



## Town of New Castle Tree List Elevation 5550'



### Recommended Street Tree List

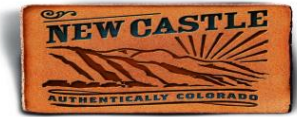
	<b>Botanic Name</b>	<b>Common Name</b>	<b>Hardy</b>	<b>Comments</b>	<b>Height &amp; Spread</b>
1	Acer negundo 'Sensation'	Sensation Box Elder	8,000'	Red expanding leaves in spring, brilliant red in fall, fast grower	30' x 25'
2	Acer platanoides 'Emerald Queen'	Emerald Queen Norway Maple	6,500'	Very adaptable, showy flowers, brilliant yellow fall foliage	40' x 40'
3	Acer platanoides 'Royal Red'	Royal Red Norway Maple	6,500'	Leaves are a glossy deep maroon, nice ornamental tree	40' x 30'
4	Fraxinus americana 'Autumn Purple' *	Autumn Purple Ash	6,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	40' x 40'
5	Fraxinus pennsylvanica 'Cimmaron' *	Cimmaron Ash	6,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	40' x 30'
6	Fraxinus pennsylvanica 'Marshall' *	Marshall's Seedless Ash	8,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	50' x 40'
7	Fraxinus pennsylvanica 'Patmore' *	Patmore Ash	8,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	45' x 35'
8	Gleditsia triacanthos inermis 'Imperial'	Imperial Honeylocust	6,500'	Fine textured foliage , fall color: soft yellow, seedless	30' x 40'
9	Gleditsia triacanthos inermis 'Skyline'	Skyline Honeylocust	6,500'	Fine textured foliage , fall color: soft yellow, seedless	40' x 40'
10	Quercus buckleyi	Texas Red Oak	6,500'	Cold hardy, excellent red fall color, important wildlife forage	50' x 50"
11	Quercus macrocarpa	Bur Oak	6,500'	Fall color: russet to burgundy-red, important wildlife forage	50' x 40'
12	Quercus muehlenbergii	Chinkapin Oak	6,500'	Sharply toothed leaf, yellow fall color, good wildlife forage	45' x 45'
13	Tilia cordata 'Littleleaf'	Littleleaf Linden	6,000'	Aromatic flowers, ornamental fruit, yellow fall color	30' x 30'
14	Tilia americana	American Linden	6,000'	Aromatic flowers, ornamental fruit, yellow fall color	40' x 30'
15	Ulmus americana 'Princeton'	Princeton American Elm	6,500'	Glossy green foliage. Resistent to Dutch Elm Disease	80' x 80'
16	Ulmus japonica x U. wilsoniana	'Morton Red Tip' Elm	6,500'	Dark green foliage, yellow fall color. Resistent to D.E.D.	70' x 60'
17	Ulmus pumila x U. japonica x U. wilsoniana	'Morton Glossy' Triumph" Elm	6,500'	Glossy green foliage, yellow fall color. Resistent to D.E.D.	55' x 45'
18	Ulmus wilsoniana 'Prospector'	Prospector Elm	6,500'	Dark green foliage, yellow fall color. Resistent to D.E.D.	40' x 30'

### Native Deciduous Trees

	<b>Botanic Name</b>	<b>Common Name</b>	<b>Hardy</b>	<b>Comments</b>	<b>Height &amp; Spread</b>
1	Acer glabrum	Rocky Mountain Maple	10,000'	Multistemmed, fragrant flowers, orange-red fall foliage	20' x 15'
2	Acer negundo 'Sensation'	Sensation Box Elder	8,000'	Red expanding leaves in spring, brilliant red fall foliage	35' x 25'
3	Acer grandidentatum	Bigtooth Maple	Zone 3	Shade tolerant, blazing autumn foliage, adaptable	30' x 25'
4	Betula occidentalis	Water Birch	9,000'	Cinnamon-brown bark, multistemmed, yellow fall foliage	20' - 30' height
5	Crataegus douglassii	Douglas Hawthorn	9,000'	Showy white flowers, black fruit, orange-red fall foliage	25' x 25'
6	Populus x acuminata	Lanceleaf Cottonwood	7,500'	Upright, rounded form, yellow fall color, fast grower	60' x 40'
7	Populus angustifolia	Narrowleaf Cottonwood	10,000'	Best growing along the river with optimal growing conditions	50' x 30'
8	Populus tremuloides	Quaking Aspen	10,000'	Does not have longevity in the landscape, pests ♥ this tree	40' x 30'
9	Ptelea trifoliata	Wafer Ash	6,500'	Performs well in shade, fragrant flowers, yellow fall color	15' x 15'
10	Quercus gambelii	Gambel Oak	9,000'	Usually multi-stemmed tree, good wildlife forage	20' x 12'
11	Quercus undulata	Wavyleaf oak	6,500'	Small tree/shrub, bluishgreen leaves with wavy margins	10' x 10'
12	Salix amygdaloides	Peach Leaf Willow	7,000'	Upright & irregular, needs adequate space	60' x 30'



## Town of New Castle Tree List Elevation 5550'



### *Native Conifer*

	<b>Botanic Name</b>	<b>Common Name</b>	<b>Hardy</b>	<b>Comments</b>	<b>Height &amp; Spread</b>
1	Abies concolor	White Fir	10,000'	Specimen tree, exceptional foliage. Underutilized.	50' + x 30'
2	Juniperus monosperma	One Seeded Juniper	8,500'	Upright, rounded habit, scale-like leaves, high habitat value	30' x 12'
3	Juniperus scopulorum	Rocky Mountain Juniper	10,000'	Pyramidal to upright, exfoliating bark, high habitat value	20' x 15'
4	Pinus aristata	Bristlecone Pine	11,000'	Rounded form, needles speckled with white resin	30' x 20'
5	Pinus edulis	Pinon Pine	7,500'	Broadly rounded, edible fruit/ nut	20' x 20'
6	Picea pungens	Colorado Spruce	10,000'	Green to silvery blue, pyramidal, overused in the landscape	60' x 30'
7	Pinus contorta latifolia	Lodgepole Pine	10,000'	Provide cover & habitat for big game animals	50' x 15'
8	Pinus flexilis	Limber Pine	10,000'	Pyramidal form with smooth greenish-grey bark	40' x 30'
9	Pinus ponderosa	Ponderosa Pine	9,000'	Open form, pyramidal, red to brown plated bark	60' x 40'
10	Pinus strobiformus	Southwestern White Pine	9,000'	Fine textured tree with ornamental blue-green needles	60'+ x 25'
11	Pseudotsuga menziesii	Douglas Fir	10,000'	Shade tolerant, needles and seeds valuable forage for wildlife	60'+ x 25'



### *Small Ornamental Trees*

	<b>Botanic Name</b>	<b>Common Name</b>	<b>Hardy</b>	<b>Comments</b>	<b>Height &amp; Spread</b>
1	Acer ginnala	Ginnala Maple	8,500'	Fall color: fiery red, bright red winged seeds	15' x 20'
2	Acer tataricum	Tatarian Maple 'Hot Wings'	8,500'	Showy flowers, yellow fall foliage, red fruit	25' x 25'
3	Aesculus glabra	Ohio Buckeye	6,000'	Showy yellow flowers in spring, fall foliage yellow to amber	30 x 30'
4	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	7,000'	Clusters of white flowers in spring, nice orange fall color	25' x 20'
5	Cornus mas	Cornelian Cherry	6,500'	Early spring yellow flowers, fall foliage is purply-red, red fruit	15' x 15'
6	Crataegus ambigua	Russian Hawthorn	9,500'	White flowers, bright red fruits, yellow fall foliage, peeling bark	15' x 20'
7	Crataegus crus-galli 'Inermis'	Thornless Cockspur	8,000'	White flowers in spring, dark red fruits, bright golden foliage	20' x 20'
8	Koelreuteria paniculata	Goldenrain Tree	7,000'	Striking yellow flowers, ornamental fruit, orange-yellow fall foliage	30' x 30'
9	Malus spp. - Numerous cultivars available	Crabapple	7,500'	Notable flowers, edible fruit and desirable fall color	20' x 20'
10	Malus 'David'	David Crabapple	6,500'	White flowers in spring, small 1/2" fruit	20' x 20'
11	Prunus armeniaca 'Pioneer'	'Pioneer' Chinese Apricot	7,500'	Late bloomer, fragrant pink flowers, fall foliage gold to orange	15' x 15'
12	Prunus maacki	Amur Chokecherry	6,500'	White flowers, yellow fall foliage, black fruit & peeling bark	30' x 25'
13	Prunus nigra 'Princess Kay'	Princess Kay Plum	7,000'	Fast growing, double white blossoms, red fall foliage	20' x 15'
14	Prunus padus	Mayday Tree	7,000'	Fragrant flowers, bitter black fruit, yellow fall foliage	30' x 25'
15	Prunus virginiana 'Shubert'	Shubert or Canada Red	9,000'	Burgundy foliage, purplish-red fruit is desirable to wildlife	25' x 25'
16	Pyrus ussuriensis 'Burgundy'	Ussurian Pear	7,000'	Profuse white flowers, fall foliage is a deep burgundy	25' x 25'
17	Sorbus intermedia	Swedish Whitbeam	7,500'	White blossoms late spring, fall foliage apricot orange	35' x 40'
18	Syringa pekinensis	Peking Tree Lilac	10,000'	Fine textured tree, large white flowers, exfoliating bark	20' x 15'

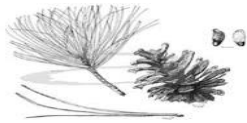


## Town of New Castle Tree List Elevation 5550'



### Large Deciduous Trees

	<b>Botanic Name</b>	<b>Common Name</b>	<b>Hardy</b>	<b>Comments</b>	<b>Height &amp; Spread</b>
1	Acer negundo 'Sensation'	Sensation Box Elder	8,000'	Red expanding leaves in spring, brilliant red in fall	30' x 25'
2	Acer platanoides 'Emerald Queen'	Emerald Queen Norway Maple	6,500'	Yellow showy flowers in spring, bright yellow fall foliage	40' x 40'
3	Acer platanoides 'Royal Red'	Royal Red Norway Maple	6,500'	Leaves are a glossy deep maroon, nice ornamental tree	30' x 30'
4	Betula nigra	River Birch	7,500'	Specimen tree, soft yellow fall foliage, exfoliating bark	50' x 30'
5	Betula papyrifera	Paper Birch	6,500'	Specimen tree w/ gleaming white peeling bark, golden fall foliage	50' x 25'
6	Betula pendula	European White Birch	7,500'	Specimen tree, yellow flowers, white bark, yellow fall foliage	50' x 30'
7	Betula platyphylla	Birch, Asian White	8,500'	Striking white bark, dangling fruit, nice ornamental	30' x 30'
8	Catalpa speciosa	Western Catalpa	6,500'	Fragrant white flowers, large-heart shape leaves, cigar fruit	50' x 40'
9	Celtis occidentalis	Western Hackberry	7,000'	Yellow fall foliage, fruit a purply-red, slow grower, long-lived	50' x 50'
10	Corylus colurna	Turkish Filbert	6,500'	Pyramidal form, thrives in poor soil, drought tolerant	45' x 40'
11	<i>Fraxinus americana</i> 'Autumn Purple' *	Autumn Purple Ash	6,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	40' x 40'
12	<i>Fraxinus pennsylvanica</i> 'Cimarron' *	Cimarron Ash	6,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	40' x 30'
13	<i>Fraxinus pennsylvanica</i> 'Marshall' *	Marshall's Seedless Ash	8,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	50' x 40'
14	<i>Fraxinus pennsylvanica</i> 'Patmore' *	Patmore Ash	8,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	45' x 35'
15	<i>Fraxinus pennsylvanica</i> 'Summit' *	Summit Ash	8,500'	<b>Emerald Ash Borer <a href="http://www.emeraldashborer.info/">www.emeraldashborer.info/</a></b>	45' x 25'
16	Gleditsia triacanthos inermis 'Imperial'	Imperial Honeylocust	6,500'	Fine textured foliage , fall color: soft yellow, seedless	30' x 40'
17	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honeylocust	6,500'	Fine textured foliage , fall color: lemon yellow, seedless	40' x 40'
18	Gleditsia triacanthos inermis 'Skyline'	Skyline Honeylocust	6,500'	Fine textured foliage , fall color: lemon yellow, seedless	40' x 40'
19	Gymnocladus dioicus 'Espresso'	Seedless Kentucky Coffeetree	7,500'	Large, bipinnate leaves, yellow fall color, seedless	50' x 50'
20	Quercus buckleyi	Texas Red Oak	6,500'	Cold hardy, vivid red fall color, acorn important wildlife forage	50' x 50"
21	Quercus macrocarpa	Bur Oak	6,500'	Stately tree, golden fall color, acorn important wildlife forage	50' x 40'
22	Quercus muehlenbergii	Chinkapin Oak	6,500'	Fall foliage a deep yellow-orange, acorn important wildlife forage	45' x 45'
23	Quercus rubra	Northern Red Oak	6,500'	Sharply lobed leaves with intensely bright red fall color	50' x 50'
24	Salix pentaphyllum 'Prairie Cascade'	Prairie Cascade Weeping Willow	6,500'	Smaller form w/ golden weeping stems, fast growing	35' x 35'
25	Sorbus aucuparia 'Cardinal Royal'	Cardinal Royal Mountain Ash	7,500'	Symmetrical & tidy habit, lovely fruit. Susceptible to fireblight	35' x 15'
26	Tilia cordata 'Littleleaf'	Littleleaf Linden	6,000'	Aromatic flowers, dangling, rounded fruits, yellow fall foliage	30' x 30'
27	Tilia americana	American Linden	6,000'	Aromatic flowers, dangling, rounded fruits, yellow fall foliage	40' x 30'
28	Ulmus americana 'Washington'	Washington Elm	6,500'	Vase shape, yellow fall foliage, Dutch elm resistant	60' x 45'
29	Ulmus americana 'Princeton'	Princeton American Elm	6,500'	Dark green foliage, yellow fall foliage. Resistent to D.E.D.	80' x 80'
30	Ulmus pumila x U. japonica x U. wilsoniana	'Morton Glossy' Triumph" Elm	6,500'	Glossy green foliage. Resistent to Dutch Elm Disease	55' x 45'



## Town of New Castle Tree List Elevation 5500'



### Conifers

	<i>Botanic Name</i>	<i>Common Name</i>	<i>Hardy</i>	<i>Comments</i>	<i>Height &amp; Spread</i>
1	Cupressus arizonica glabra	Arizona Cypress	6,000'	Steely blue fragrant foliage, exfoliating cherry-red bark	35' x 25'
2	Juniperus chinensis	Spartan Juniper	7,500'	Ornamental upright juniper, topiary, fast grower	15' x 6'
3	Juniperus osteosperma	Utah Juniper	8,000'	Small tree, foliage & fruit important wildlife forage	20' x 15'
4	Larix decidua	European Larch	7,000'	Underutilized, deciduous conifer, brilliant yellow fall color	70' x 25'
5	Pinus aristata	Bristlecone Pine	11,000'	Rounded to pyramidal, needles dotted w/ white resin	30' x 20'
6	Pinus bungeana	Lacebark Pine	6,500'	Specimen tree w/ glossy needles and showy exfoliating bark	40' x 25'
7	Pinus nigra	Austrian Pine	10,000'	Fast growing, adaptable. Tolerant of harsh urban conditions	40' x 40'
8	Pinus strobiformis	Southwestern White Pine	9,000'	Fine textured tree with ornamental blue-green needles	50' x 30'
9	Pinus sylvestris	Scotch Pine	6,500'	Bright orange exfoliating bark, blue-green needles	40' x 30'
10	Pseudotsuga menziesii	Douglas Fir	10,000'	Shade tolerant, needles and seeds valuable forage for wildlife	60' x 25'

\* Since the summer 2002, the Emerald Ash Borer EAB, an invasive pest of Asia, has killed 30 million ash trees in Michigan and since has killed millions of ash trees in 17 other states. On September 23, 2013, EAB was identified in Boulder, Colorado. EAB can be moved from infested areas through movement of nursery stock, unprocessed ash products and firewood. Consider scouting and carefully monitoring your ash trees for signs and symptoms of EAB.

For more info: [www.ext.colostate.edu/pubs/insect/Emerald\\_borer.pdf](http://www.ext.colostate.edu/pubs/insect/Emerald_borer.pdf)  
<https://www.colorado.gov/pacific/agplants/emerald-ash-borer>

