



TREES SUITABLE FOR MUNICIPALITY OF BETHEL PARK PLANTINGS

SMALL TREES - (UNDER 30')

Acer buergerianum - Trident maple*

Acer ginnala - Amur maple

Acer campestre 'Queen Elizabeth' - Queen Elizabeth hedge maple

Acer tataricum - Tatarian maple*

Amelanchier x grandiflora - Serviceberry* (many cultivars)

Cercis canadensis 'Oklahoma'* - Oklahoma redbud (only cultivar drought resistant enough to qualify; specify street tree form)

Crataegus crus-galli 'Inermis' - Thornless cockspur hawthorn

Crataegus lavalleyi - Lavalley hawthorn

Crataegus phaenopyrum 'Princeton Sentry' or 'Ohio King' - Washington hawthorn*

Crataegus viridis 'Winter King' - Green hawthorn*

Magnolia stellata - Star magnolia*

Malus cultivars - crabapple* (disease resistance emphasized; specify street tree form)

'Adams', 'Centurion', 'Donald Wyman', 'Indian Magic', 'Prairie Fire', 'Professor Sprenger', 'Red Jewel', 'Sentinel', 'Spring Snow', 'Sugar Tyme', 'Strawberry Parfait'

Malus floribunda - Japanese flowering crabapple

Malus sieboldii x zumi 'Calocarpa' - Zumi crabapple

Malus zumi - 'Glen Mills' - Glen Mills crabapple

Prunus 'Accolade' or 'Okame' - Flowering cherry

Prunus sargentii 'Columnar' - Sargent cherry

Prunus serrulata 'Amanogawa', 'Kwanzan' - Japanese flowering cherry*

Prunus virginiana 'Shubert' - Shubert Chokecherry

Syringa reticulata 'Summer Snow' or 'Regent' (better form than 'Ivory Snow') - Tree lilac*

*Duquesne Light Approved List Of Utility-Compatible Trees for Planting in Distribution and Sub-Transmission Corridors
(Maximum Mature Height <25 Feet)

MEDIUM TREES - (30' to 45')

Acer campestre - Hedge maple

Acer griseum - Paperbark maple

Aesculus x carnea 'Briotii' - Ruby red chestnut (specify street tree form)

Carpinus betulus 'Fastigiata' - Upright European hornbeam

Carpinus caroliniana - American hornbeam

Halesia carolina - Carolina silverbell

Koelreuteria paniculata - Golden rain tree

Maackia amurensis - Amur maackia

Parrotia persica - Persian parrotia

Phellodendron amurensis 'Macho' - Amur cork tree (male seedless trees only)

Prunus yedoensis - Yoshino cherry

Quercus acutissima - Sawtooth oak

Sorbus alnifolia - Korean mountain ash
Sorbus aucuparia 'Fastigiata' - Upright mountain ash

LARGE TREES - (OVER 45')

Acer freemanii - Autumn blaze maple
Acer rubrum - Red maple (own rooted plants best - many cultivars; 'Autumn Flame' and 'Red Sunset' may have better branching structure than 'October Glory' or 'Armstrong')
Celtis laevigata 'All Seasons' - Sugar hackberry
Celtis occidentalis 'Prairie Pride' or 'Magnifica' - Hackberry
Corylus colurna - Turkish filbert
Eucommia ulmoides - Hardy rubber tree
Ginkgo biloba - Ginkgo (male selections like 'Magyar' only)
Gleditsia triacanthos 'Shademaster' or other cultivars - Honeylocust
Gymnocladus dioicus - Kentucky coffee tree (male seedless selections like 'Macho')
Liquidambar styraciflua - Sweet gum ('Rotundiloba' is seedless)
Metasequoia glyptostroboides - Dawn redwood (specify street tree form)
Nyssa sylvatica - Black gum
Platanus x acerifolia - London plane tree
Quercus alba - White oak
Quercus bicolor - Swamp white oak
Quercus imbricaria - Shingle oak
Quercus palustris 'Green Pillar' - Upright Pin oak **Bacterial leaf scorch caution**
Quercus phellos - Willow oak
Quercus robur - English oak
Quercus rubra - Red oak **Bacterial leaf scorch caution**
Quercus shumardii - Shumard oak **Bacterial leaf scorch caution**
Sophora japonica - Japanese scholar tree (cultivars 'Halka' or 'Regent')
Taxodium distichum - Bald cypress (specify street tree form)
Tilia americana 'Wandell' - Legend American linden
Tilia americana 'Redmond' - Redmond linden
Tilia cordata - Little leaf linden cultivars
Tilia euchlora - Crimean linden (ungrafted specimens)
Tilia tomentosa - Silver linden
Ulmus americana 'Delaware', 'Valley Forge' or 'New Harmony' – Dutch Elm Disease (DED) resistant elms **Elm yellows caution**
Ulmus 'Homestead' or 'Accolade' -hybrid DED resistant elm cultivars **Elm yellows caution**
Ulmus parvifolia 'Dynasty' or 'Athens' - Lacebark elm **Elm yellows caution**
Zelkova serrata 'Village Green', 'Mushashino', or 'Halka' – Zelkova (avoid 'Green Vase')

Every tree selected for this list has its own benefits and/or limitations when growing under harsh urban conditions. The trees listed above will tolerate the adverse conditions found on most urban sites. Bring out the best characteristics of a particular tree by matching the most suited tree to your planting specific site characteristics.

REFERENCES:

Jason Lubar - Morris Arboretum

Al Sam - State College Borough Urban Forester

Vincent Cotrone - PSU Extension Urban Forester

Julianne Scheiffer - PSU Extension Urban Forester

Manual of Woody Landscaper Plants - Michael A. Dirr

Recommended Urban Trees: Tree Selection for Stress Tolerance - Cornell University

Street Tree Factsheets - Municipal Tree Restoration Program and the Directory of Landscape Tree Cultivars

Creating the Urban Forest: The Bare Root Method - Cornell University

Recommended reference: Gerhold, Henry, Wandell, Willet, and Lacasse, Norman. 3rd ed. 2001.
Landscape Tree Factsheets. The Pennsylvania State University, University Park, State College, PA.