

City of Seward Approved Street Tree List and General Characteristics

Botanical Name	Common Name	Mature Height [ft]	Mature Width [ft]	Primary Shape ¹	Drought Tolerance ²	Hardiness Zone ³	Soil pH Range ⁴	Fall Leaf Color	Local Nursery Availability				
									Oak Prairie	Faller	Great Plains	Heritage	Rumery
Elm													
<i>Ulmus americana</i> 'New Harmony'	New Harmony American Elm	70	65	Vase	11	3 - 9	≤ 8.2	Yellow					
<i>Ulmus americana</i> 'Princeton'	Princeton American Elm	60 - 80	40 - 60	Vase	11	3 - 9	≤ 8.2	Yellow	✓	✓	✓		
<i>Ulmus americana</i> 'Valley Forge'	Valley Forge American Elm	60 - 70	50 - 60	Vase	11	3 - 9	≤ 8.2	Yellow	✓				
<i>Ulmus davidiana</i> var <i>japonica</i> 'Morton'	Accolade™ Elm	50 - 60	30 - 40	Vase	11	5 - 8	≤ 8.2	Yellow	✓				
<i>Ulmus</i> 'Morton Glossy'	Triumph™ Elm	50 - 60	35 - 40	Vase	11	4 - 7	≤ 8.2	Yellow		✓	✓		
Gingko													
<i>Ginkgo biloba</i> 'Autumn Gold'	Autumn Gold™ Gingko	40 - 50	25 - 30	Broad	12	3 - 9	≤ 8.2	Yellow		✓		✓	
<i>Ginkgo biloba</i> 'Magyar'	Magyar Gingko	40 - 50	20 - 25	Upright	12	3 - 9	≤ 8.2	Yellow					
<i>Ginkgo biloba</i> 'Princeton Sentry'	Princeton Sentry® Gingko	40 - 50	15 - 20	Columnar	12	3 - 9	≤ 8.2	Yellow					
Hackberry													
<i>Celtis occidentalis</i>	Hackberry	40 - 60	40 - 50	Upright	11	2 - 9	≤ 8.2	Yellow	✓	✓	✓		
<i>Celtis occidentalis</i> 'Prairie Pride'	Prairie Pride Hackberry	50	40	Upright	11	2 - 9	≤ 8.2	Yellow					
<i>Celtis occidentalis</i> 'Prairie Sentinel'	Prairie Sentinel Hackberry	45	12	Columnar	11	2 - 9	≤ 8.2	Yellow					
Linden													
<i>Tilia americana</i>	American Linden/Basswood	60 - 80	30 - 60	Upright	9	3 - 8	≤ 8.2	Pale Yellow			✓		
<i>Tilia americana</i> 'McKsentry'	American Sentry® Linden	40 - 45	25 - 30	Pyramidal	10	3 - 8	≤ 8.2	Pale Yellow	✓			✓	
<i>Tilia americana</i> 'Legend'	Legend Linden	40	30	Pyramidal	10	3 - 8	≤ 8.2	Pale Yellow	✓				
<i>Tilia americana</i> 'Redmond'	Redmond Linden	35	25	Pyramidal	10	3 - 8	≤ 8.2	Pale Yellow	✓	✓			
<i>Tilia tomentosa</i>	Silver Linden	50 - 70	25 - 40	Pyramidal	10	4 - 7	≤ 8.2	Mild Yellow		✓	✓		
<i>Tilia tomentosa</i> 'PNI 6051'	Green Mountain Silver Linden	45 - 65	30 - 40	Pyramidal	11	4 - 7	≤ 8.2	Mild Yellow					
<i>Tilia tomentosa</i> 'Sterling'	Sterling Silver Linden	45 - 50	25 - 35	Pyramidal	11	4 - 7	≤ 8.2	Mild Yellow					
Maple, Black													
<i>Acer saccharum</i> subsp. <i>Nigrum</i>	Black Maple (Sugar Maple)	60 - 75	40 - 50	Round	10	4 - 8	≤ 8.2	Yellow-Orange					
<i>Acer saccharum</i> subsp. <i>nigrum</i> 'Greencolumn'	Greencolumn Black Maple	50	20 - 25	Columnar	10	4 - 8	≤ 8.2	Yellow-Orange					
Maple, Freeman's													
<i>Acer x freemanii</i> 'Armstrong'	Armstrong Freeman's Maple	50 - 70	15 - 20	Columnar	9	3 - 9	≤ 7.5	Orange-Red				✓	
<i>Acer x freemanii</i> 'Jeffersred'	Autumn Blaze® Freeman's Maple	50 - 60	40 - 50	Round	9	3 - 8	≤ 7.5	Orange-Red	✓	✓		✓	
<i>Acer x freemanii</i> 'DTR 102'	Autumn Fantasy® Freeman's Maple	50	40	Broad	9	4 - 8	≤ 7.5	Red	✓				
<i>Acer x freemanii</i> 'Celzam'	Celebration® Freeman's Maple	50	20 - 35	Upright	9	4 - 8	≤ 7.5	Yellow-Orange		✓			
<i>Acer x freemanii</i> 'Sienna'	Sienna Glen® Freeman's Maple	50	35	Pyramidal	9	3 - 8	≤ 8.2	Orange-Burgundy		✓			
Maple, Miyabe													
<i>Acer miyabei</i>	Miyabe Maple	30 - 60	20 - 50	Round	10	4 - 8	≤ 8.2	Yellow					
<i>Acer miyabei</i> 'Morton'	State Street™ Miyabe Maple	40 - 45	30 - 35	Round	10	4 - 7	≤ 8.2	Yellow	✓	✓			
Maple, Sugar													
<i>Acer saccharum</i>	Sugar Maple	60 - 70	40 - 50	Round	9	4 - 8	≤ 7.5	Yellow-Orange-Red			✓		
<i>Acer saccharum</i> 'Barrett Cole'	Apollo® Sugar Maple	25 - 30	10	Columnar	9	4 - 8	≤ 7.5	Yellow-Orange-Red				✓	
<i>Acer saccharum</i> 'Commemoration'	Commemoration® Sugar Maple	50 - 60	30 - 35	Upright	9	4 - 8	≤ 7.5	Orange-Red	✓	✓			
<i>Acer saccharum</i> 'Bailsta'	Fall Fiesta® Sugar Maple	60 - 70	40 - 50	Round	9	4 - 8	≤ 7.5	Yellow-Orange-Red	✓	✓		✓	
<i>Acer saccharum</i> 'Green Mountain'	Green Mountain® Sugar Maple	50 - 60	45 - 50	Round	9	4 - 8	≤ 7.5	Yellow-Orange	✓	✓			
<i>Acer saccharum</i> 'Legacy'	Legacy Sugar Maple	50	35	Upright	9	4 - 8	≤ 7.5	Orange-Red	✓				
<i>Acer saccharum</i> 'Table Rock'	Table Rock Sugar Maple	50	50	Round	9	4 - 8	≤ 7.5	Yellow-Orange-Red		✓			
Oak													
<i>Quercus acutissima</i>	Sawtooth Oak	50 - 60	40 - 50	Round	10	5b - 9	≤ 7.5	Yellow-Golden Brown	✓	✓	✓		
<i>Quercus bicolor</i>	Swamp White Oak	50 - 60	50 - 60	Broad	11	4 - 8	≤ 7.5	Yellow-Orange-Brown	✓	✓	✓	✓	
<i>Quercus coccinea</i>	Scarlet Oak	40 - 75	40 - 75	Round	10	5 - 8	≤ 7.5	Scarlet	✓		✓		
<i>Quercus ellipsoidalis</i>	Hill's Oak/Northern Pin Oak	40 - 75	40 - 75	Broad	11	4 - 7	≤ 7.5	Red	✓	✓	✓		
<i>Quercus macrocarpa</i>	Bur Oak	70 - 80	70 - 80	Broad	12	3 - 8	≤ 8.2	Yellow-Brown	✓		✓	✓	
<i>Quercus muehlenbergi</i>	Chinkapin Oak	50 - 80	50 - 70	Round	11	5 - 7	≤ 8.2	Yellow-Orange-Brown	✓	✓	✓		
<i>Quercus robur</i> x <i>alba</i> 'Crimschmidt'	Crimson Spire™ Oak	40	15 - 20	Columnar	10	4 - 7	≤ 8.2	Red		✓		✓	
<i>Quercus robur</i> x <i>bicolor</i> 'Long'	Regal Prince® Oak	45	20 - 25	Columnar	11	4 - 9	≤ 7.5	Yellow-Brown	✓	✓		✓	
<i>Quercus rubra</i>	Northern Red Oak	60 - 75	60 - 75	Round	11	3 - 7	≤ 7.5	Red	✓	✓	✓	✓	
<i>Quercus shumardii</i>	Shumard's Oak/Swamp Red Oak	40 - 60	40 - 60	Round	11	3 - 7	≤ 8.2	Red		✓	✓		
Sycamore													
<i>Plantanus occidentalis</i>	American Sycamore/Planetree	75 - 100	50 - 70	Round	9	4 - 9	≤ 8.2	Brown	✓	✓	✓		

Note 1:

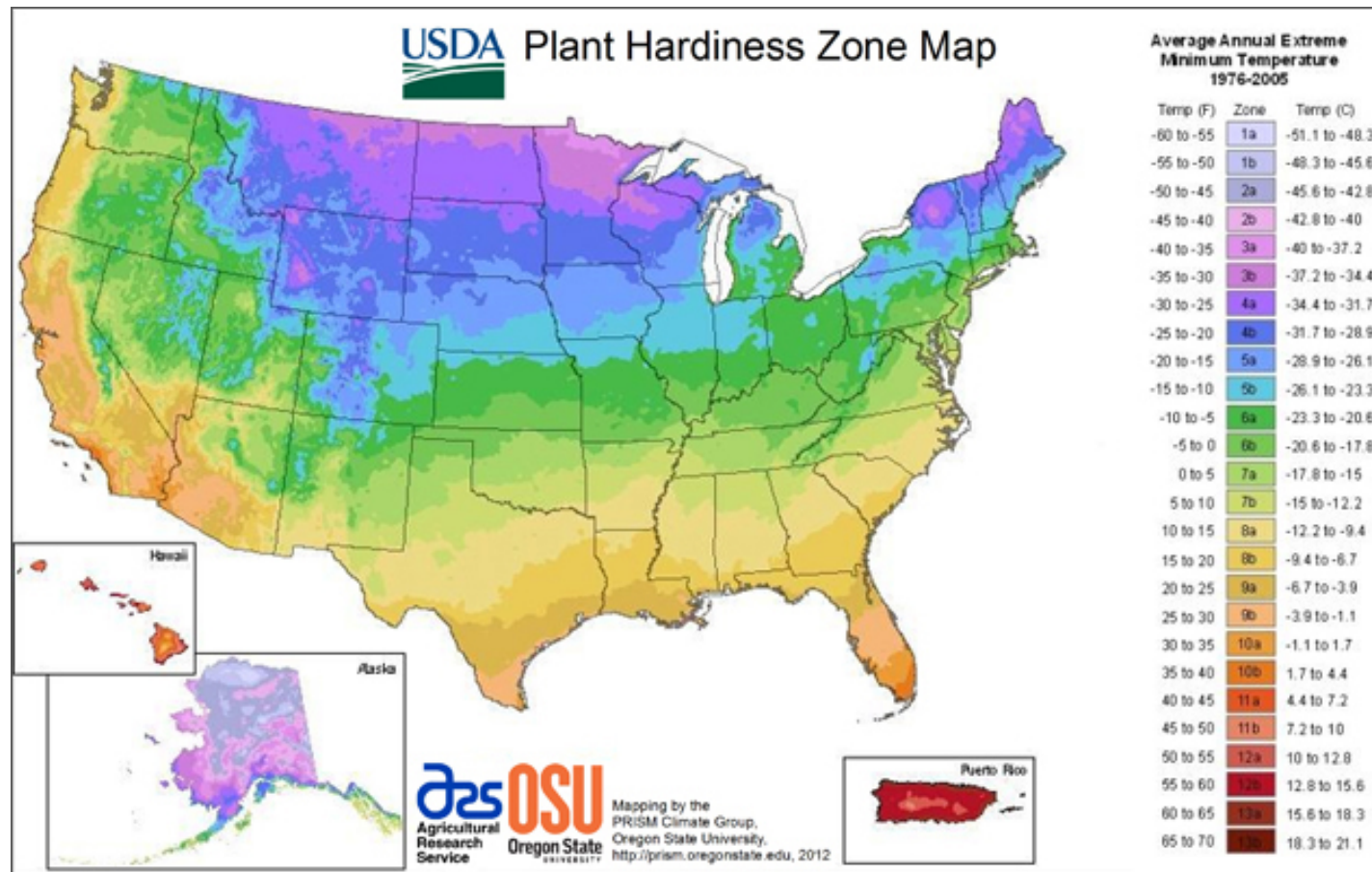
Primary Shape

Round
Broad
Upright
Pyramidal
Columnar
Vase

Note 2:

Soil Moisture	Scale	Very Wet
occasionally saturated or very wet	1	Very Dry
	2	
	3	
consistently moist, well drained soil	4	
	5	
	6	
occasional periods of dry soil	7	
	8	
	9	
prolonged periods of dry soil	10	
	11	
	12	

Note 3: Seward is within USDA Plant Hardiness Zone 5b. See map on opposite side.
 Note 4: Soil pH categories: (a) ≤7.0, Intolerant of alkaline soil; (b) ≤7.5, Moderately tolerant of alkaline soil; (c) ≤8.2, Tolerant of alkaline soil;



REQUIREMENTS OF THE MUNICIPAL CODE

1. Street trees shall be selected from the list established and maintained by the Seward Tree Board. [§ 364-1.2 and § 410-40.5.B]
2. No street tree shall be planted within the site triangle of an intersection of two streets or the intersection of an alley and a street. [§ 410-40.3.I(5)(a) and § 410-40.7]
3. No street tree shall be planted in the following locations. [§ 364-1.3 and § 410-40.5.B]:
 - a. under or within 10 lateral feet of and overhead utility line;
 - b. within 5 lateral feet of a water, sewer, transmission, or other buried utility line.
 - c. under or within 10 lateral feet of and overhead utility line
 - d. within 10 feet of a hydrant;
 - e. within 20 feet of a street light.
4. Minimum trunk caliper is 2 inches [§ 410-40.5.A]
5. The distance from the front of the sidewalk to the back of the curb shall be a minimum of six feet. [§ 410-40.5.C]
6. If the distance from the front of the sidewalk to the back of the curb is less than six feet, the street tree may be planted between the property line and the back of the sidewalk, provided this distance is at least five feet. [§ 410-40.5.C]

ADDITIONAL REQUIREMENTS

1. Small trees (< 25 feet) shall be spaced at least 25 feet apart and 30 ft from existing trees.
2. Medium trees (25 – 40 feet) shall be spaced at least 35 feet apart and 35 ft from existing trees.
3. Large trees (> 40 feet) shall be spaced at least 40 feet apart and 40 ft from existing trees.
4. Abutting property owners shall care for the trees after planting, including watering at 7 – 10 day intervals throughout a three year establishment period.
5. All trees shall be paid in full by the abutting property owner prior to planting.

Tree locations shall be approved prior to planting by the Street Superintendent to ensure compliance with the above requirements.

City of Seward Tree Board

Thomas Suhr, Chair
 Charles Matzke
 Larry Goldsmith II
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