

Plant Lists: Table 6-5 shows plants that must be used in green streets. Table 6-6 shows trees that may be used in green streets.

Designers must include accent plants at the rate of 5% of the required number of plants in addition to herbaceous and/or shrubs used to meet the specified vegetation coverage.

The minimum size for all plants, except trees, is a #1 container. The minimum size for all balled and burlap (B&B) trees is a 2-inch caliper. No trees larger than a 3.5-inch caliper will be accepted unless approved by BES.

For green streets located in an environmental overlay, trees and plants must be native species on the [Portland Plant List](#).

Table 6-5. Plant List for Vegetated Stormwater Facilities (Green Streets)

	Scientific Name	Common Name	Zone	Northwest Native	Evergreen	Potential Height, inches	O.C. Triangular Spacing, inches
Herbaceous Plants	<i>Carex obnupta</i>	Slough Sedge	A	Y	Y	48	12
	<i>Juncus patens</i>	Spreading Rush	A	Y	Y	36	12
	<i>Liriope muscari</i> 'Big Blue'	Big Blue Lilyturf	A/B	N	Y	12-18	12
Accent Plants	<i>Camassia leichtlinii</i>	Great Camas	A/B	Y	N	24-36	*
	<i>Camassia quamash</i>	Common Camas	A/B	Y	N	12-30	*
	<i>Carex morrowii</i> 'Ice Dance'	Ice Dance Japanese Sedge	A/B	N	N	12	12
	<i>Iris douglasiana</i>	Douglas Iris	B	Y	Y	18	*
	<i>Narcissus spp.</i>	Daffodil	A/B	N	N	12-18	*
	<i>Iris siberica</i>	Siberian Iris	A/B	N	N	36-38	*

*Accent plants. Intersperse among on-center triangular spacing of other plants.

Table 6-5 (cont.). Plant List for Vegetated Stormwater Facilities (Green Streets)

	Scientific Name	Common Name	Zone	Northwest Native	Evergreen	Potential Height, inches	O.C. Triangular Spacing, inches
Small Shrubs	<i>Cornus sericea 'Kelseyi'</i>	Kelsey Red Osier Dogwood	A/B	N	N	36	24
	<i>Lavandula angustifolia 'Hidcote Blue'</i>	Hidcote Blue English Lavender	B	N	Y	24-36	24
	<i>Mahonia (Berberis) repens</i>	Creeping Oregon Grape	A/B	Y	Y	30	24
	<i>Nandina domestica 'Moon Bay'</i>	Moon Bay Heavenly Bamboo	A/B	N	Y	36	24
	<i>Nandina domestica 'Nana'</i>	Dwarf Heavenly Bamboo	B	N	Y	15	24
	<i>Spiraea japonica 'Walburna'</i>	Magic Carpet Japanese Spirea	A/B	N	N	24	24
	<i>Spiraea japonica 'Goldflame'</i>	Goldflame Japanese Spirea	A/B	N	N	48	24
	<i>Spiraea japonica 'Goldmound'</i>	Goldmound Japanese Spirea	A/B	N	N	36	24

Table 6-6. Tree List for Stormwater Facilities (Green Streets)

	Scientific Name	Common Name	Zone	Northwest Native	Evergreen	Potential Height (ft)	Under Powerlines	Facility Width (ft) ¹
Trees	<i>Celtis occidentalis</i>	Common Hackberry	A/B	N	N	50	N	6+
	<i>Gleditsia triacanthos</i> <i>var. inermis</i> 'Skycole'	Skyline Thornless Honeylocust	A/B	N	N	50	N	4+
	<i>Nyssa sylvatica</i>	Black Tupelo	A/B	N	N	50	N	4+
	<i>Nyssa sylvatica</i> 'Gum Drop'	Black Tupelo	A/B	N	N	50	Y	4+
	<i>Quercus bicolor</i>	Swamp White Oak	A/B	N	N	50	N	6+
	<i>Quercus shumardii</i>	Shumard Oak	A/B	N	N	50	N	6+
	<i>Rhamnus (Frangula) purshiana</i>	Cascara Buckthorn	A/B	Y	N	25	Y	4+
	<i>Zelkova serrata</i> 'City Sprite'	Green Vase Japanese Zelkova	A/B	N	N	45	Y	4+
	<i>Zelkova serrata</i> 'Green Vase'	Green Vase Japanese Zelkova	A/B	N	N	45	N	4+
<i>Zelkova serrata</i> 'Village Green'	Village Green Japanese Zelkova	A/B	N	N	35	N	6+	

1. Minimum width is 4 ft for stormwater facilities with trees.

Mulch: Mulch all public ROW stormwater facilities to a depth of 2 to 3 inches with Douglas fir bark nuggets, free of pesticides and dyes, or clean, forest-based hog fuel. Bark nuggets must be medium grade with a particle size of 12.5 inches.

Irrigation: Irrigation season for vegetated stormwater facilities is May 1 - Sept 30 with a recommended frequency interval of 7-10 days. The maximum interval between irrigation visits is 14 days. Watering during extended dry periods outside of this window is recommended if any signs of drought stress arise. Irrigation records (including dates, volume, and by whom irrigation visits were made) must be kept through the warranty period and made available if requested.