

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	●	●	✗
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	●	●	✗
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	●	●	✗
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, '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 'Kelsey'</i>	Deciduous	Full Shade to Full Sun	2 - 9	3'	3'	S	N-US, Can	✗	●	✗
Douglas spirea	<i>Spirea douglasii</i>	Deciduous	Partial Shade to Full Sun	1 - 9	6'	5'	M	W-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	●	●	✗
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	●	●	✗
Magnolia, Ann	<i>Magnolia x 'Ann'</i>	Deciduous	Partial Shade to Full Sun	3B - 7A	10' - 12'	10' - 12'	XL	Asia	●	●	✗
Mountain Ash, Red Cascade	<i>Sorbus americana</i> , "Dwarfcrow"	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-	●	●	✗
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	✗	●	✗

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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, 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	●	●	✗
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 'Arnold Sentinel'</i>	Evergreen	Full Sun	3 - 7	20' - 25'	4' - 6'	L	Europe	●	●	✗
Blue Spruce "Montgomery" - Dwarf	<i>Picea pungens 'Montgomery'</i>	Evergreen	Full Sun to Partial Shade	2 - 7	5' - 10'	8'	L	W-US	●	●	✗
Blue Spruce 'Baby Blue Eyes'	<i>Picea pungens 'Baby Blue Eyes'</i>	Evergreen	Full Sun	2-7	10' - 20'	10'	L	W-US	●	●	✗
Mugo Pine	<i>Pinus mugo</i>	Evergreen	Full Sun	2 - 7	15' - 20'	25' - 30'	Tree	Europe	●	●	✗
Spruce, Blue Totem	<i>Picea pungens Fastiglata Wells 'Blue Totem'</i>	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	●	●	✗
Appalachian Sedge	<i>Carex appalachica</i>	Grass/Sedge	Partial Shade	3 - 7	6"	12" - 18"	XS	E-US	✗	✗	●
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	✗	●	●
Fox Sedge	<i>Carex vulpinoidea</i>	Grass/Sedge	Full Sun	3B - 10A	12" - 36"	18"	XS	North America	✗	●	✗
Indian Warrior Bluestem	<i>Andropogon girardii 'Indian Warrior'</i>	Grass/Sedge	Full Sun	2A - 9B	5' - 6'	30"	S	Central-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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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".