

PERTINENT CHARACTERISTICS OF STREET TREES

The following charts are included to assist readers in the selection of plants for specific characteristics. Obviously, the placement of plants within the categories is somewhat arbitrary, for each tree is a unique living organism affected by genetics, climate, soil, environment, and man. The size groups in general reflect the growth of the species under landscape conditions.

The letter following the name of each deciduous tree refers to the major group in which the tree is included.

- P = Primary List
- S = Secondary List
- T = Trial List

For the readers' convenience, the page number for each plant description is listed in the right-hand column.



Acer platanoides 'Globosum' is an effective, small, round-headed tree.

ENVIRONMENT (tolerant of)		LANDSCAPE ATTRIBUTES							Page					
		difficult sites	containers	high pH (alkalinity)	aerial salts	drought	wet soil	sun		light shade	flowers	fruit	autumn color	ornamental bark
											✓	✓		84
											✓	✓		139
											✓	✓		140
											✓	✓		141
											✓	✓		143
											✓	✓		93
											✓	✓		174
											✓	✓		176
											✓	✓		177
											✓	✓		98
											✓	✓		100
											✓	✓		101
											✓	✓		102
											✓	✓		149
											✓	✓		181
											✓	✓		150
											✓	✓		103

Deciduous Trees— 30 Feet or Less

Acer buergerianum (P)
Acer ginnala (S)
Acer griseum (S)
Acer maximowiczianum (S)
Acer tataricum (S)
Amelanchier arborea (P)
Catalpa ovata (T)
Chionanthus retusus (T)
Cornus alternifolia (T)
Cornus kousa (P)
Cornus mas (P)
Cornus officinalis (P)
Crataegus crus-galli (P)
Crataegus laevigata 'Paulii' (S)
Crataegus laevigata 'Superba' (T)
Crataegus × *lavallei* (S)
Crataegus phaenopyrum (P)

ENVIRONMENT (tolerant of)		LANDSCAPE ATTRIBUTES							Page						
		difficult sites	containers	high pH (alkalinity)	aerial salts	drought	wet soil	sun		light shade	flowers	fruit	autumn color	ornamental bark	rapid growth
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	181
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	104
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	151
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	154
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	115
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	116
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	118
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	194
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	194
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	158
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	126
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	198
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	199
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	200
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	165

Deciduous Trees— 30 Feet or Less

Crataegus punctata 'Ohio Pioneer' (T)

Crataegus viridis 'Winter King' (P)

Elaeagnus angustifolia (S)

Magnolia heptapeta (S)

Magnolia kobus var. *loebneri* 'Merrill' (P)

Magnolia × *soulangiana* (P)

Malus sp. (P)

Prunus cyclamina (T)

Prunus × 'Okame' (T)

Prunus serrulata 'Kwanzan' (S)

Pyrus fauriei (P)

Rhus chinensis (T)

Sorbus esserteauiana (T)

Symplocos paniculata (T)

Syringa reticulata (S)

ENVIRONMENT (tolerant of)		LANDSCAPE ATTRIBUTES							Page
✓	✓	✓	✓	✓	✓	✓	✓	✓	184
✓	✓	✓	✓	✓	✓	✓	✓	✓	110
✓	✓	✓	✓	✓	✓	✓	✓	✓	186
✓	✓	✓	✓	✓	✓	✓	✓	✓	188
✓	✓	✓	✓	✓	✓	✓	✓	✓	112
✓	✓	✓	✓	✓	✓	✓	✓	✓	152
✓	✓	✓	✓	✓	✓	✓	✓	✓	119
✓	✓	✓	✓	✓	✓	✓	✓	✓	155
✓	✓	✓	✓	✓	✓	✓	✓	✓	191
✓	✓	✓	✓	✓	✓	✓	✓	✓	157
✓	✓	✓	✓	✓	✓	✓	✓	✓	192
✓	✓	✓	✓	✓	✓	✓	✓	✓	193
✓	✓	✓	✓	✓	✓	✓	✓	✓	195
✓	✓	✓	✓	✓	✓	✓	✓	✓	123
✓	✓	✓	✓	✓	✓	✓	✓	✓	125
✓	✓	✓	✓	✓	✓	✓	✓	✓	159

Deciduous Trees - 30-50 Feet

ENVIRONMENT (tolerant of)

difficult sites
containers
high pH (alkalinity)
aerial salts
drought
wet soil
sun
light shade

Fraxinus ornus (T)

Gleditsia triacanthos var. *inermis* (P)

Halesia carolina (T)

Kalopanax pictus (T)

Koelerteria paniculata (P)

Maclura pomifera (S)

Malus tachonoskii (P)

Morus alba (S)

Ostrya virginiana (T)

Phellodendron amurense (S)

Pistacia chinensis (T)

Populus tremula 'Erecta' (T)

Prunus padus (T)

Prunus sargentii (P)

Pyrus calleryana 'Bradford' (P)

Quercus acutissima (S)

ENVIRONMENT (tolerant of)		Deciduous Trees— 50 Feet or More	LANDSCAPE ATTRIBUTES					Page							
difficult sites	containers		high pH (alkalinity)	aerial salts	drought	wet soil	sun		light shade	flowers	fruit	autumn color	ornamental bark	rapid growth	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<i>Taxodium distichum</i> (S)	166
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<i>Tilia cordata</i> (F)	132
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<i>Tilia japonica</i> (T)	201
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<i>Tilia tomentosa</i> (P)	134
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<i>Zelkova carpinifolia</i> (T)	203
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<i>Zelkova serrata</i> (P)	137

ENVIRONMENT (tolerant of)		LANDSCAPE ATTRIBUTES			Page					
difficult sites	containers	high pH (alkalinity)	aerial salts	drought	wet soil	sun	light shade	fruit	ornamental bark	rapid growth
✓		✓	✓	✓	✓	✓				
		✓	✓	✓	✓	✓			✓	
✓		✓		✓	✓	✓			✓	
✓			✓	✓	✓	✓				

Evergreen Screening Plants-30-50 Feet

- Picea pungens* var. *glauca*
- Pinus nigra*
- Pinus sylvestris*
- Pinus thunbergiana*

Evergreen Screening Plants-50 Feet or More

✓	✓	✓	✓	✓	✓	✓				
✓	✓	✓	✓	✓	✓	✓				
		✓		✓	✓	✓				
						✓		✓	✓	

- Cedrus atlantica*
- Picea omorika*
- Picea orientalis*
- Thuja plicata*