 'Downy', 'Autumn	Deciduous	Partial Shade to Full Sun	4A - 7A	15' - 25'	15' - 25'	Tree	E-Can, E-US	●	●	×
Serviceberry, Roundleaf	<i>Amelanchier sanguinea</i>	Deciduous	Partial Shade to Full Sun	4 - 8	25' - 30'	15' - 25'	Tree	E-Can, NE-US	●	●	×
Serviceberry, Shadblow	<i>Amelanchier Canadensis</i>	Deciduous	Partial Shade to Full Sun	4A - 7A	6' - 20'	8' - 12'	XL	E-US, E-Can	●	●	×
Shrubby Cinquefoil 'Moonlight'	<i>Potentilla fruticosa</i> 'Moonlight'	Deciduous	Full Sun	3 - 8	3' - 4'	3' - 4'	S	W-US, N-US, Can	×	●	×
Shrubby Cinquefoil 'Tangerine'	<i>Potentilla fruticosa</i> 'Tangerine'	Deciduous	Full Sun	3 - 8	3' - 4'	3' - 4'	S	W-US, N-US, Can	×	●	×
Sumac, Staghorn	<i>Rhus typhina</i>	Deciduous	Partial Shade to Full Sun	3 - 8	15' - 25'	20' - 30'	Tree	NE-US, E-Can	●	●	×
Sweet Pepperbush	<i>Clethra alnifolia</i>	Deciduous	Partial Shade to Full Sun	3 - 9	5' – 8'	4' – 6'	M	E-US, E-Can	●	●	×
Viburnum x Burkwoodii	<i>Viburnum dentatum</i>	Deciduous	Partial Shade to Full Sun	4B - 8A	8' - 12'	5' - 8'	L	E-US, E-Can	●	●	×
Viburnum, American Cranberrybush	<i>Viburnum trilobum</i>	Deciduous	Partial Shade to Full Sun	2A - 7B	8' - 12'	8' - 15'	XL	NE-US, E-Can	●	●	×
Viburnum, Arrowwood	<i>Viburnum dentatum</i>	Deciduous	Full Shade to Full Sun	2B - 8B	5' – 15'	5' – 12'	L	E-US, S-US, E-Can	●	●	×
Viburnum, Blackhaw	<i>Viburnum prunifolium</i>	Deciduous	Full Shade to Full Sun	3B - 9A	12' – 15'	15' – 20'	Tree	E-US	●	●	×
Viburnum, Downy arrowwood	<i>Viburnum rafinesquianum</i>	Deciduous	Patial Shade to Partial Sun	3 - 6	5' - 8'	5' - 8'	L	E-US, S-US, E-Can	●	●	×
Virburnum, Nannyberry	<i>Viburnum lentago</i>	Deciduous	Full Shade to Full Sun	3A - 7A	15' – 25'	15' – 25'	Tree	NE-US, Midwest-US, E-Can	●	●	×
Willow, Pussy	<i>Salix discolor</i>	Deciduous	Partial Shade to Full Sun	2B - 9B	13' - 25'	10' - 20'	Tree	Can, NE-US, Midwest-US	●	●	×

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Witch Hazel, Common	<i>Hamamelis virginiana</i>	Deciduous	Full Shade to Full Sun	3B - 8B	15' – 25'	15' – 25'	Tree	E-US, E-Can	●	●	×
Austrian Pine 'Arnold Sentinel'	<i>Pinus nigra</i> 'Arnold Sentinel'	Evergreen	Full Sun	3 - 7	20' - 25'	4' - 6'	L	Europe	●	●	×
Blue Spruce "Montgomery" - Dwarf	<i>Picea pungens</i> 'Montgomery'	Evergreen	Full Sun to Partial Shade	2 - 7	5' - 10'	8'	L	W-US	●	●	×
Blue Spruce 'Baby Blue Eyes'	<i>Picea pungens</i> "Baby Blue Eyes"	Evergreen	Full Sun	2-7	10' - 20'	10'	L	W-US	●	●	×
Juniper, Blue Point	<i>Juniperus chinensis</i>	Evergreen	Partial Shade to Full Sun	4A - 10A	8' - 12'	4' - 6'	M	Asia	●	●	×
Juniper, Skyrocket	<i>Juniperus scopulorum</i>	Evergreen	Full Sun	4A - 7B	15' - 20'	3' - 4'	S	W-US, W-Can	●	●	×
Mugo Pine	<i>Pinus mugo</i>	Evergreen	Full Sun	2 - 7	15' - 20'	25' - 30'	Tree	Europe	●	●	×
Spruce, Blue Totem	<i>Picea pungens Fastiglata</i> Wells 'Blue Totem'	Evergreen	Partial Shade to Full Sun	3A - 7A	12' - 15'	2' - 3'	S	W-US	●	●	×
Spruce, Dwarf Bakeri	<i>Picea pungens</i>	Evergreen	Partial Shade to Full Sun	3A - 7A	12'	6'	M	W-US	●	●	×
Aka'akai	<i>Schoenoplectella tabernaemontani</i>	Grass/Sedge	Full Sun	4 - 9	4' - 8'	3' - 6'	M	US	×	●	×
Appalachian Sedge	<i>Carex appalachica</i>	Grass/Sedge	Partial Shade	3 - 7	6"	12" - 18"	XS	E-US	×	×	●
Blue Grama Grass	<i>Bouteloua gracilis</i>	Grass/Sedge	Partial Sun to Full Sun	4 - 9	12" - 36"	24" - 36"	S	W-US	×	●	×
Blue Oat Grass	<i>Helictotrichon sempervirens</i>	Grass/Sedge	Full sun	4 - 8	20" – 24"	20" – 40"	XS	Europe	×	●	×
Bottlebrush Sedge	<i>Carex comosa</i>	Grass/Sedge	Partial Shade to Full Sun	3B - 9A	24" - 48"	18" – 24"	XS	US, Canada	×	●	×
Caterpillar Sedge	<i>Carex crinita</i>	Grass/Sedge	Partial Shade to Shade	3B - 9A	24" - 48"	18" – 24"	XS	US	×	●	●
Dwarf Fountain Grass	<i>Pennisetum alopecuroides</i>	Grass/Sedge	Full sun	4 - 9	20" – 30"	30" – 40"	S	Asia, Australia	×	●	×
Fox Sedge	<i>Carex vulpinoidea</i>	Grass/Sedge	Full Sun	3B - 10A	12" - 36"	18"	XS	North America	×	●	×
Hameln Fountain Grass	<i>Pennisetum alopecuroides</i> 'Hameln'	Grass/Sedge	Partial Shade	4 - 11	12" - 36"	12" - 24"	XS	Asia, Australia	×	×	●
Indian Warrior Bluestem	<i>Andropogon girardii</i> 'Indian Warrior'	Grass/Sedge	Full Sun	2A - 9B	5' - 6'	30"	S	Central-US	●	●	×
Japanese Forest Grass	<i>Hakonechloa macra</i>	Grass/Sedge	Partial Shade	4 - 9	12" - 24"	12" - 18"	XS	Asia	×	×	●
Little Bluestem	<i>Schizachyrium scoparium</i>	Grass/Sedge	Full Sun	4A - 8B	18" – 24"	12"	XS	Central-US, E-US	×	●	×
Little Bluestem 'Aldous'	<i>Schizachyrium scoparium</i>	Grass/Sedge	Full sun	3 - 9	20" – 32"	24" – 36"	S	Central-US, E-US	×	●	×
Little Bluestem 'Blaze'	<i>Schizachyrium scoparium</i>	Grass/Sedge	Full sun	3 - 9	20" – 40"	40" – 48"	S	Central-US, E-US	×	●	×
Porcupine Sedge	<i>Carex hystericina</i>	Grass/Sedge	Full Sun	3B - 7A	12" - 36"	24"	XS	US, Canada	×	●	×
Reed Grass	<i>Calamagrostis acutifolia</i>	Grass/Sedge	Full sun	3 - 9	20" – 30"	50"	S	Europe/Asia-Developed	×	●	×
Switch Grass	<i>Panicum virgatum</i>	Grass/Sedge	Full Sun	2B - 9A	36" - 84"	24" – 36"	S	Can, Central-US	×	●	×

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Yellow-leaved Calamus	<i>Acorus gramineus 'Ogon'</i>	Grass/Sedge	Partial Shade	4 - 8	12"	12"	XS	Asia	×	×	●

Notes:

1. The species listed are drought tolerant and have applicability to bioretention due to shallow root zones.
2. It is the purchaser's responsibility to verify the local Hardiness Zone and source plants that are readily available. For a desired species not listed, please contact Contech for suitability.
3. Mature height and spread do not reflect plant size at planting / system activation.
4. All plants utilized in Filterra systems shall be container grown in containers not to exceed 15 gallons.
5. Contech promotes the use of non-invasive species in Filterra systems, and has made efforts to maintain a plant list free of invasives. However, always check with local sources, as some species listed (even natives) may be invasive in some regions and not others.
6. All Filterra vault systems incorporate a ponding depth ranging from 12"-36" between finished grade and media surface. For systems with more than 18" from finished grade to media (FTIBC, FTIBP, FTPD, etc), Contech recommends choosing a species with "Sizing" noted as "XL" or "Tree".