



2nd Edition Plant Material Catalog

Electronic Edition

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Use the QR App on your smart phone to download:

This Plant
Material Catalog



Our most current
Availability List



An Introduction to Angelica

The competitive nursery industry demands our customers be provided with the finest plant material for their sales yards or landscape projects. Through selection and propagation of better plant types, we believe we have accomplished much toward this end. At Angelica, "We believe our plants have a better future because we give them a better start."

Through observation and selection of specific cultivars, Angelica propagates plants from proven performers here at the nursery. Over 80 percent of our seedlings, rooted cuttings and grafts come from Angelica's own stock plants with the balance coming from suppliers who share our dedication to lasting quality.

Optimum growing environments are created for each crop matching cultivar requirements with site characteristics. Transplants are moved to their final locations growing to their desired harvest specifications in three to twelve years, depending on crop and harvest sizes.

An important success factor of our plant material is measured through the ability of the plant to withstand transplanting and to adapt quickly to a new root environment. Angelica root prunes approximately 1800 acres of nursery stock to a schedule that is crop specific. It is this attention to the production of a fine, dense root mass that results in landscape specimens that are well suited for relocation.

Mission Statement

Angelica Nurseries produces landscape grade woody ornamental plants for use in the professional nursery trade. We strive to provide plants that are of the highest quality and best value to our customers, throughout the entire growing season. Years of expertise in refining our horticultural practices produces a plant that has greater 'livability' in today's sustainable landscapes.

We realize that we need to be stewards of the land and protect our environment. By incorporating Best Management Practices and Integrated Pest Management we are able to reduce our impact on our surroundings. We work closely with local agencies to improve our soil conservation and water use efficiency.

This industry consists of labor intensive processes. As such we realize that our employees are a vital part of our success. We strive to provide a challenging but rewarding work environment for those who choose a career in the green industry. We are a family owned and operated business and feel that our family extends to our dedicated employees.

History



*Thomas Kohl
Founder of Angelica Nurseries, Inc.*

Angelica Nurseries Inc. is a family-owned and operated corporation. The Kohl family was involved in the landscaping business in Pennsylvania in the 1930's. Thomas Kohl, Jr. recognized the need for quality specimen plants for commercial and residential plantings. This need for material drove the business to become supply oriented and to make the move to Maryland where more ideal growing conditions were present.



*Original Angelica Nurseries Home Farm in Angelica
Pennsylvania*

In 1956, 300 acres of farmland was purchased in Kent County, Maryland. The farm name, Angelica, was transferred from the family home farm located near Reading, Pennsylvania. The driving force behind the move was the search for a soil type and climate for the B & B product. The Sassafras silt loam prevalent on the Angelica farms is a light alluvium with enough clay to make a clean, firm ball of earth. The climatic zone is a zone 6 to 6b and allows a longer growing season than what was previously experienced.



*From left to right: Bernard Kohl, Sr., Tim Kohl,
Thomas Kohl and Verne Kohl*

Angelica Nurseries digs stock throughout the summer months. Summer digging is a more complex process requiring extra time and labor to insure viability. Plant material is watered a full day prior to digging. Ball sizes are increased to further maximize water retention. After removal from the field, the plants are transported through an overhead watering boom and placed in a "hardening off" area to acclimate before shipping. Summer dig charges may apply and are announced prior to their implementation.



*Third Generation Owners
Bernie Kohl, Jr. (Left) and Jim Kohl*

Organizations & Associations

American Conifer Society
 American Nursery & Landscape Association
 American Society of Landscape Architects
 Delaware Nursery & Landscape Association
 Eastern Shore Nurseryman's Association
 International Ornamental Crabapple Society
 International Plant Propagators Society
 Kent County Chamber of Commerce
 Kent County Farm Bureau
 Landscape Contractors Association
 Maryland Farm Bureau, Inc.
 Maryland Nursery & Landscape Association
 National Association of Plant Patent Owners
 National Council of Agricultural Employers
 New Jersey Nursery & Landscape Association
 Pennsylvania Horticultural Society
 Pennsylvania Landscape & Nursery Association
 Royal Horticulture Society



The Pennsylvania Horticultural Society each year awards outstanding plants with their seal of approval, The Pennsylvania Horticultural Society Gold Medal.

Angelica[®]
NURSERIES, INC.

Angelica Nurseries, Inc. has introduced 10 fine landscape plants over the past five decades. These plants are indicated by this symbol.



In the last 80 years, The United States National Arboretum has released over 650 different plants to the American public. We are proud to include some of these fine selections in our catalog.

Patent & Trademark Notice

Patented varieties of plants are sold under license from the plant owner. Patented and Trademark varieties are indicated with the item description.

Grading & Pricing Standards

Our product is graded and priced according to the industry standards as established by the American Nursery & Landscape Association (ANLA). ANLA standards dictate that a plant size designation will be the minimum size allowable for that size interval and shall include plants from that size up to but not including the next larger size interval.

Abelia

Abelia 'Edward Goucher'

Edward Goucher Abelia

Height:	2-5'
Spread:	2-5'
Zone:	6
Origin:	Hybrid cross
Shape:	Upright, rounded
Foliage:	Glossy green
Fall Foliage:	Bronze purple
Flower:	Lavender (pink)
Fruit:	Achene

This hybrid exhibits the same glossy green foliage of *Abelia grandiflora*, but boasts darker pink to lavender flowers. Landscape use below zone 6 should be winter protected.

Abelia x grandiflora 'Compacta'

Compact Abelia

Height:	2-3'
Spread:	2-3'
Zone:	6-6
Origin:	China
Shape:	Mounding
Foliage:	Glossy green
Fall Foliage:	Bronze
Flower:	Pinkish white
Fruit:	Achene

Showy clusters of continuous pink white flowers from May until frost. Compact growth is a bonus. Has been the hardiest of the *Abelia grandiflora* types for us.

Abelia x grandiflora 'Little Richard'

Little Richard Abelia

Height:	2-3'
Spread:	2-3'
Zone:	6
Shape:	Mound
Foliage:	Glossy green
Flower:	White

This compact *Abelia* boasts lustrous dark green leaves and a profusion of white flowers May through September. Appears more tolerant to colder temperatures than *grandiflora*. Good selection for mass planting.

Abies

Abies balsamea 'Phanerolepis'

Canaan Fir

Height:	45-75'
Spread:	20-25'
Zone:	3-6
Origin:	North America
Shape:	Pyramidal
Foliage:	Light green
Fruit:	Cone

Characteristics are similar to *Abies balsamea*, but *Phanerolepis* demonstrates more tolerance to droughty conditions and heavier soil types.

Abies concolor

White Fir

Height:	30-100'
Spread:	15-30'
Zone:	3-7
Origin:	Mexico - Southwestern US
Shape:	Conical
Foliage:	Blue green
Fruit:	Cone

Optimally, this fir averages about one foot of growth per year. It adapts to hot climates better than most firs, but may be damaged by strong winds.

Abies nordmanniana

Nordmann Fir

Height:	40-60'
Spread:	20-30'
Zone:	4-6
Shape:	Pyramidal
Foliage:	Dark green
Fruit:	Cone
Origin:	Caucasus and Asia Minor

A tall, densely pyramidal fir exhibiting a deeper root system than most. Its dark green needles are larger than those of the Fraser. Adapts well to warmer climates.



Acer

Acer campestre

Hedge Maple

Height:	25-35'
Spread:	25-35'
Zone:	4-8
Origin:	Europe, Africa, Near East
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Light green
Fruit:	Samara

This picturesque, medium-sized tree is frequently used in rustic hedges. It is tolerant of heavy pruning and various soil conditions.

Acer campestre 'Evelyn'

Queen Elizabeth® Hedge Maple
P.P.#4392

Height:	30-35'
Spread:	25-30'
Zone:	5-8
Origin:	W. Europe, Africa
Shape:	Rounded
Foliage:	Large dark green
Fall Foliage:	Yellow
Flower:	Yellow
Fruit:	Samara

This small to medium-sized tree displays a densely rounded canopy when in leaf. Foliage is darker green than straight species and changes to a yellow fall color.

Acer griseum

Paperbark Maple

Height:	20-30'
Spread:	15-30'
Zone:	5-7
Origin:	Central China
Shape:	Oval rounded
Foliage:	Dark green
Fall Foliage:	Red
Fruit:	Samara

A slow growing maple with cinnamon-colored exfoliating bark. This plant is an excellent landscape specimen, especially in confined spaces such as an urban garden.



Acer palm. dis. 'Red Dragon'

Red Dragon Laceleaf Japanese Maple

Height:	3-5'
Spread:	5'
Zone:	5-8
Foliage:	Purple
Fall Foliage:	Bright apple red
Flower:	Inconspicuous

(1990 New Zealand Introduction) This vigorously performing Laceleaf exhibits gracefully weeping arches with dark purple leaves retaining color through the summer heat. Resistant to leaf scorch.

Acer palmatum 'Bloodgood'

Bloodgood Japanese Maple

Height:	15-20'
Spread:	15-18'
Zone:	5-8
Shape:	Rounded
Foliage:	Red
Fall Foliage:	Crimson
Fruit:	Samara

Angelica grows this as a single or multi-stemmed tree. It is a perfect accent to any landscape, but particularly nice for specialty gardens or confined urban spaces. Limb height determined by individual character.

Acer palmatum dissectum 'Ever Red'

Ever Red Laceleaf Japanese Maple

Height:	8-10'
Spread:	12-15'
Zone:	5-8
Shape:	Low, rounded
Foliage:	Crimson
Fall Foliage:	Red
Fruit:	Samara

Its silvery young leaves turn crimson to bronze in summer and bright red in fall.

Acer palmatum dissectum 'Garnet'

Garnet Laceleaf Japanese Maple

Height:	6-8'
Spread:	8-10'
Zone:	5-7
Shape:	Weeping
Foliage:	Red
Fall Foliage:	Red Hues

Rich garnet color fades to purple-green. Leaf maintains greenish cast in shade, but develops garnet color in sun. Leaves slightly more coarse than most dissectum types. Vigorous grower.

Acer palmatum dissectum 'Seiryu'

Seiryu Japanese Maple

Height:	25-30'
Spread:	10-16'
Zone:	6
Shape:	Vase
Foliage:	Dark green
Fall Foliage:	Purple
Fruit:	Samara

Reportedly the only upright growing cultivar of the Dissectum maples, Seiryu makes a unique addition to the landscape. Dissected green leaves cover a mature broad canopy turning purple in autumn.

Acer palmatum dissectum 'Waterfall'

Waterfall Japanese Maple

Height:	8-10'
Spread:	10-15'
Zone:	5
Origin:	Japan, China, Korea
Shape:	Rounded
Foliage:	Brilliant green
Fall Foliage:	Yellow suffused with red
Flower:	Small red, purple
Fruit:	Samara



Exhibiting larger leaf surface area than the Virdis types, Waterfall is considered one of the best green leaf Japanese maples. Fall color is golden yellow suffused with red hues.

Acer palmatum var. dissectum 'Tamukeyama'

Tamukeyama Japanese Maple

Height:	6-10'
Spread:	10-12'
Zone:	5-8
Origin:	Japan, Korea, China
Shape:	Low, rounded
Foliage:	Red
Fall Foliage:	Red
Fruit:	Samara



Outstanding selection for its site adaptability and pollution tolerance, this generational favorite maintains its vibrant red color throughout the heat of summer. Slow growing cultivar may grow 6 feet in twenty years.

Acer palmatum var. dissectum 'Crimson Queen'

Crimson Queen Japanese Maple

Height:	8-10'
Spread:	12-15'
Zone:	5-8
Origin:	Japan, China, Korea
Shape:	Low, rounded
Foliage:	Crimson
Fall Foliage:	Crimson
Fruit:	Samara

Often referred to as Laceleaf, this popular cultivar produces thick, cascading branches with serrated crimson leaves. Planted in the shade, leaves turn a subtle bronze to green.

Acer platanoides 'Crimson King'

Crimson King Maple

P.P.#735

Height:	30-50'
Spread:	25-30'
Zone:	4-7
Origin:	Selected in France
Shape:	Rounded
Foliage:	Dark crimson
Fall Foliage:	Bronze
Fruit:	Samara

A vigorous grower with dark crimson foliage, Crimson King is a favorite landscape selection for color and shade. The color holds well throughout summer heat and exhibits tolerance to pollution.

Acer platanoides 'Crimson Sentry'

Crimson Sentry Maple

P.P.#3258

Height:	25'
Spread:	15'
Zone:	4
Shape:	dense, pyr. to oval
Foliage:	deep purple
Fall Foliage:	maroon to red bronze

A bud sport of Crimson King, this specimen exhibits slower growth than its parent. Dark purple foliage covers the broadly columnar silhouette giving a rich burgundy color to the landscape.

Acer platanoides 'Superform'

Superform Norway Maple

Height:	40-45'
Spread:	35-40'
Zone:	4-7
Origin:	Continental Europe
Shape:	Broad
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Green yellow
Fruit:	Samara

This fast grower is remarkably straight-trunked and will mature into a good symmetrical form. It has heavy, dark green foliage.

Acer rubrum 'Armstrong'

Armstrong Maple

Height:	50-70'
Spread:	10-15'
Zone:	3-9
Shape:	Fastigate
Foliage:	Green
Fall Foliage:	Yellow orange

A fast growing, upright tree with silver gray bark. This is a good choice for an area confined by width.

Acer rubrum 'Brandywine'

Brandywine Maple

Height:	25'
Spread:	12'
Zone:	4-8
Shape:	Oval
Foliage:	Medium green
Fall Foliage:	Red-purple
Fruit:	None



This male form exhibits a spectacular fall color display of deep red turning to a brilliant purple. Habit is characterized as moderately columnar.

Acer rubrum 'Franksred'

Red Sunset® Maple

Height:	50-60'
Spread:	35-40'
Zone:	3-8
Origin:	US
Shape:	Oval
Foliage:	Glossy green
Fall Foliage:	Red to orange
Fruit:	Samara

This vigorous grower develops an upright, oval canopy. In fall, green foliage turns a brilliant orange red lasting several weeks.

Acer rubrum 'October Glory'®

October Glory® Maple
P.P.#2116

Height:	40-50'
Spread:	35-40'
Zone:	4-8
Origin:	US
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Crimson
Fruit:	Samara

The last rubrum to color in fall, this cultivar glows brilliant crimson. Excellent choice as a shade tree or landscape specimen.

Acer rubrum 'Sun Valley'

Sun Valley Red Maple

Height:	21'
Spread:	10'
Zone:	4-7
Shape:	Ovate
Foliage:	Medium green
Fall Foliage:	Brilliant red
Fruit:	Samara



Sun Valley a Red Sunset and Autumn Flame cross is a versatile urban tree that adapts easily to a wide range of soil conditions.

Acer saccharum 'Autumn Splendor'

Autumn Splendor Sugar Maple

Height:	45'
Spread:	40'
Zone:	5
Foliage:	Glossy green

Broadly oval to rounded with glossy green foliage. Resistant to heat, drought and leaf tatter. Brilliant orange-red fall color.

Acer saccharum 'Commemoration'®

Commemoration® Sugar Maple
P.P.#5079

Height:	50'
Spread:	35'
Zone:	4
Origin:	US
Shape:	oval to rounded
Foliage:	Dark green
Fall Foliage:	Orange to red
Flower:	Green yellow
Fruit:	Samara

A vigorous caliper tree, Commemoration peaks in fall coloration about 10 to 14 days earlier than the species. Solid landscape performer with a dense rounded canopy for shade with resistance to leaf tatter.

Acer saccharum 'Green Mountain'®

Green Mountain® Sugar Maple
P.P.#2339

Height: 50-75'
Spread: 40-45'
Zone: 3-8
Origin: US
Shape: Broad upright
Foliage: Dark green
Fall Foliage: Red to orange
Fruit: Samara

Green Mountain displays an upright canopy with dense, waxy green foliage. The leaves retain their color even during dry summer months. Fall color is consistently a reddish orange glow.

Acer saccharum 'Legacy'®

Legacy® Sugar Maple
P.P.#4979

Height: 35-50'
Spread: 25-30'
Zone: 5
Origin: US
Shape: Oval
Foliage: Waxy green
Fall Foliage: Orange-red
Fruit: Samara

A superior cultivar of *Acer saccharum* demonstrating drought tolerance. High glossy leaves are resistant to leaf tatter. They symmetrically oval canopy makes this plant widely sought for specimen plantings.

Acer truncatum x Acer platanoides 'Keithsform'

Norwegian Sunset® Maple
P.P.#7529

Height: 20-25'
Spread: 20-25'
Zone: 5-8
Origin: Hybrid cross
Shape: Round-headed
Foliage: Dark green
Fall Foliage: Tangerine to red
Fruit: Samara

A small, oval canopied tree exhibiting characteristics in scaffold and branching similar to its Norway Maple parentage. Turns to an excellent tangerine to red color during fall.

Acer x freemanii 'Jeffersred'

Autumn Blaze® Maple
P.P.#4864

Height: 45-50'
Spread: 35-40'
Zone: 3-8
Origin: Selected in US
Shape: Broad oval
Foliage: Green
Fall Foliage: Orange-red
Flower: Red
Fruit: Nearly seedless

(2004 Urban Tree of the Year) Resembling silver maple in leaf shape, this extremely versatile tree exhibits a great tolerance to soil types and an unsurpassed fall color. Landscape uses include shade and accent plantings

Aesculus

Aesculus parviflora

Bottlebrush Buckeye

Height: 8-12'
Spread: 8-15'
Zone: 4-8
Origin: SC, GA to AL and FL
Shape: Wide spreading
Foliage: Green
Fall Foliage: Lemon yellow
Flower: White
Fruit: Capsule



This low maintenance shrub exhibits large white summer flowers against strongly textured foliage in mid-summer. *Aesculus parviflora* makes an excellent understory plant for massing. Shows deer resistance.

Aesculus x carnea 'Briotii'

Red Horsechestnut

Height: 30-40'
Spread: 20-30'
Zone: 4-7
Origin: France
Shape: Broadly rounded
Foliage: Dark green
Fall Foliage: Green to yellow
Flower: Deep red
Fruit: Capsule

This broad rounded, dense shade tree sports dark rosy red 10 inch flower panicles in late spring. The popularity dates back to the mid 19th century when it was first discovered from a chance seedling in France.

Aesculus x carnea 'Ft. McNair'

Ft. McNair Horsechestnut

Height:	40-50'
Spread:	20-45'
Zone:	4-7
Origin:	Europe
Shape:	Broadly rounded
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Pink, yellow throat
Fruit:	Capsule

Selected from the grounds of Fort McNair in Washington, DC., this tree exhibits the same excellent foliage characteristics of the other *Aesculus* crosses. Pink panicles with yellow throats adorn canopy in late spring.

Amelanchier

Amelanchier 'Autumn Brilliance'

Autumn Brilliance Serviceberry
P.P.#5717

Height:	20-25'
Spread:	10-15'
Zone:	4-8
Origin:	Hybrid cross
Shape:	Upright
Foliage:	Medium green
Fall Foliage:	Brilliant red
Flower:	White clusters
Fruit:	Bluish purple berry

This leaf spot resistant cultivar grows quickly producing a heavily branched specimen. Leaves are persistent through summer heat with red fall color.

Amelanchier 'Princess Diana'

Princess Diana Serviceberry

Height:	20-25'
Spread:	15-20'
Zone:	4-9
Origin:	Hybrid cross
Shape:	Upright rounded
Foliage:	Medium green

This plant with a rounded canopy, provides many outstanding landscape traits. Persistent leaves and white flowers are followed by outstanding red fall color.

Amelanchier alnifolia

Saskatoon Serviceberry

Height:	10-15'
Spread:	5-6'
Zone:	4-7
Origin:	Great Plains to NE
Shape:	Upright, multi-stem
Foliage:	Green
Fall Foliage:	Golden red
Flower:	White, compact clusters
Fruit:	Blue berries

This multi-stemmed, suckering shrub produces an abundance of white flowers in spring. The flowers are followed by large, edible berries that are bluish-purple when ripe.

Amelanchier canadensis

Shadblow Serviceberry

Height:	20-25'
Spread:	10-15'
Zone:	3-7
Origin:	MI to Eastcoast
Shape:	Upright
Foliage:	Gray green
Fall Foliage:	Yellow and red
Flower:	White, small clusters
Fruit:	Black berries

At maturity, this plant may be either a suckering shrub or small tree. Its single white flowers are so numerous, they engulf the tree in the spring. Fruit appears in July as purple to black berries.

Amelanchier laevis

Allegheny Serviceberry

Height:	20-25'
Spread:	15-20'
Zone:	4-8
Origin:	ME to GA, West to MI
Shape:	Upright
Foliage:	Green
Fall Foliage:	Orange and red
Flower:	White, small clusters
Fruit:	Black

This small native tree prefers wet sites and full sun. Masses of white flowers cascade throughout the canopy giving rise to sweet edible black fruit in summer. Flowers are showy but short lived. Medium growth rate.

Amelanchier laevis 'Prince Charles'

Prince Charles Allegheny Serviceberry
P.P.#6040

Height:	25-30'
Spread:	15-20'
Zone:	5-8
Shape:	Upright vase
Foliage:	Green
Fall Foliage:	Orange red
Flower:	White
Fruit:	Purple pome

White flowers cluster in drooping cascades in mid spring prior to leaf emergence. The purple berries provide bird activity all summer long and the fall colors of orange and red are a lovely accent in the landscape.

Azalea

Kurume (Zone 6-9)

Some of the oldest, earliest blooming azaleas.

'Hershey Pink'	Pink
'Hino Crimson'	Crimson
'Hershey Red'	Red
'Mother's Day'	Red
'Snowball'	White
'Tradition'	Pink

Gable Hybrids (Zone 5-7)

Considered some of the hardiest evergreen azaleas for Zone 5, this collection blooms late April to early May.

'Blaauw's Pink'	Shrimp pink
'Corsage'	Lavender
'Rosebud'	Rose pink
'Stewartstonian'	Brick red



Glenn Dale Hybrids (Zone 6-8)

Cold hardy selections for the mid-Atlantic region, these evergreen azaleas bloom from May to June.

'Delaware Valley White'	White
'Treasure'	White with pink edge

Girard Hybrids (Zone 5-7)

Evergreen azaleas characterized by dark green, glossy foliage and flower bud hardiness to Zone 5.

'Girard Crimson'	Crimson
'Girard Fuchsia'	Red purple
'Girard Kathy'	White
'Girard Scarlet'	Red orange

Satsuki Hybrids (Zone 6-9)

These compact, evergreen shrubs are valuable for landscape requiring low growing plants in partly shaded areas. Late blooming.

'Higasa'	Rose pink
'Kaempho'	Pink

Miscellaneous Evergreen Hybrids (Zone 6-9)

'Royalty'	Lavender
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Betula

Betula nigra

River Birch

Height:	40-70'
Spread:	40-60'
Zone:	3-9
Shape:	Rounded
Foliage:	Lustrous green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

Reddish-brown exfoliating bark adds to its winter interest. This tree performs well in moist to wet soils and is resistant to bronze birch borer.

Betula nigra 'BNMTF'

Dura-Heat® Birch

Height:	30-50'
Spread:	25-40'
Zone:	3-9
Origin:	US
Shape:	Oval
Foliage:	Glossy olive green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

Superior selection displays creamy white exfoliating bark. Glossy foliage withstands heat yielding to birch yellow fall color. Resistant to bronze birch borer.

Betula nigra 'Cully'

Heritage® River Birch
P.P.#4409

Height:	70-90'
Spread:	40-70'
Zone:	3-9
Origin:	North America
Shape:	Oval to round
Foliage:	Glossy dark green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet



Heritage is a heat tolerant native that exhibits creamy tan to salmon exfoliating bark. Resistant to leaf spot and bronze birch borer. May be used in specimen or border plantings.

Betula nigra 'Summer Cascade'™

Summer Cascade™ River Birch
P.P.#15105

Height:	12-15'
Spread:	8-10'
Zone:	4-8
Shape:	Gracefully weeping
Foliage:	Medium green
Fall Foliage:	Yellow
Flower:	Inconspicuous
Fruit:	Nutlet, brown

Fast growing with graceful arching branches that weep to the ground. Creamy brown exfoliating bark in winter. Tolerant of wet soils. Resistance to bronze birch borer.

Betula papyrifera 'Renci'

Renaissance Reflection® Paper Birch
P.P.#12768

Height:	30-40'
Spread:	20-35'
Zone:	3
Origin:	Hybrid cross
Shape:	Slender pyramidal
Foliage:	Glossy green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

A hybrid cross selected for its great resistance to bronze birch borer, this birch is a rapid, slender grower and an excellent clumping specimen. Mature plants exhibit a graceful pyramidal form with white bark.

Betula pendula 'Youngii'

Young's Weeping Birch

Height:	12-15'
Spread:	12-15'
Zone:	2-7
Origin:	Originated in England
Shape:	Weeping
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

An asymmetrical, weeping cultivar whose branching creates a distinctive form in the garden. Widely used as an accent or interest plant in small landscape spaces.

Buxus

Buxus 'Arctic Emerald'

Arctic Emerald Boxwood
P.P.#18289

Height:	6-8'
Spread:	2-3'
Zone:	4-9
Shape:	Upright columnar
Foliage:	Medium green
Flower:	Apetalous
Fruit:	Capsule

Extremely hardy and holds deep green color all winter long. New growth is chartreuse green. Originated in Western Pennsylvania. Fast growing.

Buxus 'Glencoe'

Chicagoland Green® Boxwood

Height:	2-3'
Spread:	2-3'
Zone:	4
Origin:	Hybrid cross
Shape:	Compact spreading
Foliage:	Dark green

(Chicago Botanical Gardens Introduction) (*Buxus sempervirens* x *Buxus koreana*) This plant holds the best winter color of the hybrid boxwoods. Faster growing than Green Velvet, this is a hardy landscape selection.

Buxus 'Green Gem'

Green Gem Boxwood

Height: 2-4'
Spread: 2-4'
Zone: 5-8
Shape: Low, compact

Exhibiting the traditional tightly mounded form of English boxwood, this slow growing cultivar requires little to no pruning. A good choice for landscapes as the deer population remains disinterested in this plant.

Buxus 'Green Ice'[®]

Green Ice[®] Boxwood
P.P.#10773

Height: 3'
Spread: 3'
Zone: 5
Shape: Mound
Foliage: Blue-green

An extremely hardy introduction from Conard-Pyle, this boxwood greets the spring with a blue-green flush of new growth.

Buxus 'Green Mountain' columnar

Columnar Green Mountain Boxwood

Height: 4-5'
Spread: 2-3'
Zone: 4-8
Shape: Columnar
Foliage: Dark green
Flower: Inconspicuous

A vigorous grower with small dark green leaves. Leaves will retain their color through winter. Superior hardiness and color. Excellent use as a hedge.

Buxus 'Green Mountain' globose

Globose Green Mountain Boxwood

Height: 4-5'
Spread: 2-3'
Zone: 4-8
Shape: Globose
Foliage: Dark green
Flower: Inconspicuous

A vigorous grower with small dark green leaves. Leaves will retain their color through winter. Superior hardiness and color. Excellent use as a hedge.

Buxus 'Green Mountain' pyramid

Pyramidal Green Mountain Boxwood

Height: 4-5'
Spread: 2-3'
Zone: 4-8
Shape: Compact, pyramidal
Foliage: Dark green
Flower: Inconspicuous

A vigorous grower with small dark green leaves. Leaves will retain their color through winter. Superior hardiness and color. Excellent use as a hedge.

Buxus 'Green Velvet'

Green Velvet Boxwood

Height: 3-4'
Spread: 3-4'
Zone: 5-8
Origin: Japan
Shape: Rounded

A slow growing hybrid highly recommended for today's gardens because of its tolerance to a wide range of environmental conditions. Retains color through the winter. Deer resistant and disease free.



Buxus mic. var. jap. 'Green Beauty'

Green Beauty Boxwood

Height: 3'
Spread: 4'
Zone: 6-8
Origin: Japan
Shape: Rounded
Foliage: Green
Flower: Cream
Fruit: Inconspicuous

Upright form with year round dense dark green foliage. Little winter bronzing and tolerant to Boxwood Blight make this plant very versatile.

Buxus mic. var. jap 'Winter Gem'

Winter Gem Boxwood

Height: 3-4'
Zone: 5-8
Shape: Low, compact
Foliage: Deep velvety green

This fast growing little leaf boxwood retains its green foliage color throughout the winter and summer seasons. Demonstrates excellent cold hardiness at Angelica.

Buxus microphylla 'John Baldwin'

John Baldwin Boxwood

Height:	10'
Spread:	3-4'
Zone:	6-8
Shape:	Upright Conical
Foliage:	Green

Attractive small leaf with fine textured foliage. New foliage has a blue tint and fades to blue green. Requires little pruning. Columnar shape that gets fatter as it grows.

Buxus sempervirens 'Argentea' (Okigami)

Argentea Boxwood

Height:	6-8'
Spread:	3-4'
Zone:	6-8
Shape:	Columnar, pyramidal
Foliage:	Dark green with white

A upright evergreen with dark green leaves and a cream colored margin. As with many variegated plants, Argentea is slow growing. Confirmation from US National Arboretum changes the name from Okigami to Argentea.

Buxus sempervirens 'Dee Runk'

Dee Runk Boxwood

Height:	10-12'
Spread:	2-3'
Zone:	6-8
Shape:	Slim conical
Foliage:	Green
Flower:	Insignificant

This boxwood thrives in a variety of conditions. Slightly narrower but similar to fastigiata. Medium growth rate and deer resistant. Can be trained to single leader.

Buxus sempervirens 'Fastigiata'

Columnar Boxwood

Height:	8-12'
Spread:	3-4'
Zone:	5-8
Shape:	Conical
Foliage:	Dark green

A dense, finely textured evergreen that retains its columnar shape without shearing.

Buxus sempervirens 'Graham Blandy'

Graham Blandy Boxwood

Height:	8-10'
Spread:	2-3'
Zone:	5-6
Shape:	Columnar
Foliage:	Dark Green

This narrow columnar form has dark leaves and a vertical branching habit. It needs very little pruning and is excellent as a hedge or specimen.

Buxus sempervirens 'Highlander'

Highlander Boxwood

P.P.#22978

Height:	6-7'
Spread:	3-4'
Zone:	5-9
Shape:	Upright to pyramidal
Flower:	Not showy
Fruit:	Capsule

One of the fastest growing boxwoods. Maintains same dark green color of species, but slightly larger. Responds to hard pruning to maintain size.

Buxus sempervirens 'Rotundifolia'

Rotundifolia Boxwood

Height:	5'
Spread:	4'
Zone:	6
Shape:	Upright rounded
Foliage:	Dark green

Distinctive 1 inch long by half inch wide leaves are nearly round. Rapid grower. Use as hedge or accent plant.

Buxus sempervirens 'Vardar Valley'

Vardar Valley Boxwood

Height:	2-3'
Spread:	4-6'
Zone:	5-8
Shape:	Compact
Foliage:	Blue green

A hardy, slow-growing (2"-4" per year) cultivar that will grow twice as wide as high. Recent studies show Vardar Valley exhibiting high levels of resistance to boxwood leafminer (*Monarthropalpus flavus*).



Buxus sinica var. insularis 'Koreana'

Korean Boxwood

Height:	2-3'
Spread:	4-6'
Zone:	4-8
Shape:	Spreading, compact
Foliage:	Green
Fall Foliage:	Brown-green

Formerly *Buxus microphylla koreana*, Korean boxwood's popularity continues to increase not only because of its cold hardiness, but its lack of gourmet appeal to the deer population.

Buxus x 'Green Mound'

Green Mound Boxwood

Height:	3'
Spread:	3'
Zone:	4-8
Origin:	Japan
Shape:	Mound
Foliage:	Dark green

Modest grower and tolerant of a wide range of soil conditions. Extremely cold hardy and excellent color. Good substitute for English boxwood.

Carpinus

Carpinus betulus 'Fastigiata'

Pyramidal European Hornbeam

Height:	30-45'
Spread:	25-30'
Zone:	4-7
Origin:	Species: Europe, Asia
Shape:	Pyramidal
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

Naturally grows to an oval-vase shape, but with shearing develops into a dense hedge-form. *Fastigiata* is also well liked for its shade tree attributes in the landscape. One of the most versatile landscape plants.

Carpinus betulus 'Frans Fontaine'

Frans Fontaine Hornbeam

Height:	30-35'
Spread:	15-18'
Zone:	5-7
Origin:	Species: Europe, Asia
Shape:	Columnar
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

Frans Fontaine displays the most narrow columnar habit of all the *Carpinus betulus* cultivars. Great selection for restricted landscape spaces.

Carpinus betulus 'Pendula'

Weeping Hornbeam

Height:	8-10'
Spread:	4-7'
Zone:	5
Origin:	Europe, Asia
Shape:	Weeping
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

The pendant form of European hornbeam makes a good selection for low clearance gardens and small spaces. A graceful addition to any planting or collection.

Carpinus caroliniana

American Hornbeam

Height:	20-30'
Spread:	20-30'
Zone:	3-9
Origin:	Nova Scotia, MN; TX - FL
Shape:	Round spreading
Foliage:	Dark green
Fall Foliage:	Orange, red to purple
Flower:	Catkin
Fruit:	Nutlet

Native tree used in naturalized plantings as well as formal gardens. Demonstrates some tolerance to wet soils and occasional flooding. Prefers acidic soils for optimum performance.

Carpinus japonica

Japanese Hornbeam

Height:	20-30'
Spread:	10-20'
Zone:	4-7
Origin:	Japan
Shape:	Broad oval
Foliage:	Deep green
Fall Foliage:	Red
Flower:	Catkin
Fruit:	Nutlet



Smaller in stature than its cousins, this species has a broader, fan-like form. Dark green, deeply veined leaves turn a pale rosy red in autumn. Makes an interesting landscape addition.

Cedrus

Cedrus atlantica 'Aurea'

Golden Atlas Cedar

Height:	30-40'
Spread:	20-30'
Zone:	6-9
Origin:	Algeria, Morocco
Shape:	Oval
Foliage:	Golden yellow
Fruit:	Cone

The yellow form of the Atlas Cedar, this plant adheres more to a stiff, upright form. It is not as vigorous or as rapid a grower as the straight species.

Cedrus atlantica 'Glauca Fastigiata'

Fastigate Atlas Cedar

Height:	40-50'
Spread:	15-30'
Zone:	6
Origin:	Atlas Mountains, Morocco
Shape:	Columnar
Foliage:	Blue green
Fruit:	Cone

This interesting upright form features blue green needles on a narrow form of the Atlas Cedar. Not as robust as straight species, it is none the less a worthy accent plant as a focal point in the garden.

Cedrus atlantica 'Glauca Pendula'

Weeping Blue Atlas Cedar

Zone:	6
Origin:	Clone
Shape:	Pendulous
Foliage:	Blue green
Fruit:	Cone

This lovely clone exhibits the same intense blue green foliage in the weeping form. It must be staked to establish a strong leader. Excellent choice as a specimen as it appears to be a waterfall of foliage.

Cedrus atlantica 'Glauca'

Blue Atlas Cedar

Height:	40-60'
Spread:	30-40'
Zone:	6-9
Origin:	Algeria, Morocco
Shape:	Pyramidal, broad
Foliage:	Blue green
Fruit:	Cone

A narrow pyramidal evergreen that broadens with age. Performs optimally on sites with adequate drainage. Blue Atlas is excellent as a specimen tree.

Cedrus deodara

Deodara Cedar

Height:	40-70'
Spread:	40-70'
Zone:	6-8
Origin:	Western Himalayas
Shape:	Pyramidal, broad
Foliage:	Light green
Fruit:	Cones

The strongly pyramidal habit and graceful pendulous branches make this an excellent landscape selection. Light green foliage is delicate and finely textured. Needs little maintenance once established.

Cedrus deodara 'Aurea'

Golden Himalayan Cedar

Height:	15-20'
Spread:	10-15'
Zone:	6
Shape:	Broadly conical
Foliage:	Golden
Fruit:	Cone

Characterized by soft golden needles on pendulous branches, the golden form of the Himalayan Cedar is a broadly conical plant and does not attain the height of the species. Full sun maintains color.

Cedrus deodara 'Electra'

Electra Himalayan Cedar

Height:	40'
Spread:	30'
Zone:	6-9
Shape:	Upright
Foliage:	Electrifying blue
Fruit:	Cone

Excellent screen, specimen or accent tree. Intense powder blue needles on this moderate to slow grower. Prefers sun in well drained soil.

Cedrus deodara 'Feeling Blue'

Feeling Blue Deodara Cedar

Height:	10-12'
Spread:	4-6'
Zone:	6
Shape:	Prostrate
Foliage:	Shiny, powder blue
Fruit:	Cone

Drought tolerant when established. This plant requires full sun and provides winter interest. Is suitable for growing in containers.

Cedrus deodara 'Kashmir'

Kashmir Deodara Cedar

Height:	30-40'
Spread:	20'
Zone:	6-8
Shape:	Pyramidal
Foliage:	Silvery blue-green
Fruit:	Cone

Reliably cold hardy with gracefully weeping branches that fill in with age.

Cedrus libani

Cedar of Lebanon

Height:	75-120'
Spread:	80-100'
Zone:	5-7
Origin:	Asia Minor
Shape:	Pyramidal
Foliage:	Bright green
Fruit:	Cone

Treated as a specimen for its commanding appearance at maturity, *Cedrus libani* is characterized by sweeping lower branches rising to broadly horizontal limbs in a stately pyramidal form.

Cedrus libani stenocoma

Stenocoma Cedar of Lebanon

Height:	50-60'
Spread:	80-100'
Zone:	6
Origin:	Southwest Turkey
Shape:	Conical to columnar
Foliage:	Green
Fruit:	Cone

In juvenile form, this conifer assumes a conical appearance gradually stretching to columnar form at maturity. Considered one of the more cold hardy selections of *Cedrus*.

Cephalotaxus

Cephalotaxus harringtonia 'Duke Gardens'

Duke Gardens Yew

Height:	2-3'
Spread:	3-4'
Zone:	6-9
Foliage:	Dark green
Flower:	Non showy

A sport of *fastigiata* with all the desirable characteristics of a gracefully spreading yew. Tolerant of drought, heat and deer but not tolerant of winds.

Cephalotaxus harringtonia 'Fastigiata'

Upright Japanese Plum Yew

Height:	10'
Spread:	6-8'
Zone:	6-9
Shape:	Columnar
Foliage:	Dark green
Flower:	None

Two inch long leaves are black-green. Leaves spirally arranged on stem in a bottlebrush fashion. Slow growing with unusual textural quality.

Cercis

Cercis canadensis

Eastern Redbud, Judas Tree

Height:	20-30'
Spread:	25-35'
Zone:	4-9
Origin:	Mid-Atlantic to Mid-West
Shape:	Rounded
Foliage:	Green, red tint
Fall Foliage:	Yellow
Flower:	Pale rose
Fruit:	Pods

A US native species, this small tree exhibits versatile landscape uses. Whether mass planted or used as a specimen, its lavender rose flowers are the herald of spring.

Cercis canadensis 'Forest Pansy'

Forest Pansy Redbud

Height:	20-30'
Spread:	25-35'
Zone:	5-9
Origin:	Eastern US
Shape:	Broadly rounded
Foliage:	Purple to bronze green
Fall Foliage:	Red, green and orange
Flower:	Magenta
Fruit:	Pod

Purple to burgundy cordate leaves glow in early summer. The leaf color becomes more muted in later months. Fall color can be a rich blend of red and orange. Habit is similar to straight species.

Chamaecyparis

Chamaecyparis nootkatensis 'Pendula'

Weeping Alaskan Cedar

Height:	30-45'
Spread:	15-20'
Zone:	4-8
Origin:	Northwest and Canada
Shape:	Open pyramidal
Foliage:	Blue green
Fruit:	Cone

An extremely hardy cultivar, this weeping Falsecypress grows in landscape popularity. Its gracefully drooping branches and branchlets give an added interest to design throughout all seasons.

Chamaecyparis obtusa 'Crippsii'

Golden Hinoki Falsecypress

Height:	15-30'
Spread:	15-20'
Zone:	4-8
Shape:	Broad pyramidal
Foliage:	Golden yellow
Fruit:	Cone

Bright golden foliage covers the outside of this conifer throughout the year. The spreading branches become increasingly dense with age.

Chamaecyparis obtusa 'Filicoides'

Fernspray Falsecypress

Height:	10-12'
Spread:	8-10'
Zone:	4-8
Shape:	Irregular
Foliage:	Dark green
Fruit:	Cones

A low growing, small sized Hinoki Falsecypress with frond-like branches.

Chamaecyparis obtusa 'Gracilis Compacta'

Compact Hinoki Falsecypress

Height:	5-8'
Spread:	3-5'
Zone:	4-8
Shape:	Compact pyramidal
Foliage:	Dark green
Fruit:	Cones

A low growing, dwarf conifer that reaches only 3feet in its first ten years. Its dense pyramidal habit is composed of sprays of dark green foliage.

Chamaecyparis obtusa 'Nana Gracilis'

Dwarf Hinoki Falsecypress

Height:	4-6'
Spread:	3-4'
Zone:	4-8
Shape:	Pyramidal
Foliage:	Dark green
Fruit:	Cones

An extremely slow growing cultivar. Its very dense, frond like foliage adds an interesting texture to the garden design. Good choice for rock gardens or as a specimen feature.

Chamaecyparis obtusa 'Torulosa'

Twisted Hinoki Cypress

Height:	10-12'
Spread:	10-12'
Zone:	4-8
Shape:	Pyramidal
Foliage:	Deep green
Fall Foliage:	Bronze
Fruit:	Cone

A slow growing cultivar producing twisted foliage resembling a coral reef. Best used as a specimen in a small landscape.

Chamaecyparis pisifera 'Filifera Aurea'

Gold Thread Falsecypress

Height:	12-15'
Spread:	8-12'
Zone:	4-8
Shape:	Broad pyramidal
Foliage:	Golden
Fruit:	Cone

This is a slow growing golden version of the Threadbranch Falsecypress. It prefers acidic soils.

Chamaecyparis pisifera 'Filifera'

Threadbranch Falsecypress

Height:	12-15'
Spread:	8-12'
Zone:	4-8
Shape:	Broad pyramidal
Foliage:	Light green, yellow hue
Fall Foliage:	Bronze

Grows from a dense, mounding shrub into a broad, pyramidal evergreen. Its drooping thread-like foliage acquires a bronze cast during winter. Responds well to shearing and drought conditions.

Chamaecyparis pisifera 'Lemon Drop'

Lemon Drop Falsecypress

Height:	12-15'
Spread:	8-12'
Zone:	4-8
Shape:	Broad pyramidal
Foliage:	Bright yellow
Fruit:	Cone

Densely conical habit similar to *Chamaecyparis pisifera* 'Filifera Aurea,' but is slower growing. Its golden color foliage makes a nice landscape specimen or addition in rock garden plantings.

Chionanthus

Chionanthus retusus

Chinese Fringetree

Height:	15-25'
Spread:	10-20'
Zone:	5
Origin:	China
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Fleecy white
Fruit:	Blue drupe

Snow white flowers abundantly proliferate in early spring giving way to an ornamental black drupe that remains until early winter. Dark green leaves and highly polished bark make this a four season plant.

Chionanthus virginicus

White Fringetree

Height:	15-20'
Spread:	15-20'
Zone:	3-9
Origin:	Southeastern U.S.
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Yellow
Flower:	White, fragrant
Fruit:	Berries, dark blue

A versatile palnt with an abundance of fragrant white flowers in May and June. Dark blue fruit persists until October. Excellent choice for urban areas. Tolerant to pollution and a wide range of environmental conditions

Cladrastus

Cladrastus kentukea

American Yellowwood

Height:	30-50'
Spread:	35-50'
Zone:	4-8
Origin:	US
Shape:	Broadly rounded
Foliage:	Bright green
Fall Foliage:	Yellow
Flower:	White, fragrant
Fruit:	Pod

A medium sized shade tree valued for both foliage and floral display. It is an excellent choice for groupings or for specimen planting in areas of limited space. Canopy appears to drip with fragrant chains of flowers.



Clethra

***Clethra alnifolia* 'Hummingbird'**

Hummingbird Summersweet

Height:	2-3'
Spread:	4-6'
Zone:	4-9
Origin:	Eastern US to TX
Shape:	Round
Foliage:	Black-green
Fall Foliage:	Golden yellow
Flower:	White
Fruit:	Capsule



A compact deciduous shrub renowned for its multitude of landscape merits. Its black green leaves become completely engulfed in 4"-6" white blooms. Excellent selection for border and mass plantings for summer fragrance.

***Clethra alnifolia* 'Ruby Spice'**

Ruby Spice Summersweet

Height:	5-8'
Spread:	3-5'
Zone:	4-9
Origin:	Eastern US
Shape:	Open oval
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Rosy pink
Fruit:	Capsule



Deep reddish-pink flowers holding their color through the bloom cycle make this branch sport of Pink Spires a worthy landscape selection. This shrub gives stunning summer interest when used in mass plantings.

Cornus

Cornus 'Rutban'

Aurora® Dogwood
P.P.#7205

Height:	15-20'
Spread:	15-20'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Upright rounded
Foliage:	Dark green
Fall Foliage:	Reddish-purple
Flower:	White bract



From the Stellar series, Dr. Elwin Orton, Rutgers University has produced an extremely vigorous, upright tree adorned with velvety creamy white bracts. Exhibits good resistance to Discula infection.

Cornus 'Rutcan'

Constellation® Dogwood
P.P.#7210

Height:	25-30'
Spread:	20-25'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Upright
Foliage:	Green
Fall Foliage:	Red
Flower:	White
Fruit:	Sterile

Another of the Rutgers University clones, this vigorous tree's habit is uniformly wide from top to bottom. White floral bracts do not overlap and is covered abundantly in bloom.

Cornus 'Rutdan'

Celestial® Dogwood
P.P.#7204

Height:	20-25'
Spread:	15-20'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Upright, erect
Foliage:	Green
Fall Foliage:	Red
Flower:	White, overlapping

Another of the Stellar series, *Cornus 'Rutdan'* (formerly Galaxy) is a vigorous grower with disease and borer resistance. Its floral bracts are cupped, then flatten to a wide, rounded form. (sterile)

Cornus 'Rutgan'

Stellar Pink® Dogwood
P.P.#7207

Height:	20-30'
Spread:	15-25'
Zone:	5-7
Origin:	Hybrid cross
Shape:	Upright rounded
Foliage:	Green
Fall Foliage:	Red
Flower:	Light pink
Fruit:	Sterile

This Rutgers clone presents pink and white floral bracts that are rounded and overlap. It is a vigorous grower with an upright habit.

Cornus 'Rutlan'

Ruth Ellen® Dogwood
P.P.#7732

Height:	15-18'
Spread:	20-22'
Zone:	5-7
Origin:	Hybrid cross
Shape:	Rounded, spreading
Foliage:	Green
Fall Foliage:	Red-purple
Flower:	Clear white
Fruit:	Sterile



This Rutgers cross displays many of the desirable growth and flowering characteristics of *Cornus florida*. It is a low growing, widely branching tree with spectacular white blooms.

Cornus florida 'Cherokee Brave'

Cherokee Brave Dogwood

Height:	10-20'
Spread:	10-20'
Zone:	5-9
Origin:	MA to FL, TX to Mexico
Shape:	Upright, rounded
Foliage:	Green
Fall Foliage:	Red
Flower:	Red-pink
Fruit:	Drupe - Glossy Red

A vigorous grower that is reported to have resistance to mildew.

Cornus florida 'Cherokee Princess'

Cherokee Princess Dogwood

Height:	10-25'
Spread:	10-25'
Zone:	5-9
Origin:	MN to FL TX to Mexico
Shape:	Upright, rounded
Foliage:	Green
Fall Foliage:	Bright red
Flower:	White
Fruit:	Red

An early-flowering tree, Cherokee Princess consistently produces a heavy display of large white bracts. The foliage turns brilliant red in autumn with reported good resistance to spot anthracnose and canker.

Cornus florida 'Grofflor'

Spring Grove Dogwood
P.P.#8500

Height:	15-30'
Spread:	15-20'
Zone:	5
Shape:	Broad
Foliage:	Dark green
Fall Foliage:	Reddish-purple
Flower:	White
Fruit:	Red

Abundant large white flowers in spring and heavy red fruit set in summer. Green leaves turn reddish-purple in fall. Susceptible to powdery mildew. Slow growing.

Cornus kousa

Kousa Dogwood

Height:	20-25'
Spread:	20-25'
Zone:	5-8
Origin:	Japan, Korea, China
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Crimson
Flower:	White
Fruit:	Red, raspberry-like

This handsome specimen tree grows from a narrow upright habit when young to a broadly spreading canopy. It is an excellent choice for accent or foundation plantings. Creamy white bracts surround raspberry color fruit.

Cornus kousa 'Heart Throb'

Heart Throb Dogwood

Height:	20-30'
Spread:	20-30'
Zone:	5-8
Origin:	Japan, Korea, China
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Reddish purple
Flower:	Rosy red bracts
Fruit:	Glossy red drupe

This cultivar exhibits large, deep rosy red bracts on a wide rounded canopy. A wonderful specimen tree suited for a wide variety of landscape uses.

***Cornus kousa* 'Satomi'**

Pink Japanese Dogwood

Height:	20'
Spread:	15'
Zone:	5-8
Fall Foliage:	Red-scarlet tint
Flower:	Pink
Fruit:	Red

This moderate grower needs room to spread. A showy plant with pink-red bracts in spring and red fruit in fall.

***Cornus kousa* x '*Venus*'**

Venus Kousa Dogwood

Height:	15-20'
Spread:	15-20'
Zone:	5-9
Foliage:	Glossy green
Flower:	White
Fruit:	Strawberry like

(*Cornus kousa* x *Cornus nuttallii*) Blooms early in spring with large 6" green centered pure white blooms. Reported to have superb resistance to anthracnose and powdery mildew. Cold hardy, frost and drought tolerant.

Cornus mas

Cornelian Cherry Dogwood

Height:	20-25'
Spread:	15-20'
Zone:	4-8
Origin:	Europe and western Asia
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Crimson
Flower:	Yellow
Fruit:	Red drupe

Small yellow flowers appear in dense clusters so profuse that the entire plant appears to be yellow in early spring. This pest free plant has showy exfoliating bark.

Cotinus

***Cotinus coggygria* 'Purple Supreme'**

Purple Supreme Smokebush

Height:	12-15'
Spread:	15'
Zone:	5-8
Foliage:	Burgundy
Fall Foliage:	Red
Flower:	Purple-pink

Beautiful burgundy leaves and puffs of pink cover this small tree. Brilliant red fall color. Fruit is not ornamentally significant.

***Cotinus coggygria* 'Velvet Cloak'**

Velvet Cloak Smokebush

Height:	10-15'
Spread:	10-15'
Zone:	4-8
Shape:	Upright spreading
Foliage:	Purple
Fall Foliage:	Orange-red
Flower:	Yellow

Handsome dark purple leaf maintains good color through most of summer. This medium grower exhibits spectacular fall color.

Crataegus

Crataegus crusgalli* var. *inermis

Thornless Cockspur Hawthorn

Height:	20-25'
Spread:	20'
Zone:	3-7
Origin:	Canada to NC - KS
Shape:	Rounded, spreading
Foliage:	Glossy green
Fall Foliage:	Orange-green
Flower:	White, clusters
Fruit:	Red, small clusters

This thornless variety produces an abundance of fruit and tolerates city and drought conditions. A *Crataegus* that may be used on residential sites without the thorn concern.

***Crataegus viridis* 'Winter King'**

Winter King Hawthorn

Height:	25-30'
Spread:	25'
Zone:	4-7
Origin:	MD, VA - IL, TX, FL
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Purple to scarlet
Flower:	White, clusters
Fruit:	Red

This tree's multi colored bark gains interest with age. Its flowers appear in clusters followed by small red fruit persisting into the winter. Nicely vase shaped branching makes a graceful specimen.



Cryptomeria

***Cryptomeria japonica* 'Angelica'**

Angelica Cryptomeria

Height:	50-60'
Spread:	20-30'
Zone:	5-8
Origin:	China, Japan
Shape:	Pyramidal
Foliage:	Green
Fall Foliage:	Bronze cast
Fruit:	Cones



Selected for hardiness, this majestic pyramidal evergreen has slightly weeping young growth which gives an overall feathery appearance. Bark displays shades of reddish brown as the tree matures.

***Cryptomeria japonica* 'Cristata'**

Cristata Cryptomeria

Height:	50-60'
Spread:	20-30'
Zone:	5-8
Origin:	China, Japan
Shape:	Conical
Foliage:	Dark green
Fruit:	Cone

This conical, narrow evergreen has short stiff branchlets. On adult plants branches terminate in large cock's comb-like growths.

***Cryptomeria japonica* 'Rein's Dense Jade'**

Rein's Dense Jade Cryptomeria

Height:	8-10'
Spread:	4-5'
Zone:	5-6
Origin:	China, Japan
Shape:	Conical
Foliage:	Dark green
Fruit:	Cone

This slow growing, uniform evergreen sports dark green foliage. It is a more compact form of the species.

***Cryptomeria japonica* 'Yoshino'**

Yoshino Cryptomeria

Height:	30-40'
Spread:	40-50'
Zone:	5-9
Origin:	China, Japan
Shape:	Pyramidal, conical
Foliage:	Blue-green
Fall Foliage:	Bronze-green
Fruit:	Cone



A conical shaped evergreen that maintains its blue-green foliage though the heat of summer turning bronze in winter. This vigorous grower is a good choice as it maintains its shape without extensive pruning.

Cupressocyparis

Cupressocyparis leylandii

Leyland Cypress

Height:	60-70'
Spread:	10-15'
Zone:	6-10
Origin:	Intergeneric hybrid cross
Shape:	Pyramidal
Foliage:	Blue-green
Fruit:	Cones

Famous for its rapid growth and tolerance to heavy shearing, this plant has gained popularity in landscape use. Used for hedging, screen and formal plantings as well.

***Cupressocyparis leylandii* 'Naylor Blue'**

Naylor's Blue Leyland Cypress

Height:	30-40'
Spread:	10-15'
Zone:	5-6
Origin:	Origin: Wales
Shape:	Loosely pyramidal
Foliage:	Bluish green
Fall Foliage:	Glaucous blue green
Fruit:	Cone

Slower growing than most of the other leylands, Naylor's Blue makes a distinctive all season impact on the landscape. Summer foliage is blue- green changing to a glaucous blue in winter.

Enkianthus

Enkianthus campanulatus

Redvein Enkianthus

Height:	6-8'
Spread:	5-6'
Zone:	4-7
Origin:	Japan
Shape:	Narrow upright
Foliage:	Bright green
Fall Foliage:	Yellow to orange
Flower:	Creamy yellow, red veins
Fruit:	Capsule

This is an excellent choice for companion planting around patios and foundations. Wonderful flowers, interesting fall colors and slow growth rate make this an appealing plant. Prefers well-drained, acidic soils.

Enkianthus campanulatus 'Red Bells'

Red Bells Enkianthus

Height:	6-8'
Spread:	5-6'
Zone:	4-7
Origin:	Japan
Shape:	Narrow upright
Foliage:	Bright green
Fall Foliage:	Yellow to orange
Flower:	Creamy yellow, red veins

Smaller growing than the species, Red Bells offers interesting growth habit and flowers that are more red in color. Great as an accent plant.

Enkianthus cernuus var. rubens

Rubens Enkianthus

Height:	3-10'
Spread:	2-4'
Zone:	5
Origin:	Japan
Shape:	Upright
Foliage:	Green
Fall Foliage:	Yellow-orange
Flower:	Red
Fruit:	Capsule

This graceful shrub is a lovely, richly colored red flowered form. It is smaller in growth habit and leaf than the species. Wonderful addition as a garden specimen.

Euonymus

Euonymus alatus 'Compactus'

Compact Winged Euonymus

Height:	6-8'
Spread:	6-8'
Zone:	5-8
Origin:	Asia
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Crimson
Flower:	Yellow-green
Fruit:	Red

A dense growing shrub with red autumn coloring and corky like bark equal the species. Excellent for hedging and tolerates most soil conditions. Used frequently in mass plantings.

Fagus

Fagus grandifolia

American Beech

Height:	50-70'
Spread:	40-70'
Zone:	4-9
Origin:	Eastern US Canada to TX
Shape:	Broadly rounded
Foliage:	Silvery green
Fall Foliage:	Bronze
Fruit:	Nut

A much under used native tree, *Fagus grandifolia* makes a grand addition to landscapes with room. Commercial plantings, parks and recreational areas benefit from this durable, slow growing giant.

Fagus sylvatica

European Beech

Height:	50-60'
Spread:	35-45'
Zone:	4-8
Origin:	Europe
Shape:	Pyramidal
Foliage:	Deep green
Fall Foliage:	Golden bronze
Fruit:	Nut

A formal tree with smooth gray bark. More tolerant of adverse soil conditions than the American Beech. An ideal specimen tree for large scale plantings.

Fagus sylvatica 'Asplenifolia'

Cut Leaf European Beech

Height:	50-60'
Spread:	35-45'
Zone:	4-7
Origin:	Eastern US and Canada
Shape:	Pyramidal
Foliage:	Dark green
Fall Foliage:	Bronze
Flower:	Inconspicuous
Fruit:	Nut

Often confused with Lanciniata, this cultivar exhibits foliage with a delicate fern like appearance. Lustrous dark green leaves turn excellent golden brown in fall.

Fagus sylvatica 'Cuprea'

Copper Beech

Height:	50-60'
Spread:	40-50'
Zone:	4-7
Origin:	Europe
Shape:	Broad oval
Foliage:	Copper
Fall Foliage:	Bronze
Fruit:	Nut

This cultivar's foliage is broad leaved and coppery in color. Widely branched, this tree has a wonderfully dense canopy making it an ideal specimen tree or used in a park like planting.

Fagus sylvatica 'Dawyck Purple'

Dawyck Purple European Beech

Height:	60-80'
Spread:	10-15'
Zone:	4-7
Origin:	Europe
Shape:	Columnar
Foliage:	Purple
Fall Foliage:	Bronze
Fruit:	Nut

Dawyck Purple is more columnar than Fastigiata. Its narrow habit is maintained through maturity without pruning. Leaves are more undulate on Dawyck Purple than Fastigiata.

Fagus sylvatica 'Riversii'

Riversii Purple European Beech

Height:	40-50'
Spread:	30-40'
Zone:	4-7
Origin:	Europe
Shape:	Pyramidal
Foliage:	Purple
Fall Foliage:	Bronze
Fruit:	Nut

This purple leaf beech holds its foliage color well through the summer. New spring leaves are very dark purple. An excellent specimen tree that has performed well at Angelica.

Fagus sylvatica atropunicea

Purple Leaf Beech

Height:	50-60'
Spread:	35-45'
Zone:	4-7
Origin:	Europe
Shape:	Pyramidal
Foliage:	Purple
Fall Foliage:	Golden bronze
Fruit:	Nut

This is the true purple leaf beech. Juvenile foliage unfurls deep purple red opening to densely branched pyramidal canopy. A superior specimen tree that lends grandeur to any landscape.

Fagus sylvatica fastigiata

Fastigate European Beech

Height:	40-50'
Spread:	10-15'
Zone:	4-8
Origin:	Europe
Shape:	Upright, columnar
Foliage:	Deep green
Fall Foliage:	Golden bronze
Flower:	Insignificant
Fruit:	Nut

This upright form exhibits many of the same traits as the species. It is branched to the ground and makes a nice addition to a formal garden. Extremely showy smooth silver bark.

Fagus sylvatica pendula

Weeping European Beech

Height:	50-60'
Spread:	60-80'
Zone:	4-7
Origin:	Europe
Shape:	Weeping, spreading
Foliage:	Green
Fall Foliage:	Bronze
Flower:	Insignificant
Fruit:	Nut

This tree is a beautiful weeping form. Each specimen displays its own distinct character as it twists and droops with maturity. A good choice for a special specimen tree.

Fagus sylvatica rohanii

Rohanii European Beech

Height:	50-60'
Spread:	35-45'
Zone:	4-7
Origin:	Europe
Shape:	Dense pyramidal
Foliage:	Brown-purple
Fall Foliage:	Yellow-bronze
Fruit:	Nut

A vigorously growing cultivar with purple colored leaves, Rohanii exhibits many similarities in habit to *Fagus Riversii*. The most notable difference seems to be Rohanii has a more open form of canopy.

Forsythia

Forsythia x intermedia 'Spectabilis'

Showy Border Forsythia

Height:	8-10'
Spread:	8-10'
Zone:	4-8
Origin:	Europe and Asia
Shape:	Upright
Foliage:	Green
Fall Foliage:	Yellow tinged in purple
Flower:	Bright yellow

Bright yellow flowers herald spring. Foliage appears after blossoms are spent. Extremely adaptable plant with a variety of uses. Excellent for borders, mass plantings and hedges.

Fothergilla

Fothergilla gardenii

Dwarf Fothergilla

Height:	2-3'
Spread:	2-3'
Zone:	5-8
Origin:	NC to South Alabama
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Brilliant yellow to red
Flower:	White, fragrant
Fruit:	Capsule

A slow-growing native shrub that produces honey-scented, fuzzy white flowers in April prior to leafing out. Useful in shrub borders or grouping.

Fothergilla major 'Mount Airy'

Mount Airy Fothergilla

Height:	5-6'
Spread:	5-6'
Zone:	4-8
Foliage:	Deep blue-green
Fall Foliage:	Yellow, orange, red
Flower:	White

Abundant honey-scented flowers appear before leaves. Selected by Dirr for its superior habit, autumn color and vigor.

Ginkgo

Ginkgo biloba

Maidenhair Tree

Height:	50-80'
Spread:	30-40'
Zone:	4-8
Origin:	China
Shape:	Upright, symmetrical
Foliage:	Green, fan-shaped
Fall Foliage:	Brilliant yellow
Fruit:	Seed

This tree is a fast growing upright producing a small fan shaped leaf that turns bright yellow in autumn. Seedling grown. Female trees will bear fruit at maturity.

Ginkgo biloba 'Autumn Gold'™

Autumn Gold™ Maidenhair Tree

Height:	25-50'
Spread:	25-35'
Zone:	3
Origin:	China
Shape:	Oval
Foliage:	Green
Fall Foliage:	Golden yellow
Flower:	Green
Fruit:	none

(Saratoga Horticultural Research Foundation Introduction) This male clone exhibits an upright, symmetrical form with glowing golden fall color. Tolerance for a wide range of soil types. Extremely drought tolerant.

Ginkgo biloba 'Magyar'

Magyar Maidenhair Tree

Height:	50-60'
Spread:	20-30'
Zone:	3
Origin:	China
Shape:	Narrow pyramid
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Inconspicuous
Fruit:	None

(Princeton Nursery Introduction) A narrow pyramidal form of Ginkgo with a strong central leader makes a wise street tree selection. Produces uniform branching without much pruning. Extremely resistant to pests.

Ginkgo biloba (male)

Maidenhair Tree

Height:	50-80'
Spread:	30-40'
Zone:	4-8
Origin:	China
Shape:	Upright, symmetrical
Foliage:	green, fan-shaped
Fall Foliage:	Brilliant yellow

These trees are selected from cuttings taken from a mature male specimen. Usually pyramidal habit when young, Ginkgo will broaden its canopy as it matures. Fall color is outstanding.

Ginkgo biloba fastigiata

Fastigate Maidenhair Tree

Height:	50-80'
Spread:	20-25'
Zone:	4-8
Origin:	China
Shape:	Upright, columnar
Foliage:	Green, fan shaped
Fall Foliage:	Brilliant yellow
Fruit:	Seeds, female tree only

Columnar form of the species is an excellent choice for a confined area. This form is male and will not produce fruit.

Gleditsia

Gleditsia triacanthos var. inermis 'Imperial'

Imperial Honeylocust

Height:	30-35'
Spread:	20-35'
Zone:	4-9
Origin:	PA to NB, TX & MS
Shape:	Rounded
Foliage:	Bright green
Fall Foliage:	Yellow
Flower:	Green-yellow
Fruit:	Pod

A graceful shade tree with branches at right angles to the main trunk. Overall outline is rounded.

Gleditsia triacanthos var. inermis 'Skycole'

Skyline® Honeylocust
P.P.#1619

Height:	45-50'
Spread:	35-45'
Zone:	3-9
Origin:	PA, NB, TX & MS
Shape:	Pyramidal, broad
Foliage:	Green
Fall Foliage:	Golden yellow
Flower:	Green-yellow, small
Fruit:	Pod

Exhibits a distinctive pyramidal form with a strong central leader. Emerging leaflets have a red cast that will change to a leathery green color with age. This is a thornless variety.

Gleditsia triacanthos var. inermis 'True Shade'[®]

True Shade[®] Honeylocust

Height:	40-45'
Spread:	35-40'
Zone:	4-9
Origin:	PA, NB TX & MS
Shape:	Broad, oval
Foliage:	Light green
Fall Foliage:	Golden yellow

A vigorous grower, True Shade matures to a broad oval outline. Its finely textured, green foliage turns yellow in fall. No pods.

Gymnocladus

Gymnocladus dioicus

Kentucky Coffeetree

Height:	40-50'
Spread:	20-25'
Zone:	3
Origin:	NY, PA to OK MN
Shape:	Obovate
Foliage:	Pink to dark blue green
Fall Foliage:	Yellow
Flower:	Greenish white
Fruit:	Red brown pod

Juvenile growth exhibits narrow branching broadening with maturity. New foliage is pinkish tinged turning dark bluish in summer. Fragrant white flowers borne on 8 to 12 inch panicles. Versatile and tough plant.

Gymnocladus dioicus 'Espresso-JFS'[™]

Espresso[™] Kentucky Coffeetree

Height:	50'
Spread:	35'
Zone:	4-8
Shape:	Oval to vase
Foliage:	Bluish green
Fall Foliage:	Yellow
Fruit:	None

Huge doubly compound leaves with arching branches, this seedless selection is one of the last to leaf in the spring. Is tolerant of heat, drought and cold.

Halesia

Halesia monticola

Mountain Silverbell

Height:	60-80'
Spread:	30-40'
Zone:	5-8
Origin:	Mid-Atlantic to South
Shape:	Conical
Foliage:	Yellow green
Fall Foliage:	Yellow
Flower:	White
Fruit:	Light brown, winged

Showiest of all Silverbells. This highly disease resistant variety has gray black furrowed bark. It matures into a large, densely branched tree.

Halesia tetraptera

Carolina Silverbell

Height:	30-40'
Spread:	20-35'
Zone:	4-8
Origin:	WV, FL to OH, IL
Shape:	Upright rounded
Foliage:	Yellow-green
Fall Foliage:	Yellow
Fruit:	Drupe

Native to the Appalachians, this is a medium-sized, low branching tree with a broad canopy. Flowers are white, bell-shaped and appear in April and early May.

Hamamelis

Hamamelis vernalis

Vernal Witchhazel

Height:	10-15'
Spread:	10-12'
Zone:	4-8
Origin:	MO, LA, OK
Shape:	Rounded, multi-stem
Foliage:	Green
Fall Foliage:	Bright yellow
Flower:	Yellow to red-yellow
Fruit:	Capsule

This is usually the first shrub to bloom in spring. Abundant, fragrant flowers will persist for several weeks with colors ranging from yellow to red-yellow.

Hamamelis virginiana

Common Witchhazel

Height:	15-20'
Spread:	12-15'
Zone:	4-8
Origin:	Eastern U.S.
Shape:	Rounded, multi-stem
Foliage:	Green
Fall Foliage:	Bright yellow
Flower:	Yellow
Fruit:	Capsule

A multi-stemmed shrub that produces bright yellow fall foliage. Good for naturalizing, foundation plantings and shrub borders. Bright yellow flowers announce the arrival of spring.

Hamamelis x interm. 'Arnold Promise'

Arnold Promise Witchhazel

Height:	15-20'
Spread:	20-30'
Zone:	5-8
Origin:	Native US
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Yellow
Fruit:	Capsule

(Arnold Arboretum Introduction) Featuring fragrant yellow and red flowers emerging late February, persisting through mid March. An excellent shrub for naturalized plantings.

Hamamelis x intermedia 'Diane'

Diane Witchhazel

Height:	6-8'
Spread:	6-8'
Zone:	5-8
Shape:	Upright spreading
Foliage:	Green
Fall Foliage:	Rich orange-red
Flower:	Red
Fruit:	Capsule

One of the best red flowering forms with textured foliage. Blooms are faintly fragrant. Outstanding mix of bright fall colors.

Hibiscus

Hibiscus syriacus

Althea or Rose of Sharon

Height / Spread:	8-12' x 6-10'
Zone:	5-8
Shape:	Upright
Foliage:	Green
Flower:	See below

This popular plant is perfect for gardens lacking space. As a shrub, it may be used as a deciduous hedge or accent shrub. Provides a plethora of bloom summer through early fall. Single or double blossoms adorn plants in blues, whites, pinks, lavenders and purples.

'Anemonaeflorus'	Pink
'Aphrodite'	Deep rose pink
'Ardens'	Semi-double purple
'Blushing Bride'	Double Pink
'Coelestris'	Single blue
'Collie Mullens'	Semi double pink
'Diana'	White
'Freedom'	Single or double red
'Jeanne D'Arc'	Double white
'Lucy'	Double red
'Pulcherimus'	Double pink
'Red Heart'	White with red center



Hydrangea

Hydrangea arborescens 'Bella Anna'

Bella Anna® Hydrangea
P.P.#21227

Height:	3-4'
Spread:	3-4'
Zone:	3-9
Shape:	Rounded
Foliage:	Green
Flower:	Pink

Newest addition to Endless Summer collection. Re-blooming magenta-pink hydrangea blooms summer through fall. Shade loving plant is easy to grow.

Hydrangea macrophylla 'Nikko Blue'

Nikko Blue Big Leaf Hydrangea

Height: 3-8'
Spread: 6-10'
Zone: 5-9
Shape: Rounded
Foliage: Dark green
Flower: Blue

This shrub will provide an excellent summer flower display. Blooms are clear blue.

Hydrangea paniculata 'Grandiflora'

PeeGee Panicle Hydrangea

Height: 8-10'
Spread: 10-15'
Zone: 3-8
Shape: Rounded, upright
Foliage: Dark green
Flower: White and pink clusters

The flower clusters that open in July will first appear green, turn to white and then gradually change to pink.

Hydrangea paniculata 'Pink Diamond'

Pink Diamond Panicle Hydrangea

Height: 10-15'
Spread: 10-15'
Zone: 3-8
Shape: Rounded, course
Foliage: Dark green
Fall Foliage: Green-yellow
Flower: Pink

Large conical flower with pink buds that open white then transform to a rich pink. Blooms can be 8 to 12 inches.

Hypericum

***Hypericum andros* 'Albury Purple'**

Albury Purple St. Johnswort

Height:	2-3'
Spread:	1-2'
Zone:	4
Origin:	Western Europe
Shape:	Spreading
Foliage:	Purple
Fall Foliage:	Purple
Flower:	Yellow
Fruit:	Yellow to red

Among the largest leaved hypericums, Albury Purple makes a lush, shrubby groundcover of purple leaves and dainty yellow flowers. The berry like capsule adds additional interest during and after bloom.

Hypericum x 'Hidcote'

Hidcote St. Johnswort

Height:	3-5'
Spread:	3-5'
Zone:	5-9
Origin:	Hybrid cross
Shape:	Mounded
Foliage:	Dark green
Flower:	Golden yellow 2-3"
Fruit:	Capsule

This vigorous hypericum is encouraged by mowing or shearing. The semi evergreen shrub produces masses of yellow flowers in late May. Great as a low border or ground cover.

Ilex

Ilex 'Nellie R. Stevens'

Nellie R. Stevens Holly

Height:	15-25'
Spread:	15-20'
Zone:	6-9
Origin:	Hybrid cross
Shape:	Broad pyramidal
Foliage:	Glossy green
Fall Foliage:	Glossy green
Flower:	White
Fruit:	Drupe, orange-red

(*Ilex cornuta* x *Ilex aquifolium*) This cross produces a large pyramidal tree adorned with heavy fruit set. An excellent specimen selection or for foundation plantings, Nellie R. Stevens remains a perennial favorite.

Ilex 'Sparkleberry'

Sparkleberry Holly

Height:	10-12'
Spread:	8-10'
Zone:	4-9
Shape:	Upright shrub
Foliage:	Deep green
Fruit:	Brilliant red

(*Ilex verticillata* x *Ilex serrata*) This US National Arboretum hybrid was selected for its abundance of bright red fruits. It is a versatile and durable landscape plant.

Ilex crenata 'Sentinel'

Sentinel Japanese Holly

Height:	12-15'
Spread:	6-8'
Zone:	5-8
Origin:	China, Japan
Shape:	Upright conical
Foliage:	Glossy green

A tall, upright, conical evergreen with glossy, dense foliage. Useful in formal settings. Extremely cold hardy.

Ilex crenata 'Steeds'

Steeds Japanese Holly

Height:	6-8'
Spread:	3-5'
Zone:	5-8
Origin:	China, Japan
Shape:	Upright
Foliage:	Glossy green
Fall Foliage:	Glossy green
Flower:	Greenish-white
Fruit:	Drupe, black

This upright pyramidal has dark green leaves and a berry like black drupe. A good choice for a formal garden or hedge.

Ilex glabra 'Compacta'

Compact Inkberry

Height:	4-6'
Spread:	6-8'
Zone:	4-9
Origin:	Eastern US to TX
Shape:	Upright, wide
Foliage:	Dark green
Fall Foliage:	Dark green
Flower:	White, small
Fruit:	Drupe, black

A small to medium sized shrub that becomes dense and rounded with age. Its small white flowers are followed by small dark drupes that persist through winter. Use for foundation, hedges, or other mass plantings.



***Ilex glabra* 'Densa'**

Dense Inkberry

Height:	8-10'
Spread:	8-10'
Zone:	4-9
Origin:	Eastern US to TX
Shape:	Oval
Foliage:	Dark green
Fall Foliage:	Dark green
Flower:	Creamy white
Fruit:	Drupe, black



This cultivar presents a rounded oval outline. Dark fruit is displayed against dark green leathery leaves.

***Ilex glabra* 'Shamrock'**

Shamrock Inkberry

Height:	3-4'
Spread:	3-4'
Zone:	4-9
Origin:	US
Shape:	Upright, rounded
Foliage:	Dark green
Fall Foliage:	Dark green
Flower:	Small white
Fruit:	Black drupe

This cultivar is slow growing with smaller leaves than Compacta. It exhibits superior color and branching to other forms of *Ilex glabra*. Good choice for mass plantings.

Ilex opaca

American Holly

Height:	40-50'
Spread:	18-40'
Zone:	5-9
Origin:	MA to FL, west to TX
Shape:	Dense pyramidal
Foliage:	Dark green
Fall Foliage:	Dark green
Flower:	White
Fruit:	Drupe, red

'Angelica' (female)

This Angelica Nurseries selection has deep green leaves that are larger than most cultivars. A fast growing specimen, this plant is a stunning accent or corner planting. Male pollinator required.



'Arlene Leach'

This *opaca* features dark green leaves with bright crimson fruit. It is considered to be deer tolerant and survives drought.

'Arthur Pride'

(Orlando Pride Introduction) This male selection is a vigorous pollinator that works well for all *Ilex opaca* species.

'Cardinal'

Noted for its potential as a heavy fruiting specimen at an early age. Cardinal is a slower growing, more compact form of *opaca*. Fruit is light red.

'Clarissa'

(Orlando Pride Introduction) Considered by the trade to be the hardiest of the American hollies. Chartreuse foliage adorned with large reddish orange berries.

'Dan Fenton'

(Orton/Rutgers University Introduction) This American holly presents a nice pyramidal shape with a profusion of red berries.

'David Leach'

(Orlando Pride Introduction) This male selection is a vigorous pollinator that works well for all *Ilex opaca* species.

'Delia Bradley'

Fine bright red fruit with elongated, narrow glossy leaves.

'Gable' (male)

Green foliage with extremely heavy flower set makes this male an excellent pollinator. Dense branching and vigorous habit add to landscape appeal.

'Hedgeholly'

As its name implies, this *opaca* is used for hedging. Hedgeholly is a fast growing, vigorous plant that responds well to shearing.

'Jersey Knight'

(Orton/Rutgers Introduction) This male form boasts dark green glossy foliage. An excellent pyramidal form in the landscape.

'Jersey Princess'

(Orton/Rutgers Introduction) This appears to be the most popular in terms of long lasting fruit and enduring winter color. Malachite leaves offset the red fruit.

'Male'

Green, yellow green foliage. Needed for pollination. One male should be planted for every three females to ensure berry production.

'Mary Holman'

(Orlando Pride Introduction) Quite the grand dame with round matte red fruit. Nice green leaf in spring.

'Miss Helen' (female)

Dense conical shape. This uniformly growing cultivar with broad pyramidal form is an excellent specimen plant. Producing berries at a young age and is a popular choice for designers. Male pollinator needed.

'Parkton' (female)

A broadly pyramidal form presenting particularly large, dark green, spiny leaves, Parkton is also known as a prolific berry producer.

'Patterson'

Similar to Satyr Hill, this opaca has a reputation to perform. Characteristic foliage and red berries accent this erect, semi pyramidal plant.

'Prancer'

Prolific bearer of red fruits with nice shiny leaf.

'Pride of Butler'

Orange-red berry clusters are found amid dense olive green foliage. This selection displays a full pyramidal form at maturity.

'Satyr Hill'

(McLean Nurseries Introduction) Rich green foliage decorated with large red berries.

'Wyetta' (female)

Another fast growing pyramidal holly exhibiting with dense branching and substantial fruit set. Similar to Miss Helen in consumer and designer appeal. Needs male pollinator.

Ilex pedunculosa (male or female)

Longstalk Holly (Male or Female)

Height:	20-30'
Spread:	10-15'
Zone:	5
Origin:	China, Japan, Korea
Shape:	Broad oval
Foliage:	Dark green
Fall Foliage:	Yellow green
Flower:	White
Fruit:	Drupe, red

This is an under specified plant. Extremely hardy and tolerant to a wide range of environmental conditions such as summer heat, winds and heavy soils. Graceful and tough for specimen or foundation planting.

Ilex verticillata 'Late Male'

Late Male Winterberry

Height:	6-8'
Spread:	3-6'
Zone:	3-9
Origin:	Canada, Eastern US to MO
Shape:	Broad pyramidal
Foliage:	Dark green

This male cultivar blooms later than most prolonging the pollination cycle. Incorporate male and female plants in a mass planting for optimum berry production and winter color.

Ilex verticillata (female)

Common Winterberry (female)

Height:	6-8'
Spread:	6-8'
Zone:	4-9
Origin:	Canada, Eastern US to MO
Shape:	Oval, rounded
Foliage:	Deep rich green
Fall Foliage:	Yellow
Flower:	Greenish white
Fruit:	Drupe, bright red

This deciduous shrub yields bright red berries that last throughout the winter. Good for naturalizing. Tolerates wet soils.

Ilex verticillata (male)

Common Winterberry (male)

Height:	6-8'
Spread:	4-6'
Zone:	3-9
Shape:	Upright oval
Foliage:	Dark green

Native to wet areas, this is a nice choice for massings. A male pollinator.

Ilex x 'Rutzan'

Red Beauty® Holly
P.P.#14750

Height:	15-20'
Zone:	6-9
Shape:	Upright, narrow
Foliage:	Semi-glossy, dark green
Fall Foliage:	Bright red berry

(Rutgers University Introduction) Similar to Dragon Lady, this heavy fruiting holly produces an abundance of red berries on previous years growth. Shows an exceptionally high level of winter hardiness.

Ilex x aquipernyi 'Meschick'

Dragon Lady® Holly
P.P.#4996

Height: 15-20'
Spread: 15-20'
Zone: 6-9
Origin: Hybrid cross
Shape: Pyramidal
Foliage: Glossy green/red margin
Fall Foliage: Glossy green/red margin
Flower: White
Fruit: Drupe, red

(*Ilex aquifolium* x *Ilex pernyi*) A striking narrow pyramidal to columnar habit, this holly displays large red fruit against a background of glossy green foliage tinged with red. *Ilex* 'Blue Stallion' will pollinate.

Ilex x meserveae 'Blue Prince'

Blue Prince Holly
P.P.#3517

Height: 10-12'
Spread: 6-8'
Zone: 5-9
Origin: Hybrid cross
Shape: Pyramidal
Foliage: Dark blue-green
Fall Foliage: Dark blue-green
Flower: Green-white

This holly serves as an excellent pollinator for all female *meserveae* hybrids. It is a slower grower than Blue Stallion. Although naturally shrubby in form, it may be pruned to any shape.

Ilex x meserveae 'Blue Princess'

Blue Princess Holly
P.P.#3675

Height: 10-12'
Spread: 7-9'
Zone: 5-9
Origin: Hybrid cross
Shape: Pyramidal
Foliage: Dark blue-green
Fall Foliage: Dark blue-green
Flower: White
Fruit: Drupe (Red berries)

A slow growing hybrid that produces glossy, dense foliage and an abundance of berries. Considered one of the hardiest blue hollies, it is best pollinated by Blue Stallion or Blue Prince. Holds color year round.

Ilex x meserveae 'Centennial Girl'

Centennial Girl Meserve Holly
P.P.#10750

Height: 8-15'
Spread: 2-6'
Zone: 6-9
Origin: Hybrid cross
Shape: Pyramidal
Foliage: Matte green
Fall Foliage: Matte green
Flower: White
Fruit: Drupe, red

(*Ilex centrochinensis* x *I. aquifolium*) This Conard-Pyle introduction is a naturally pyramidal form of holly. It presents deep green matte foliage with heavy berry set. Mite resistant. Excellent specimen selection.

Ilex x meserveae 'Hachfee'

Proven Winners® Color Choice® Castle Spire® Blue Holly
P.P.#14310

Height: 8-10'
Spread: 4-5'
Zone: 5-7
Shape: Compact pyramidal
Foliage: Dark green

This plant has bright red berries for winter enjoyment. Great as a hedge, foundation plant or specimen. Prefers moist soil and full sun. Protect from winter sun and wind in the north.

Ilex x meserveae 'Heckenstar'

Proven Winners® Color Choice® Castle Wall® Blue Holly
P.P.#14308

Height: 8-10'
Spread: 4-5'
Zone: 5-7
Shape: Compact upright
Foliage: Glossy, dark green

Castle Wall is similar in habit to *Taxus x media* 'Hicksii' with superior vigor and branching. Recommended for use with *Ilex x meserveae* 'Castle Spire'. Does not produce fruit.

***Ilex x meserveae* 'Mesid'**

Blue Maid® Holly
P.P.#4685

Height: 12-15'
Spread: 6-8'
Zone: 4-9
Origin: Hybrid cross
Shape: Broad pyramidal
Foliage: Blue-green
Fall Foliage: Blue-green
Flower: Creamy white
Fruit: Drupe, deep red



One of the hardiest of the blue holly series, Blue Maid maintains its rich blue-green foliage throughout the year. Its spectacular red berry set appears in autumn. Male pollinator needed.

***Ilex x meserveae* 'Mesog'**

China Girl® Holly
P.P.#4878

Height: 10-12'
Spread: 10-12'
Zone: 4-9
Origin: Hybrid cross
Shape: Compact
Foliage: Dark green-blue
Fall Foliage: Dark green-blue
Flower: White
Fruit: Drupe, red

Producing the heaviest berry set of the hybrid Meserve hollies, China Girl also has far reaching appeal because of exhibited heat and drought tolerance, as well as hardiness. Excellent landscape selection.

Juniperus

***Juniperus chinensis* 'Angelica Blue'**

Angelica Blue Juniper

Height: 5-6'
Spread: 18-20'
Zone: 3-9
Origin: China
Shape: Spreading
Foliage: Blue green



This densely branched, wide spreading selection of Pfitzeriana shows striking blue foliage that is finer and more appealing than other blue junipers.

***Juniperus chinensis* 'Blue Point'**

Blue Point Juniper

Height: 6-11'
Spread: 2-3'
Zone: 4-9
Origin: China
Shape: Narrow pyramid
Foliage: Blue-green
Flower: None
Fruit: None

An upright, teardrop form with dense branching, this juniper makes a nice foundation corner planting or addition to a formal garden. Moderate grower.

***Juniperus chinensis* 'Hetzii Columnaris'**

Columnar Hetzii Juniper

Height: 10-15'
Spread: 4-6'
Zone: 3-9
Origin: China
Shape: Upright
Foliage: Bright green

This large juniper has smooth bright green foliage. Upright and pyramidal in form, it is fast growing and tolerates poor soil conditions.

***Juniperus chinensis* 'Hetzii Glauca'**

Hetzii Juniper

Height: 5-7'
Spread: 8-10'
Zone: 3-9
Origin: China
Shape: Upright, spreading
Foliage: Blue-green

A light blue form of Hetzii growing to only 5 to 7 feet at maturity. A vigorous growing, semi erect evergreen, this plant is ideal for low hedges and foundation plantings.

***Juniperus chinensis* 'Iowa'**

Iowa Juniper

Height: 8-10'
Spread: 4-5'
Zone: 3-9
Origin: China
Shape: Pyramidal, irregular
Foliage: Blue-green

This evergreen has a pyramidal habit with loosely arranged branches and attractive blue-gray foliage. Slow growing, it is ideal as an accent to smaller gardens and confined spaces.

Juniperus chinensis 'Keteleeri'

Keteleeri Juniper

Height:	15-25'
Spread:	8-10'
Zone:	3-9
Origin:	China
Shape:	Pyramidal, narrow
Foliage:	Green
Fruit:	Cone (Blue)

A vigorously growing pyramidal tree that produces an abundance of blue-gray cones. A favorite of midwestern landscapes, this juniper tolerates a wide range of adverse climatic conditions.

Juniperus chinensis 'Mountbatten'

Mountbatten Juniper

Height:	12-16'
Spread:	8-10'
Zone:	4-8
Origin:	China
Shape:	Pyramidal, narrow
Foliage:	Gray-green
Fruit:	Cone (blue)

A narrow, pyramidal tree that matures to 10 to 20 feet in height. Its delicate gray green foliage is complimented by heavy production of blue colored cones.

Juniperus chinensis 'Pfitzeriana Compacta'

Compact Pfitzer Juniper

Height:	12-18"
Spread:	4-6'
Zone:	3-9
Origin:	China
Shape:	Spreading
Foliage:	Gray-green

This smaller form of Pfitzeriana is bushy and compact with gray green foliage. Used primarily in foundation and commercial island plantings.

Juniperus chinensis 'Pfitzeriana'

Pfitzer Juniper

Height:	5-10'
Spread:	10-25'
Zone:	3-9
Origin:	China
Shape:	Compact, spreading
Foliage:	Bright green

This evergreen will mature into a wide spreading specimen. Its branches have slightly pendulous tips giving it a feathery appearance. It can be sheared and maintained at any size.

Juniperus chinensis 'Robusta Green'

Robusta Green Juniper

Height:	15-20'
Spread:	8-10'
Zone:	3-9
Origin:	China
Shape:	Upright, irregular
Foliage:	Blue-green
Fruit:	Cone (blue)

This slow growing juniper maintains an irregular, upright habit that is uniquely picturesque. Useful in screen applications or as a specimen.

Juniperus chinensis 'Sea Green'

Sea Green Juniper

Height:	4-6'
Spread:	4-6'
Zone:	4-8
Origin:	China
Shape:	Compact spreading
Foliage:	Mint green
Fall Foliage:	Foliage becomes darker
Fruit:	Cone

More upright than Pfitzeriana, this cultivar has a fountain like branching effect and dark green foliage. Abundant cone set.

Juniperus chinensis var. 'Torulosa'

Hollywood Juniper

Height:	10-15'
Spread:	7-10'
Zone:	3-9
Origin:	China
Shape:	Dense, irregular
Foliage:	Dark green
Fruit:	Cone

Its irregular and twisted branching with dense tufts of foliage make this a distinct Juniperus specimen. An excellent choice for screens or hedges.

Juniperus communis 'Pencil Point'

Pencil Point Juniper

Height:	12-14'
Spread:	1-2'
Zone:	6-9
Origin:	Europe, Asia Minor
Shape:	Narrow spire
Foliage:	Silver blue

A slow growing cultivar that forms a narrow spire. Extremely fine needles and densely upright branching make this plant an ideal choice for corner plantings in foundations, rock gardens, or urban gardens.

Juniperus scopulorum 'Blue Haven'

Blue Haven Juniper

Height:	15-20'
Spread:	5-8'
Zone:	3-7
Origin:	Native US, Canada
Shape:	Pyramidal
Foliage:	Blue-gray
Fall Foliage:	Blue-gray
Fruit:	Cone (silver-blue)

Its neat pyramidal habit makes an excellent selection for hedges, screens or foundation planting. Noted for year round blue gray foliage color, it is a popular plant in extreme northern climates.

Juniperus scopulorum 'Gray Gleam'

Gray Gleam Juniper

Height:	15-20'
Spread:	5-6'
Zone:	3-7
Origin:	Native US, Canada
Shape:	Narrow pyramidal
Foliage:	Gray
Fall Foliage:	Silver-gray

A very narrow, compact pyramidal juniper with silver blue foliage that intensifies during the winter months. This slow growing male is rugged enough for screening, hedges or windbreaks.

Juniperus scopulorum 'Moonglow'

Moonglow Juniper

Height:	15-20'
Spread:	5-8'
Zone:	3-7
Origin:	Native US and Canada
Shape:	Broad pyramidal
Foliage:	Silvery blue
Fall Foliage:	Silvery blue

This juniper displays a broad pyramidal habit with an intense silver blue foliage color.

Juniperus scopulorum 'Pathfinder'

Pathfinder Juniper

Height:	20-22'
Spread:	4-5'
Zone:	3-7
Origin:	Native US, Canada
Shape:	Pyramidal
Foliage:	Blue-gray
Fall Foliage:	Blue-gray

A pyramidal that will become 15 to 20 feet high and 6 to 8 feet wide when mature. It is desired for its sparkling blue gray foliage.

Juniperus squamata 'Blue Star'

Blue Star Juniper

Height:	2-3'
Spread:	3-4'
Zone:	4-8
Origin:	China
Shape:	Mounded
Foliage:	Steel blue
Fall Foliage:	Purple blue
Fruit:	Cone

A sport of 'Meyeri,' this low growing ground cover plant is a rich blue from juvenile to maturity. It is extremely slow growing and retains its density throughout the lifetime of the planting.

Juniperus virginiana 'Burkii'

Burkii Juniper

Height:	10-25'
Spread:	10-12'
Zone:	2-9
Origin:	US
Shape:	Broad pyramidal
Foliage:	Blue-silver
Fall Foliage:	Purple

The habit ranges from broadly pyramidal to narrow. The coarse foliage is a blue-green to silver-green in summer, will take on a purple cast during the winter months. (Male form)

Juniperus virginiana 'Corcorcor'

Emerald Sentinel™ Eastern Red Cedar
P.P.#5041

Height:	15-20'
Spread:	6-8'
Zone:	3-9
Origin:	US
Shape:	Columnar
Foliage:	Dark green
Fall Foliage:	Dark green
Fruit:	Cone

This cultivar won the Pennsylvania Horticultural Society's Gold Medal Award in 1997. It has a columnar pyramidal habit with nice dark green foliage throughout the winter. Excellent screen or specimen choice.



Juniperus virginiana 'Cupressifolia'

Hillspire Juniper

Height:	30-40'
Spread:	8-20'
Zone:	2-9
Origin:	US
Shape:	Pyramidal, loose
Foliage:	Yellow-green
Fall Foliage:	Dull green
Fruit:	Cones

A pyramidal cultivar with cypress like, loose, foliage. This female form is a muted yellow green in color.

Juniperus virginiana 'Grey Owl'

Grey Owl Juniper

Height:	3-4'
Spread:	6-8'
Zone:	2-9
Origin:	US
Shape:	Spreading
Foliage:	Blue-grey
Fall Foliage:	Blue-gray
Fruit:	Cone

A sport of *Glauca*, Grey Owl is a fast growing juniper whose spread habit is complimented with arching branches. The foliage retains the soft blue-gray color all year.

Koelreuteria

Koelreuteria paniculata

Golden Raintree

Height:	30-40'
Spread:	25-30'
Zone:	5-9
Origin:	China, Japan, Korea
Shape:	Rounded
Foliage:	Bright green
Fall Foliage:	Yellow
Flower:	Bright yellow
Fruit:	Papery capsule

Produces wonderful 12 to 15 inch panicle clusters of small bright yellow flowers in July. One of the few yellow blooming ornamental trees, *Koelreuteria* makes an excellent accent tree for lawn or patio.

Ligustrum

Ligustrum ovalifolium

California Privet

Height:	10-15'
Spread:	4-6'
Zone:	5-8
Origin:	Japan
Shape:	Upright
Foliage:	Green
Flower:	Dull white, fragrant
Fruit:	Drupe, black

Varying from deciduous to semi-evergreen, this tough plant is the privet of choice for hedging. It responds well to hard pruning producing a dense thicket of screen in a relatively short time.

Liquidambar

Liquidambar styraciflua 'Rotundaloba'

Rotundaloba Sweet Gum

Height:	40-50'
Spread:	25-30'
Zone:	6-9
Origin:	US
Shape:	Pyramidal
Foliage:	Glossy green

Generally speaking, reported as a seedless cultivar. This rounded lobed leaf form of the American gum, exhibits a narrow pyramidal habit. Fall color ranges from pastel golds to brilliant burgundy.

Magnolia

Magnolia liliflora 'Betty'

Betty Magnolia

Height:	10-12'
Spread:	8-10'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Rounded
Foliage:	Dark green
Flower:	Reddish purple
Fruit:	Follicle aggregate



Betty displays deep purple red on exterior of blossom with a creamy white interior. Small tree with broadly rounded form. Part of the Little Girl Series by Michael Dirr.

***Magnolia liliflora* 'Jane'**

Jane Magnolia

Height:	12-15'
Spread:	12-15'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Broad upright
Foliage:	Dark green
Flower:	Red-purple
Fruit:	Follicle aggregate



A multi-stem small tree, Jane produces an abundance of flowers in late April. Exterior red purple blooms may flower a second time in late summer. Part of the Little Girl Series by Michael Dirr.

***Magnolia stellata* 'Rosea'**

Pink Star Magnolia

Height:	12-20'
Spread:	10-15'
Zone:	4-8
Origin:	Japan
Shape:	Multi-stem
Foliage:	Green
Flower:	Clear pink to rose
Fruit:	Follicle aggregate

One of the older cultivated forms, the clear pink flowers give a solid dome of color in April. Outstanding as an accent tree in landscape or multi stemmed specimen in foundation plantings.

***Magnolia stellata* 'Royal Star'**

Royal Star Magnolia

Height:	10-20'
Spread:	10-15'
Zone:	4-8
Origin:	Japan
Shape:	Rounded, multi-stem
Foliage:	Dark green
Flower:	Double white
Fruit:	Follicle aggregate

This vigorous magnolia will produce pale pink buds that open to a large fragrant, double white flower. Juvenile habit is denser and more upright, whereas mature trees tend to be more broad and open.

***Magnolia stellata* 'Waterlily'**

Waterlily Star Magnolia

Height:	15-20'
Spread:	10-15'
Zone:	4-8
Origin:	Japan
Shape:	Upright Rounded
Foliage:	Dark Green
Fruit:	Follicle aggregate

Rich pink buds open to highly fragrant white flowers. It is one of the latest blooming stellatas and has demonstrated hardiness to Maine. Form is densely upright.

Magnolia virginiana

Sweetbay Magnolia

Height:	10-20'
Spread:	10-20'
Zone:	5-9
Origin:	Eastern US to TX
Shape:	Oval, multi-stem
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	White, fragrant
Fruit:	Follicle aggregate (Red)

Outstanding for its fragrance, not particularly for bloom, this magnolia makes a graceful patio or specimen tree. Glossy green leaves have silver undersides producing a shimmering landscape effect.

Magnolia x 'Galaxy'

Galaxy Magnolia

Height:	25-30'
Spread:	20-25'
Zone:	5-9
Origin:	Hybrid cross
Shape:	Upright
Foliage:	Medium green
Flower:	Fragrant, red-purple



(*Magnolia liliflora* x *Magnolia sprengeri* 'Diva') This hybrid has ascending branches forming an upright, oval canopy. Dark red purple flowers open late enough to miss most frost injury.

Magnolia x loebneri 'Leonard Messel'

Leonard Messel Magnolia

Height:	15-20'
Spread:	20-25'
Zone:	4-8
Origin:	Hybrid cross
Shape:	Upright, multi-stem
Foliage:	Deep green
Flower:	Purple, fuchsia-pink
Fruit:	Follicle aggregate

This magnolia hybrid is a small, multi stem tree that is the most distinctive of the Loebneri crosses. It produces very showy, fragrant, multi petaled fuchsia-pink flowers.

Magnolia x loebneri 'Merrill'

Merrill Magnolia

Height:	25-40'
Spread:	25-40'
Zone:	4-8
Origin:	Hybrid cross
Shape:	Upright, oval
Foliage:	Dark green
Flower:	White, fragrant
Fruit:	Follicle aggregate

An extremely rapid grower that can reach a mature height of 30 feet. Popular accent plant. Covered in a profusion of fragrant white blossoms during spring.

Magnolia x soulangiana 'Alexandrina'

Alexandrina Magnolia

Height:	25-30'
Spread:	20-30'
Zone:	4-9
Origin:	Hybrid cross
Shape:	Broad, upright
Foliage:	Dark green
Flower:	White w/purple base
Fruit:	Follicle aggregate

It is often a densely branched shrub that will grow to a small oval tree. Flowers differ from other cultivars having a rose-purple flush at the base of each bloom. Use as a single accent or group planting.

Magnolia x soulangiana 'Lilliputian'

Lilliputian Saucer Magnolia

Height:	18-20'
Spread:	15-18'
Zone:	4-9
Origin:	Hybrid cross
Shape:	Upright
Foliage:	Medium green
Flower:	Pink to cream
Fruit:	Follicle aggregate

A slow growing, small tree that matures at about half the size of the species. It displays a profusion of light pink flowers on a tight upright form. Multi or single stem make an appealing presentation.

Magnolia x soulangiana 'Rustica Rubra'

Rustica Rubra Magnolia

Height:	10-15'
Spread:	10-15'
Zone:	4-9
Origin:	Hybrid cross
Shape:	Upright, multi-stem
Foliage:	Dark green
Flower:	Rose red
Fruit:	Follicle aggregate

A large multi stem shrub producing rose-red flowers, Rustica Rubra tends to become loose and open with age. It is beautiful in bloom.

Metasequoia

Metasequoia glyptostroboides

Dawn Redwood

Height:	70-100'
Spread:	25-40'
Zone:	4-8
Origin:	China
Shape:	Pyramidal
Foliage:	Bright green
Fall Foliage:	Red
Fruit:	Cones

This rapid growing pyramidal conifer develops a strong pyramidal habit. The foliage emerges bright green and will turn red in autumn revealing interesting red-brown exfoliating bark. Used for screens or specimens.

Microbiota

Microbiota decussata

Russian Arborvitae

Height:	1'
Zone:	3
Origin:	Russia
Shape:	Spreading
Foliage:	Bright green
Fall Foliage:	Purple tinged

Cold hardy needled evergreen shows much promise as a groundcover in northern climes. The spread of a single plant is reported indefinite. Plants prefer cool temperatures and moist, well drained soils.

Myrica

Myrica pensylvanica

Northern Bayberry

Height:	5-12'
Spread:	5-12'
Zone:	2-6
Origin:	Eastern US and Canada
Shape:	Rounded, upright
Foliage:	Dark green
Fruit:	Blue-gray drupe

This deciduous to semi evergreen shrub bears its signature waxy fruit from August through April. It is extremely adaptable and salt tolerant. Williamsburg, VA, uses bayberry in screen and foundation plantings.

Ostrya

Ostrya japonica

Japanese Hophornbeam

Height:	25-35'
Spread:	15-25'
Zone:	4
Origin:	Japan
Shape:	Rounded
Foliage:	Dark green
Flower:	Catkins
Fruit:	Nutlet

Closely resembling virginiana, japonica is a dainty tree with slightly drooping branches. Makes a wonderful understory tree. Heavy display of pale green Japanese lantern like seed pods provide fall interest.

Ostrya virginiana

American Hophornbeam

Height:	25-40'
Spread:	25-35'
Zone:	3-9
Origin:	Eastern US and Canada
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Catkin
Fruit:	Nutlet

A graceful understory tree with a rounded outline, American Hophornbeam shows excellent drought tolerance. Performs well in urban areas, parks, and other naturalized plantings as an understory addition.

Oxydendrum

Oxydendrum arboreum

Sourwood or Sorrel Tree

Height:	25-30'
Spread:	20-22'
Zone:	5-9
Origin:	Eastern US
Shape:	Pyramidal
Foliage:	Green
Fall Foliage:	Yellow, red, purple
Flower:	White, fragrant
Fruit:	Capsule

This slow growing native tree displays year long interest. A pyramidal canopy with drooping branches displays gobs of white panicles in June and July giving an ice cream cone appearance. Fall foliage is brilliant red.

Parrotia

Parrotia persica

Persian Parrotia or Persian Ironwood

Height:	20-40'
Spread:	15-30'
Zone:	4-8
Origin:	Iran
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Yellow, orange, red
Flower:	White with crimson center
Fruit:	Capsule

Grown as a small, round headed tree or multi-stemmed shrub, Parrotia develops mottled gray exfoliating bark with age. An excellent accent tree for the landscape, it should be considered for uses similar to Cornus.

Picea

Picea abies 'Inversa'

Weeping Norway Spruce

Height:	15-20'
Spread:	10-14'
Zone:	2-7
Origin:	Europe
Shape:	Weeping
Foliage:	Dark green
Fruit:	Cone

A picturesque, adaptable cultivar with a cascading habit formed by pendulous branches. Its height is determined by staking.

Picea abies (excelsa)

Norway Spruce

Height:	80-100'
Spread:	30-50'
Zone:	2-8
Origin:	Europe
Shape:	Pyramidal
Foliage:	Dark green
Fruit:	Cones

A large, pyramidal evergreen, with graceful, wide sweeping branches. A rapid grower best used as a large specimen or for screening.

Picea glauca

White Spruce

Height:	40-60'
Spread:	15-20'
Zone:	2-6
Origin:	Northeastern US
Shape:	Pyramidal
Foliage:	Blue-gray
Fruit:	Cone

An extremely hardy and adaptable evergreen. A broad, dense pyramid in its juvenile stage, *Picea glauca* becomes a narrow spire at maturity. Salt tolerant.

Picea glauca 'Conica'

Dwarf Alberta Spruce

Height:	10-12'
Spread:	4-5'
Zone:	2-6
Origin:	Canada
Shape:	Pyramidal
Foliage:	Light blue
Fruit:	Cone

A slow growing natural dwarf with a compact pyramidal habit, this plant displays soft light green foliage that turns a bluish green at maturity. Uses are patio container plant, topiary, or foundation plantings.

Picea omorika

Serbian Spruce

Height:	50-30'
Spread:	15-20'
Zone:	4-7
Origin:	Europe
Shape:	Pyramidal, narrow
Foliage:	Dark green
Fruit:	Cones

A narrow spruce with curved branches and upswept tips, the Serbian spruce exhibits hardiness and tolerance to moist soils and urban conditions. An extremely slow grower.

Picea omorika 'Nana'

Dwarf Serbian Spruce

Height:	8-10'
Spread:	8-10'
Zone:	4
Origin:	Europe
Shape:	Conical to globose
Foliage:	Dark green
Fruit:	Cones

Low growing Serbian spruce exhibiting conical to globose shape. A hardy selection for northern foundation plantings, preferring moist soils and tolerating full sun.

Picea orientalis

Oriental Spruce

Height:	50-60'
Spread:	8-10'
Zone:	4-7
Origin:	Asia
Shape:	Pyramidal, narrow
Foliage:	Dark green
Fruit:	Cones

A slow growing specimen with tiny dark green needles and small bright red cones appearing in spring, *Picea orientalis* makes an excellent selection for small areas.

Picea pungens 'Hoopsii'

Hoopsii Blue Spruce

Height:	20-30'
Spread:	7-10'
Zone:	2-7
Origin:	Southwestern US
Shape:	Pyramidal, dense
Foliage:	Bright silver-blue
Fruit:	Cone

Wonderful true, blue spruce exhibiting spreading branching with silver blue needles. This densely growing pyramidal needs little pruning. A striking addition as a specimen.

Picea pungens 'Thompsonii'

Thompson Blue Spruce

Height:	20-30'
Spread:	7-10'
Zone:	2-7
Origin:	Southwestern US
Shape:	Pyramidal
Foliage:	Intense silver-blue
Fruit:	Cone

Reportedly one of the best colored silver-blue pungs forms, this spruce makes a striking presence with its symmetrical pyramidal form.

Picea pungens glauca 'Baby Blue Eyes'

Baby Blue Eyes Colorado Spruce

Height:	30-50'
Spread:	15-20'
Zone:	3
Origin:	Ontario, Canada
Shape:	Pyramidal
Foliage:	Blue
Flower:	Insignificant
Fruit:	Cone

Select seed strain, blue color intensifies as the plant grows older. Resistant to spidermite and tolerant of drought.

Pieris

Pieris japonica 'Dorothy Wycoff'

Dorothy Wycoff Pieris

Height:	6-8'
Spread:	5-6'
Zone:	5-8
Origin:	Eastern China, Taiwan
Shape:	Compact, upright
Foliage:	Dark green
Fall Foliage:	Red-green
Flower:	Pink
Fruit:	Capsule

A versatile shrub that may be used in mass border plantings or as a specimen. Dark green foliage turns a rich purple-red in winter. Dark red flower buds turn to pink panicles in spring.

Pieris japonica 'Zebris'

Red Mill® Pieris
P.P.#4111

Height:	7-8'
Spread:	4-5'
Zone:	5-9
Origin:	Eastern China, Taiwan
Shape:	Compact upright
Foliage:	Red to leathery green
Fall Foliage:	Dark green, bronze
Flower:	White, pendulous panicles
Fruit:	Capsule

White flowers emerge later than the species. New growth emerges red and is retained throughout the summer to contrast with mature leathery green foliage. Maintains a compact, bushy habit.

Pieris japonica var. yakushmanum 'Cavatine'

Cavatine Pieris

Height:	2-6'
Spread:	4-8'
Zone:	5
Origin:	Eastern China, Taiwan
Shape:	Compact, rounded
Foliage:	Dark green
Fall Foliage:	Red-green
Flower:	White
Fruit:	Capsule

(2003 Plant of the Year) Cavatine demonstrates cold hardiness and deer resistance making it a popular choice for northern landscapes. Petite green foliage becomes hidden under a foam of white cascading flowers.

Pinus

Pinus flexilis 'Vanderwolf Pyramid'

Vanderwolf Pyramid Limber Pine

Height:	30-50'
Spread:	20-30'
Zone:	4-7
Origin:	US
Shape:	Pyramidal, dense
Foliage:	Silver-blue
Fruit:	Cones

This limber pine has upright branches that will spread with age. Blue green needles twist to give two tone appearance. It is adaptable to heat and a wide range of climatic and soil conditions.

Pinus mugo 'ENCI'

ENCI Mugo Pine

Height:	5-6'
Spread:	5-6'
Zone:	2-7
Origin:	Europe
Shape:	Mounding
Foliage:	Dark green
Fruit:	Cone

(Evergreen Nursery Co. Introduction) Selected for superior and uniform mounding habit. In early spring, light green, candle like shoots present a striking appearance against mature dark green foliage.

Pinus nigra

Austrian Pine

Height:	50-60'
Spread:	20-40'
Zone:	4-8
Origin:	Europe
Shape:	Pyramidal, dense
Foliage:	Dark green
Fruit:	Cones

A vigorous grower that is covered with stiff dark green needles. Very adaptable to adverse weather and urban conditions.

Pinus strobus

Eastern White Pine

Height:	50-80'
Spread:	20-40'
Zone:	3-8
Origin:	East Coast
Shape:	Pyramidal, dense
Foliage:	Blue-green, soft
Fruit:	Cones

A handsome, rapidly growing pine responds well to shearing. Landscape use is widely varied; valuable as a screen, park and estate planting, wind breaks, or simply a stately specimen. Broadly pyramidal in habit.

Pinus strobus 'Fastigiata'

Columnar White Pine

Height:	35-50'
Spread:	12-15'
Zone:	3-8
Origin:	US
Shape:	Columnar
Foliage:	Soft blue-green
Fruit:	Cone



A columnar cultivar of the species, this fast growing plant is narrowly upright. The tree develops a wider character as it matures. A nice landscape specimen selection.

Pinus strobus 'Pendula'

Weeping White Pine

Height:	15-25'
Spread:	15-20'
Zone:	3-8
Origin:	US
Shape:	Weeping
Foliage:	Blue-green, soft
Fruit:	Cones

Trained to a central leader in its juvenile stage, this cultivar develops long pendulous branches that sweep the ground. The characteristic blue green color is evident throughout the year.

Pinus thunbergiana

Japanese Black Pine

Height:	20-40'
Spread:	20-40'
Zone:	4-8
Origin:	Japan
Shape:	Irregular pyramidal
Foliage:	Dark green
Fruit:	Cones

An exceptionally adaptable evergreen irregularly pyramidal in form, this species is extremely salt tolerant. Used frequently in seaside plantings. The artistic growth habit lends the tree to ornamental accent uses.

Pinus thunbergiana 'Thunderhead'

Thunderhead Pine

Height:	8-10'
Spread:	8-10'
Zone:	4-8
Origin:	Japan
Shape:	Mounding, irregular
Foliage:	Dark green
Fruit:	Cone



Thunderhead is an irregular form of *Pinus thunbergiana*. Stiff, dark green needles hide dense irregular branching making a unique specimen. Golden white candles appear in May.

Platanus

***Platanus x acerifolia* 'Bloodgood'**

Bloodgood London Planetree

Height:	70-100'
Spread:	60-70'
Zone:	4-9
Origin:	Hybrid cross
Shape:	Broad pyramidal
Foliage:	Green
Fall Foliage:	Yellow-brown
Fruit:	Syncarp

This broad pyramidal tree commands attention. Multi colored exfoliating bark contributes to the beauty of its winter silhouette. It is extremely tolerant of urban conditions.

***Platanus x acerifolia* 'Columbia'**

Columbia London Planetree

Height:	70-100'
Spread:	65-80'
Zone:	4-8
Origin:	Hybrid cross
Shape:	Pyramidal
Foliage:	Dark green
Fall Foliage:	Yellow
Fruit:	Syncarp



A US National Arboretum cross, Columbia reports to have resistance to mildew and anthracnose. It exhibits the same grand form of the species as well as the tolerance of urban conditions.

Prunus

***Prunus* 'Berry'**

Cascade Snow® Cherry

Height:	25'
Spread:	20'
Zone:	5
Origin:	Hybrid
Shape:	Upright, spreading
Fall Foliage:	Bronze-orange
Flower:	White
Fruit:	Drupe

Large, single pure white flowers adorn this upright spreading canopy. This is an excellent choice for the urban garden or mass planting for a commercial area.

***Prunus* 'Okame'**

Okame Cherry

Height:	20-30'
Spread:	20-30'
Zone:	6-8
Origin:	Hybrid cross
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Orange-red
Flower:	Pink
Fruit:	Drupe (Red)



This tree exhibits year round interest. Flowering early spring, the color display is extended because the brightly colored calyx remains after the profuse pink petals are gone. Richly colored red-brown bark is also nice.

***Prunus cerasifera* 'Thundercloud'**

Thundercloud Plum

Height:	15-30'
Spread:	15-20'
Zone:	4-8
Origin:	Asia
Shape:	Upright spreading
Foliage:	Purple
Fall Foliage:	Bronze/purple
Flower:	Single pink, fragrant
Fruit:	Drupe

Fragrant, single-pink flowers appear before leaves emerge in spring. This plum will retain its purple foliage throughout the growing season. Used extensively in mass plantings for spring flower or summer foliage impact.

Prunus sargentii

Sargent Cherry

Height:	20-30'
Spread:	20-30'
Zone:	4-7
Origin:	Japan
Shape:	Rounded upright
Foliage:	Dark green
Fall Foliage:	Red-bronze
Flower:	Pink, single
Fruit:	Purple-black drupe

One of the most versatile of the genera, Sargent cherry displays shiny green summer foliage turning reddish bronze in fall. Flowers are single, clear pink and yield purple fruit in mid summer. Good ornamental accent.

***Prunus sargentii* 'Columnaris'**

Columnar Sargent Cherry

Height:	25-35'
Spread:	10-15'
Zone:	4
Origin:	Japan
Shape:	Vase shaped
Foliage:	Dark green
Fall Foliage:	Orange to orange red
Flower:	Single, pink

Columnaris forms a vase-shaped silhouette in the landscape. Flowers and foliage are similar to the species. A nice accent piece for corner plantings or tight spaces.

***Prunus serrulata* 'Amanogawa'**

Amanogawa Cherry

Height:	15-20'
Spread:	4-5'
Origin:	China, Korea, Japan
Shape:	Columnar
Foliage:	Green tinged red
Fall Foliage:	Red-bronze
Flower:	Clear pink
Fruit:	Black drupe

A rapidly growing form with columnar outline, fragrant flowers emerge clear pink. Red tinged foliage turns bronze red in fall. Good selection for grove plantings, specimens, or lining driveway areas.

***Prunus serrulata* 'Kwanzan'**

Kwanzan Cherry

Height:	20-25'
Spread:	15-20'
Zone:	5-9
Origin:	China, Japan, Korea
Shape:	Upright
Foliage:	Bronze to green
Fall Foliage:	Orange-bronze
Flower:	Dark pink, double
Fruit:	Drupe

Eye catching pink flowers make this one the most popular double flowered cultivars. It has a vase shaped canopy and prefers well drained soils.

***Prunus serrulata* 'Snowgoose'**

Snowgoose Flowering Cherry

Height:	15-20'
Spread:	15-20'
Zone:	5
Origin:	China, Japan, Korea
Shape:	Broad Upright
Foliage:	Bright green
Fall Foliage:	Bronze-red
Flower:	Single white
Fruit:	Drupe

This small specimen has an upright oval-rounded habit. White flowers open almost simultaneously as the bright green foliage unfurls. Displays more pest resistance than other serrulata cultivars.

***Prunus subhirtella* 'Pendula'**

Weeping Double Flower Higan Cherry

Height:	20-25'
Spread:	20-25'
Zone:	4-8
Origin:	China, Japan, Korea
Shape:	Weeping, rounded
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Pink, double
Fruit:	Red to black drupe

Probably one of the oldest oriental cherries in this country. Its long pendulous branches and early blooming pink flowers are a favorite with gardeners. Grafted on 6 foot standard.

Prunus x 'Snofozam'

Snow Fountains® Cherry

Height:	6-12'
Spread:	6-12'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Weeping
Foliage:	Dark green
Fall Foliage:	Golden to orange
Flower:	Single white
Fruit:	Drupe

An exceptionally compact cross with a dramatic cascading canopy, this is one of the more diminutive weeping cherries. It serves as an excellent specimen for accent plantings.

Prunus x cistena

Purpleleaf Sand Cherry

Height:	7-10'
Spread:	6-8'
Zone:	2-8
Origin:	Hybrid cross
Shape:	Rounded, multi-stem
Foliage:	Purple
Fall Foliage:	Purple
Flower:	Single pink, fragrant
Fruit:	Drupe

(*P. pumila* x *P. cerasifera* 'Atropurpurea') This large multi stem shrub features intense purple foliage. Fragrant single flowers appear after the leaves. A good choice for mass plantings because of hardiness.

***Prunus x hillieri* 'Spire'**

Hillier Spire Cherry

Height:	25-30'
Spread:	8-10'
Zone:	4
Origin:	Japan
Shape:	Columnar
Foliage:	Medium green
Fall Foliage:	Orange red
Flower:	Pink
Fruit:	Drupe

Fastigate tree exhibiting both spring and fall landscape appeal. Single soft pink flowers in spring and fall foliage of orange, red and yellow make this an interesting addition to northern gardens in particular.

Prunus x yedoensis

Yoshino Cherry

Height:	30-40'
Spread:	25-30'
Zone:	5-7
Origin:	Japan
Shape:	Upright
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Pink to White, single
Fruit:	Drupe

Recognized for its flower display during the Cherry Blossom Festival in Washington, DC, this beautiful tree is massed in fragrant light pink to white blooms.

***Prunus x yedoensis* 'Akebono'**

Akebono Cherry

Height:	20-25'
Spread:	25'
Zone:	5
Origin:	Japan
Shape:	Rounded
Foliage:	Medium green
Fall Foliage:	Yellow
Flower:	Pink
Fruit:	Black drupe

Akebono sometime referred to as Daybreak displays soft pink blossoms before the canopy flushes with green. Reportedly a good selection for northern climates, this tree will hold its foliage into mid November.

Pseudotsuga

Pseudotsuga menziesii

Douglas Fir

Height:	40-80'
Spread:	12-20'
Zone:	4-6
Origin:	Western US
Shape:	Pyramidal
Foliage:	Blue-green
Fruit:	Cones

A soft needled conifer that forms an open, airy pyramidal form. Its foliage will become more blue in color with age. It prefers slightly acidic, moist, but well drained soils.

Pyrus

***Pyrus calleryana* 'Aristocrat'[®]**

Aristocrat[®] Pear P.P.#3193

Height:	30-35'
Spread:	20-25'
Zone:	5-8
Origin:	China, Korea
Shape:	Broad pyramidal
Foliage:	Glossy dark green
Fall Foliage:	Brilliant purple-red
Flower:	White
Fruit:	Pome

Broad pyramidal form with strong central leader and horizontal branching. Glossy undulating leaves turn from green to purple-red in the fall. Used in park and street commercial plantings as well as residential.

***Pyrus calleryana* 'Cleveland Select'**

Cleveland Select Pear

Height:	30-35'
Spread:	20-22'
Zone:	4-8
Origin:	China, Korea
Shape:	Pyramidal
Foliage:	Glossy green
Fall Foliage:	Red
Flower:	White
Fruit:	Yellow-green pome

This evenly branched tree displays a pyramidal form. Used in urban and public access designs as it shows a tolerance for a wide range of environmental conditions.

***Pyrus calleryana* 'Holmford'**

New Bradford® Pear

Height:	25-35'
Spread:	20-30'
Zone:	5-8
Origin:	Korea, China
Shape:	Broadly oval
Foliage:	Glossy green
Fall Foliage:	Gold and burgundy
Flower:	White

This new and improved cultivar of Bradford features stronger, wider branching. This is the nearly perfect street tree. Broad oval canopy is blanketed with white blossoms in early spring.

***Pyrus calleryana* 'Redspire'**

Redspire Pear
P.P.#3815

Height:	30-35'
Spread:	20-25'
Zone:	4-8
Origin:	China, Korea
Shape:	Dense pyramidal
Foliage:	Glossy green
Fall Foliage:	Yellow to red
Flower:	White
Fruit:	Yellow-green pome

Large white flowers engulf this tree when in bloom. Slower growing than Bradford, this specimen keeps a symmetrical shape and tight branching habit. Improved cultivar is more durable in the landscape.

Quercus

Quercus acutissima

Sawtooth Oak

Height:	35-45'
Spread:	35-45'
Zone:	5-9
Origin:	China, Japan, Korea
Shape:	Broad spreading
Foliage:	Dark glossy green
Fall Foliage:	Yellow to golden brown
Fruit:	Acorn

An attractive, broadly spreading shade tree with sharply serrated leaves resembling the chestnut. The bark on older trees acquires a cork like pattern. It is tolerant of heat and wide range of soils.

Quercus alba

White Oak

Height:	50-80'
Spread:	50-80'
Zone:	3-9
Origin:	Eastern US to Midwest
Shape:	Broad, rounded
Foliage:	Soft green
Fall Foliage:	Rustic red
Fruit:	Acorn



This species is the most majestic of the oaks. Its canopy becomes broad at maturity and its light gray bark creates a fantastic winter silhouette. Used in estate and park like plantings.

Quercus bicolor

Swamp White Oak

Height:	50-60'
Spread:	40-50'
Zone:	3-8
Origin:	Eastern US
Shape:	Broad, rounded
Foliage:	Dark green
Fall Foliage:	Yellowish brown
Fruit:	Acorn

Attractive peeling bark of grayish brown adds additional winter interest to the landscape. The dark green foliage is silvery underneath. Thrives in wet, boggy soils. Prefers an acidic pH.

Quercus coccinea

Scarlet Oak

Height:	50-60'
Spread:	40-50'
Zone:	4-7
Origin:	Eastern US and Midwest
Shape:	Upright spreading
Foliage:	Dark glossy green
Fall Foliage:	Scarlet
Fruit:	Acorn

Habit at maturity is open and rounded. Glossy green foliage colors red to scarlet in autumn. *Quercus coccinea* is tolerant of droughty soil types. Also, does not appear to develop chlorosis as readily as other oaks.

Quercus frainetto 'Schmidt'

Forest Green™ Italian or Hungarian Oak

Height:	40-50'
Spread:	25-30'
Zone:	5
Origin:	Balkans, Southern Italy
Shape:	Oval
Foliage:	Deep green
Fall Foliage:	Yellow brown

The Italian or Hungarian Oaks are considered some of the most magnificent in the *Quercus* genera. These boldly branched trees have heavily lobed dark green leaves and are an excellent choice for park plantings.

Quercus imbricaria

Shingle or Laurel Oak

Height:	50-60'
Spread:	50-60'
Zone:	4-8
Origin:	PA, GA to NE
Shape:	Upright, oval
Foliage:	Green
Fall Foliage:	Red
Fruit:	Acorn

The common name derives from its use by early American settlers for shingles. Tough, resilient tree accepts pruning well and shows solid performance in street plantings. Similar to *Quercus alba* in culture.

Quercus macrocarpa

Bur Oak

Height:	70-80'
Spread:	70-80'
Zone:	3-8
Origin:	Eastern & Central U.S.
Shape:	Broad irregular oval
Foliage:	Dark green
Fall Foliage:	Yellow to yellow brown
Fruit:	Acorn

This grand tree is very adaptable and tolerant of a wide range of soil types and air pollutants. Not a tree for the small garden, this grand specimen does well in large estate and commercial plantings.

Quercus nigra

Water Oak

Height:	50-80'
Spread:	40-60'
Zone:	6-9
Origin:	Southeastern US
Shape:	Conical to Round
Foliage:	Blue Green
Fall Foliage:	Bronze
Fruit:	Acorn

This shade tree is adaptable to a wide range of environmental conditions. It is used in street and urban landscapes where it is valued for its vigorous, sustained growth.

Quercus palustris

Pin Oak

Height:	60-70'
Spread:	35-40'
Zone:	4-8
Origin:	US
Shape:	Broad pyramidal
Foliage:	Dark green
Fall Foliage:	Bronze-red
Fruit:	Acorn

Probably the most popular of the native oaks used in landscaping. Its graceful, pyramidal habit is naturally appealing for street and public access use. Prefers acidic soils for optimum performance.

Quercus prinus

Chestnut Oak

Height:	60-70'
Spread:	60-70'
Zone:	4-8
Origin:	US and Canada
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Yellow
Fruit:	Acorn

This medium sized tree has dark yellow green leaves that change to orange yellow in the fall. It responds well to transplanting and does not seem to mind commercial island plantings.

Quercus robur 'Fastigiata'

Pyramidal English Oak

Height:	50-60'
Spread:	10-15'
Zone:	4-8
Shape:	Upright, columnar
Foliage:	Deep green
Fall Foliage:	Yellow-brown
Fruit:	Acorn

It has a very distinctive columnar habit only 10 to 15 feet wide at maturity. This tree is well suited for formal and street plantings.

Quercus rubra (borealis)

Northern Red Oak

Height:	60-75'
Spread:	60-75'
Zone:	4-8
Origin:	US and Canada
Shape:	Rounded
Foliage:	Glossy green
Fall Foliage:	Red
Fruit:	Acorn

A fast growing native oak with a large round canopy. Tolerant of air pollution and varying soil conditions. *Quercus rubra* is a proven performer in commercial and street tree plantings.

Quercus velutina

Northern Black Oak

Height:	50-60'
Spread:	40-60'
Zone:	4
Origin:	ME to FL, MN to TX
Shape:	Oval
Foliage:	Deep green
Fall Foliage:	Rusty red
Fruit:	Acorn

The oval canopy of this tree opens to a more rounded silhouette with age. Presents itself well as shade or street tree. Leaf shape is much like a smaller version of the red oak. Nice rusty red fall color.

Rhododendron

Rhododendron 'P.J.M. Elite'

P.J.M. Elite Rhododendron

Height:	3-6'
Spread:	3-6'
Zone:	4
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Plum purple
Flower:	Lavendar-pink
Fruit:	Capsule

With masses of flowers, this late bloomer is a true sign of spring. This all around superior form is a vigorous grower. Cold hardy and heat tolerant.

Rhododendron 'P.J.M.'

P.J.M. Rhododendron

Height:	3-6'
Spread:	6-7'
Zone:	4-8
Origin:	Hybrid cross
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Burgundy
Flower:	Bright lavender

Thick, leathery, dark green leaves turn burgundy in winter. Flowers occur in mid to late April in an abundance of bright lavender pink. Little to no seed, the plants are clean and hardy to zone 4.

Rosa 'Angelsie'

Lady Elsie May® Rose
P.P.#15763

Height: 3'
Spread: 3'
Zone: 5
Origin: Hybridized: Noack
Shape: Upright, mounding
Foliage: Glossy green
Flower: Coral pink
Fruit: Hip production limited

(2005 AARS Winner) Top performing landscape shrub produces an abundance of coral pink blossoms May through late fall. Disease resistant foliage makes this an excellent choice for both commercial and residential.

Rosa rugosa

Rugosa Rose

Height: 4-6'
Spread: 4-6'
Zone: 2-7
Origin: China, Japan, Korea
Shape: Rounded, upright
Foliage: Deep green
Fall Foliage: Orange to red
Flower: Pink-purple
Fruit: Red hip

An extremely hardy, adaptable shrub for tough to landscape sites. *Rosa rugosa* is the answer to mass embankment plantings and locations near the seashore. Fragrant pink flowers with red hips that give fall color too.

Rosa rugosa 'Alba'

White Rugosa Rose

Height: 4-5'
Spread: 4-5'
Zone: 2-7
Origin: China, Japan, Korea
Shape: Rounded, dense
Foliage: Dark green
Fall Foliage: Orange and red
Flower: White, fragrant
Fruit: Hip

Just as hardy and tolerant of poor growing conditions as the species, *Alba* has a fragrant white flower. Excellent choice for sandy, difficult to landscape sites.

'MEldriflora' Height/Spread: 2' / 2'
Coral Drift® Rose P.P.#19148

Coral Drift® has the most rounded habit of all the Drift Roses. Small bright coral blooms finish to a coral pink. Slight green apple fragrance.

'MElgalpio' Height/Spread: 1' / 1'
Red Drift® Rose P.P.#17877

Smallest in habit of the series, Red Drift showers the landscape with deep red blossoms. White streaks can occasionally be found on the petals. Creeping, bushy habit.

'MElggili' Height/Spread: 2' / 2'
Peach Drift® Rose P.P.#18542

Peach Drift makes up for the lack of a notable fragrance by being the most floriferous of the Drift roses. Bright peach apricot blooms with a rounded, bushy habit.

'MEljocos' Height/Spread: 1' / 3'
Pink Drift® Rose P.P.#18874

Clusters of deep pink blossoms adorn the stems of Pink Drift before finishing to medium pink. Blossoms will occasionally show a white eye. Creeping, bushy habit.

Rosa 'Radkon'

Pink Knock Out® Rose
P.P.#15070

Height: 3'
Spread: 4'
Zone: 4-10
Shape: Mounded, bushy
Foliage: Deep mossy green
Fall Foliage: Deep lustrous purple
Flower: Medium pink

Pink KnockOut is a color sport of Knock Out, similar in all aspects but for the medium pink blooms that cover this mounded, bushy shrub rose from spring through frost.

Rosa 'Radrazz'

Knock Out® Rose
P.P.#11836

Height: 3'
Spread: 4'
Zone: 4
Shape: Compact, mounded
Foliage: Deep mossy green
Fall Foliage: Deep lustrous purple
Flower: Cherry Red

The compact, mounded, bushy form of the KnockOut Rose with its cherry red blossoms continually attracts summer attention. Foliage turns to a deep purple for fall interest.

Rosa 'Radsunny'

The Sunny Knock Out® Rose

Height: 4-5'
Spread: 3-4'
Zone: 5-10
Shape: Upright
Foliage: Dark green, semi glossy
Flower: Yellow-cream

Abundant blooms from spring until frost, this rose releases a strong sweetbriar fragrance. More compact and upright than other roses in the series. More intense color during cooler temperatures.

Rosa 'Radtko'

Double Knock Out® Rose
P.P.#16202

Zone: 4-10
Foliage: Deep mossy green
Fall Foliage: Deep lustrous purple
Flower: Double cherry red

Double KnockOut is similar in form to the KnockOut rose but with double cherry red blossoms.

Rosa 'Radtkopink'

Pink Double Knock Out® Rose
P.P.#18507

Height: 3-4'
Spread: 3-4'
Zone: 5-10
Shape: Compact, mounded
Foliage: Deep mossy green
Flower: Pink

Generous bright pink blooms from spring until frost. Tolerant of heat and drought once established. Vigorous grower has a slightly spicy scent.

Rosa 'Radwhite'

White Out™ Rose
P.P.#20273

Height: 3'
Spread: 3'
Zone: 5-9
Shape: Bushy, compact
Foliage: Very dark green
Flower: Pure white

Young foliage is almost black. Abundant flowers with a slight citrus scent. Excellent resistance to disease.

Rosa 'Radyod'

Blushing Knock Out® Rose
P.P.#14700

Height: 3-4'
Spread: 3-4'
Zone: 5-10
Shape: Bushy, mounded
Foliage: Deep mossy green
Flower: Light Pink

Flowers are similar to The KnockOut Rose. Very good tolerance of disease this rose will bloom from spring until frost.

Rosa x 'NOA168098F'

Pink Supreme Flower Carpet® Rose
P.P.#19206

Height: 2-3'
Spread: 3'
Zone: 5-10
Shape: Low growing, compact
Foliage: Glossy dark green
Flower: Pink with white center

Pink Supreme is an improved cultivar of Flower Carpet Pink. This plant displays a richer color and blooms more prolifically.

Rosa x 'NOA83100B'

Scarlet Flower Carpet® Rose
P.P.#17373

Height: 2-3'
Spread: 3'
Zone: 5-10
Foliage: Glossy dark green
Flower: Red

Double red blooms cover the plant all summer long boasting an upending display from late spring to autumn. Once established, Flower Carpet Scarlet is extremely cold tolerant and demonstrates wide soil tolerance.

Rosa x 'NOA97400A'

Amber Flower Carpet® Rose
P.P.#17098

Height: 3'
Spread: 3'
Zone: 4-11
Shape: Low growing compact
Foliage: Dark glossy green
Flower: Amber/apricot

Amber was introduced in 2009. Groundcover rose has non stop bloom, disease resistance and fragrance.

Rosa x 'Noala'

Coral Flower Carpet® Rose
P.P.#14441

Height: 2-3'
Spread: 3-4'
Zone: 5-10
Origin: Hybrid cross
Shape: Low, spreading
Foliage: Dark green
Fall Foliage: Green
Flower: Coral

Coral Flower Carpet has large coral flowers that appear early in June.

Rosa x 'Noalesa'

Yellow Flower Carpet® Rose
P.P.#13869

Origin: Hybrid cross
Foliage: Glossy green
Flower: Yellow

Yellow Flower Carpet makes an early spring splash flowering 4 to 6 weeks earlier than the Flower Carpet cousins. More upright in habit. Makes an excellent landscape massing plant.

Rosa x 'Noamel'

Apple Blossom Flower Carpet® Rose
P.P.#10239

Height: 2-3'
Spread: 3-4'
Zone: 5-10
Origin: Hybrid Cross
Shape: Low Spreading
Foliage: Dark green
Fall Foliage: Green
Flower: Light pink to white

Similar in habit to 'Noatraum', Appleblossom Flower Carpet has a light pink flower that resembles an apple blossom. Foliage is dark green fading to green in the fall.

Rosa x 'Noare'

Red Flower Carpet® Rose
P.P.#11308

Height: 2-3'
Spread: 3-4'
Zone: 5-10
Origin: Hybrid cross
Shape: Low spreading
Foliage: Green with red tinge
Flower: Red with yellow center

Red Flower Carpet has a habit similar to 'Noatraum'. The crimson red flowers sport a yellow center. Foliage is green with a red tinge.

Rosa x 'Noaschnee'

White Flower Carpet® Rose
P.P.#9573

Height: 18-30"
Spread: 3-4'
Zone: 4-10
Origin: Hybrid cross
Shape: Upright spreading
Foliage: Dark green
Flower: Pure white

Fragrant white flowers adorn this low maintenance rose.

Rosa x 'Noatraum'

Pink Flower Carpet® Rose
P.P.#7282

Height: 24-30"
Spread: 3-4'
Zone: 4-10
Origin: Hybrid cross
Shape: Low spreading
Foliage: Dark green
Flower: Bright pink

An exceptional, long blooming, disease resistant ground cover rose, Pink Flower Carpet has beautiful bright pink flowers that contrast with the glossy dark green foliage. New growth is copper red.

Salix

Salix alba 'Tristis'

Golden Weeping Willow

Height:	50-70'
Spread:	60-65'
Zone:	3-8
Origin:	Europe, Asia
Shape:	Broad, weeping
Foliage:	Light green
Fall Foliage:	Yellow
Fruit:	Capsule

The hardiest and most recognizable of the weeping willows. At maturity, its graceful canopy is highlighted with green and then yellow foliage on its weeping branchlets.

Sciadopitys

Sciadopitys verticillata

Japanese Umbrella Pine

Height:	20-30'
Spread:	15-20'
Zone:	5-7
Origin:	Central Hondo
Shape:	Pyramidal
Foliage:	Dark, glossy green
Fall Foliage:	Green
Flower:	Monoecious
Fruit:	Cone

An unusual conifer features a dense habit of dark green foliage whorling around its twigs, resembling ribs of an umbrella. Wonderful specimen for foundation planting, rock gardens or border plantings.

Stewartia

Stewartia pseudocamellia

Japanese Stewartia

Height:	20-40'
Spread:	15-30'
Zone:	5-8
Origin:	Japan
Shape:	Pyramidal, oval
Foliage:	Dark Green
Fall Foliage:	Yellows, reds, purples
Flower:	White
Fruit:	Capsule

A pyramidal or oval tree, Stewartia is a magnificent addition to a land scape design. Dark green foliage turns to hues of yellow, scarlets, and purples in fall. Cup shaped white flowers give mid summer color.

Styrax

Styrax obassia

Fragrant Snowbell

Height:	20-30'
Spread:	20-30'
Zone:	5-8
Origin:	Japan, Korea
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	White, bell-shaped
Fruit:	Drupe

A small tree with dense, upright branching and fragrant, white, bell shaped flowers that appear slightly earlier than *Styrax japonicus*.

Syringa

Syringa 'Sugar Plum Fairy'[®]

Sugar Plum Fairy[®] Lilac

Height:	4-6'
Spread:	4-6'
Zone:	3-7
Shape:	Rounded
Foliage:	Green
Flower:	Rosy Pink

An upright rounded plant that does well as a large shrub or small tree. Light pink fragrant blossoms make this a lovely addition to any landscape. Best bloom quality and disease resistance achieved in full sun

Syringa hyacinthiflora 'Mt. Baker'

Mt. Baker Lilac

Height:	8-10'
Spread:	10-12'
Zone:	3-7
Origin:	Hybrid cross
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Reddish-purple
Flower:	Single white, fragrant
Fruit:	Capsule

Mt. Baker flowers before *Syringa vulgaris* cultivars. Its fragrant single white blossoms displayed on a rounded outline. Extremely hardy, this cultivar is suitable for mass border plantings or specimen display.

Syringa hycinthiflora 'Anabel'

Anabel Hyacinth Lilac

Height:	8-10'
Spread:	6-8'
Zone:	3-9
Foliage:	Green
Flower:	Double pink

Early blooming hybrid with an abundance of blooms. Mid spring brings clusters of pink buds that open to fragrant double soft pink flowers.

Syringa hycinthiflora 'Evangeline'

Evangeline Hyacinth Lilac

Height:	8-12'
Spread:	8-12'
Zone:	3-7
Shape:	Rounded vase
Foliage:	Green
Flower:	Violet

Double light purple bloom is very fragrant. Compact non suckering hybrid. Early bloomer.

Syringa julianae 'George Eastman'

George Eastman Lilac

Height:	4-6'
Spread:	6-8'
Zone:	2-7
Foliage:	Green
Flower:	Deep pink

No truly red flowered lilac, but this cultivar comes closer than any other. Wine red buds open to fragrant deep pink flowers. Foliage is mildew resistant.

Syringa meyeri 'Palibin'

Dwarf Korean Lilac

Height:	4-5'
Spread:	5-7'
Zone:	3-7
Origin:	Northern China
Shape:	Broad rounded
Foliage:	Dark green
Fall Foliage:	Red
Flower:	Pink
Fruit:	Capsule

This delicately rounded shrub flowers at a young age. Dense panicles of reddish purple buds open to be fragrant flowers in May. This cultivar shows resistance to mildew and is an easily maintained garden specimen.



Syringa microphylla 'Superba'

Superba Littleleaf Lilac

Height:	5-6'
Spread:	10-12'
Zone:	4-7
Origin:	China
Shape:	Broad spreading
Foliage:	Medium green
Flower:	Deep pink

A heat tolerant, dense shrub that will grow twice as broad as tall. It produces single pink red flowers and has leaves that are about half the size of *Syringa vulgaris*.

Syringa patula 'Miss Kim'

Miss Kim Lilac

Height:	6-10'
Spread:	4-5'
Zone:	3-8
Origin:	China
Shape:	Upright
Foliage:	Green
Fall Foliage:	Burgundy
Flower:	Blue, fragrant

An upright shrub that can be 9 feet high at maturity, Miss Kim blooms later than most lilacs. Its purple buds open to reveal fragrant blue flowers. Exhibits nice fall color of purple and red. Popular cultivar.

Syringa pekin. 'DTR 124'

Summer Charm® Lilac

P.P.#8951

Height:	15-20'
Spread:	10-15'
Zone:	4-7
Origin:	China
Shape:	Informal Oval
Foliage:	Green
Flower:	Creamy white
Fruit:	Capsules

This shrub exhibits a bit more informal habit than the *reticulatas*. Usually grown as a multi-stemmed plant, this fine textured plant features impressive creamy white flowers abundantly throughout the shrub.

Syringa reticulata

Japanese Tree Lilac

Height:	20-30'
Spread:	15-25'
Zone:	3-7
Origin:	Japan
Shape:	Upright, oval
Foliage:	Dark green
Flower:	White
Fruit:	Capsule

In late spring, this cultivar produces white flowers. It prefers slightly acidic soil. A superior selection for street tree or groupings near large buildings.

Syringa reticulata 'Elliott'

Snowcap™ Japanese Tree Lilac

Height:	15-20'
Spread:	10-12'
Zone:	3-7
Shape:	Upright
Foliage:	Dark green
Fall Foliage:	Yellow-green
Flower:	Creamy white panicles
Fruit:	Capsule

Compact grower is a bit smaller than Ivory Silk. Creamy white panicles in June. Has good uniform branching habit and tolerant of urban conditions.

Syringa reticulata 'Ivory Silk'

Ivory Silk Lilac

Height:	20-25'
Spread:	15-20'
Zone:	4-7
Origin:	China
Shape:	Compact rounded
Foliage:	Deep green
Flower:	Creamy white panicles
Fruit:	Capsule



A sturdy, compact, heavy flowering cultivar that commences inflorescence at an early age. Exhibits hardiness and is used in mass plantings and borders.

Syringa reticulata 'Williamette'

Ivory Pillar™ Lilac

Height:	20-25'
Spread:	10-15'
Zone:	3-8
Shape:	Pyramidal
Foliage:	Dark green
Flower:	White

More narrow than the species but attaining a pyramidal shape. Large white flower spikes.

Syringa vulgaris

Common Lilac

Height:	12-15'
Spread:	8-12'
Zone:	3-8
Origin:	Europe
Shape:	Upright
Foliage:	Green
Flower:	Light purple
Fruit:	Capsule

This large vigorous shrub, or small tree with a suckering habit, is most renowned for its floral qualities of fragrance and inflorescence. Below are listed cultivars as well as straight species grown at Angelica.

'Albert F. Holden'	Deep violet
'Arch McKean'	Reddish-purple
'Avalanche'	White
'Charles Joly'	Magenta, double
'Dwight D. Eisenhower'	Single blue
'Edith Cavell'	White
'Fiala Remembrance'	Double white
'Flower City'	Purple
'Krasavitsa Moskvj'	White
'Ludwig Spaeth'	Deep purple
'Marie Frances'	Pink, fragrant
'Mme. Lemoine'	White, double
'Monge'	Single, purple
'President Grevy'	Blue, double
'Primrose'	Pale creamy-yellow
'Sensation'	Purple, single
'Wedgewood Blue'	Blue
'Wonderblue'	Blue

Syringa x chinensis 'Lilac Sunday'

Lilac Sunday Chinese Lilac

Height:	8-12'
Spread:	6-10'
Zone:	3-7
Foliage:	Green
Flower:	Fragrant purple

Eye catching plant with an abundance of sweetly scented lavender flowers and deep green foliage. This moderate grower is a mid season bloomer. Lilac Sunday is fine textured and noted for its arching branches.

Syringa x hyacinthiflora 'Pocahontas'

Pocahontas Lilac

Height:	10-12'
Spread:	10-12'
Zone:	2-7
Origin:	Hybrid cross
Shape:	Upright
Foliage:	Dark green
Flower:	Violet
Fruit:	Capsule

Another of the profuse blooming Lemoine lilacs, this cultivar exhibits the same hardiness. Pocahontas transitions from deep maroon buds to a rich violet color. Some fragrance.

Syringa x hycinth. 'Maidens Blush'

Maidens Blush Lilac

Height:	8-10'
Spread:	4-8'
Zone:	2-7
Shape:	Upright
Foliage:	Tinged with purple
Fall Foliage:	Purple
Flower:	Light to medium pink

Maiden's Blush usually starts blooming a week or two before most other varieties. Flowers are fragrant. Great as an accent specimen or in large groupings and hedging.

Syringa x prestoniae 'Donald Wyman'

Donald Wyman Lilac

Height:	8-10'
Spread:	6-10'
Zone:	2-7
Foliage:	Green
Flower:	Deep pink

Deep pink near reddish flowers and buds. The foliage is less coarse. Tolerates heavier soils.

Taxodium

Taxodium distichum

Baldcypress

Height:	50-75'
Spread:	20-30'
Zone:	4-9
Origin:	Southeastern U.S.
Shape:	Pyramidal
Foliage:	Green
Fall Foliage:	Bronze
Fruit:	Cones

A very slow grower with finer foliage than that of the Metasequoia. It will thrive in wet, damp soils. A stately tree, it is a distinctive specimen addition to any design.

Taxus

Taxus baccata 'Adpressa Fowle'

Midget Boxleaf Yew

Zone:	6
Shape:	Spreading
Foliage:	Dark green

Dwarf compact plant grows only 3 to 6 inches per year. Heavy textured rounded needles and bright red fruit in fall. Vase shaped when young but will get wider than tall.

Taxus baccata 'Repandens'

Dwarf English Yew

Height:	2-4'
Spread:	12-15'
Zone:	5-7
Origin:	Europe, Africa, Asia
Shape:	Low spreading
Foliage:	Shiny dark green
Fruit:	Red seed

A slow growing, often semi-prostrate, female shrub with long spreading branches. Foliage is dark green.

Taxus cuspidata 'Capitata'

Pyramidal Japanese Yew

Height:	10-25'
Spread:	10-12'
Zone:	4-7
Origin:	Japan
Shape:	Pyramidal
Foliage:	Dark green
Fruit:	Red

Light green new growth contrasts with the older, deep green foliage. Responds well to shearing and can be kept in tight conical shape for use in formal landscape designs.

Taxus x media 'Bonnie Green Mound'

Bonnie Green Mound Yew

Height:	3-5'
Spread:	4'
Zone:	4

Compact form of 'Densiformis' with bright green foliage and a neat rounded habit.

Taxus x media 'Densiformis' select

Dense Yew

Height:	3-4'
Spread:	4-8'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Spreading
Foliage:	Bright green

Dense spreading shrub with bright green foliage. This shrub will grow twice as wide as it will tall.

Taxus x media 'Everlow'

Everlow Yew

Height:	3-4'
Spread:	4-5'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Low, spreader
Foliage:	Dark green

A dark green, low growing spreader, this cultivar is a good substitute for Repandens. Appears to tolerate windy, open spaces.

Taxus x media 'Flushing'

Flushing Yew

Height:	16'
Spread:	2-3'
Zone:	3
Origin:	Anglojap cross
Shape:	Extremely narrow
Foliage:	Deep green

Slender, stately form with thickish, lustrous dark green needles and red seeds

Taxus x media 'Greenwave'

Greenwave Yew

Height:	3-4'
Spread:	6-8'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Spreading
Foliage:	Deep green

A very low, densely mounding form of taxus with arching branches, this cultivar has deep green foliage and a compact habit. Similar to *Taxus baccata* in form and function.

Taxus x media 'Hatfieldii'

Hatfield Yew

Height:	10-12'
Spread:	8-10'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Upright
Foliage:	Dark green

A slow growing, densely compact yew with sharply ascending branches. A bit wider than *Hicksii*, but similar in shape. Hatfield branches to the ground better than *Hicksii*.

Taxus x media 'Hicksii'

Hicks Yew

Height:	15-20'
Spread:	8-10'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Upright, columnar
Foliage:	Dark green
Fruit:	Red

A fast growing columnar form with dark green foliage, this is the old standby upright of choice for hedges. Needles are characteristically dark green above and yellow green beneath.

Taxus x media 'Kelseyi'

Kelseyi Dense Yew

Height:	12'
Spread:	9'
Zone:	4
Origin:	Anglojap cross
Shape:	Narrow, upright
Foliage:	Dark green

A narrow upright growing yew with extremely dark green color. Growth is compact. Bright red fruit. Considered superior to *Hicksii*.

Taxus x media 'Moon'

Moon Yew

Height:	10-12'
Spread:	10-12'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Upright
Foliage:	Shiny dark green

Dense, upright rounded shrub with shiny, dark green foliage, this cultivar is showing excellent hardiness in the Midwest. Lower branches fill and cover more consistently than *Hicksii*.

Taxus x media 'Tauntonii'

Taunton Spreading Yew

Height:	3-4'
Spread:	4-7'
Zone:	4-8
Origin:	Anglojap cross
Shape:	Spreading
Foliage:	Dark green

This spreading form performs well in the extremes of heat in zone 8 and also showing resistance to winter burn in the Midwest.

Taxus x media 'Vermeulen'

Vermeulen Yew

Height:	5-8'
Spread:	4-9'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Upright, wide
Foliage:	Green
Fruit:	Red

Fast growing, broadly upright, rounded form with thick green needles, is used for quickly establishing hedges. Abundant red fruit in fall.

Taxus x media 'Viridis'

Grassgreen Yew

Height:	10-12'
Spread:	1-2'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Upright
Foliage:	Light green

Narrow columnar form with densely arranged vertical branches. Foliage is light green accented by yellow green new growth. An excellent choice for corner plantings.

Taxus x media densiformis 'Angelica'

Angelica Yew

Height:	3-4'
Spread:	6-8'
Zone:	4-7
Origin:	Anglojap cross
Shape:	Spreading
Foliage:	Dark green

Superb sport of *Taxus densiformis*. Dense habit and uniform branching. It maintains its green foliage during the winter months much better than other *Taxus medias*.

The logo for Angelica Nurseries, Inc. features the word "Angelica" in a large, elegant, cursive script. Below it, the words "NURSERIES, INC." are written in a smaller, clean, sans-serif font.

Thuja

Thuja occidentalis 'Elegantissima'

Gold Tip Arborvitae

Height:	10-15'
Spread:	4-5'
Zone:	2
Origin:	Eastern North America
Shape:	Narrow pyramidal
Foliage:	Dark green w/ yellow tips
Fall Foliage:	Bronze
Fruit:	Cone

The dark green foliage is accented by yellow leaf tips. A dominant central leader makes it less vulnerable to snow and ice damage. Will acquire a bronze cast in winter.

Thuja occidentalis 'Emerald'

Emerald Arborvitae

Height:	10-15'
Spread:	3-4'
Zone:	2-8
Origin:	Eastern North America
Shape:	Narrow pyramidal
Foliage:	Bright emerald green
Fall Foliage:	Bronze
Fruit:	Cone

A compact, pyramidal with bright, dense foliage that holds its rich color through the winter months. More heat tolerant than most cultivars.

Thuja occidentalis 'Nigra'

Dark American Arborvitae

Height:	20-30'
Spread:	5-10'
Zone:	2-8
Origin:	Eastern North America
Shape:	Pyramidal
Foliage:	Dark green
Fall Foliage:	Bronze-green
Fruit:	Cones

This large pyramidal will achieve a base reaching 5 feet in width. Compact dark green foliage is retained throughout the year. It may take on a bronze cast in extremely cold conditions.

Thuja occidentalis 'Techny'

Mission Arborvitae

Height:	10-15'
Spread:	5-7'
Zone:	2-8
Origin:	Eastern North America
Shape:	Pyramidal
Foliage:	Very dark green
Fall Foliage:	Bronze-green
Fruit:	Cones

A broad pyramidal with very dark green foliage all year. It is a slow growing arborvitae with extremely dense branching and foliage. Tolerates cold climates and a wide range of adverse conditions.

Thuja occidentalis 'Wintergreen'

Wintergreen Arborvitae

Height:	20-30'
Spread:	5-10'
Zone:	3-8
Origin:	Eastern North America
Shape:	Pyramidal
Foliage:	Dark green
Fruit:	Cones

This columnar form holds its green color through the winter months. More coarse than other pyramidal forms and shows more shade tolerance.

Thuja occidentalis 'Yellow Ribbon'

Yellow Ribbon Arborvitae

Height:	8-10'
Spread:	3-5'
Zone:	3-7
Shape:	Upright pyramidal
Foliage:	Yellow gold
Fall Foliage:	Yellow
Flower:	None
Fruit:	Cone

Prefers deep well drained soils. Dense foliage will retain bright golden yellow color throughout winter. This moderate grower is suitable for screens or hedges.

Thuja plicata 'Groplii'

Spring Grove Arborvitae

Height:	18-24'
Spread:	3-6'
Zone:	4
Origin:	AK to MT; CA
Shape:	Narrow pyramidal
Foliage:	Rich green
Fruit:	Cone

Excellent plant for hedge or screen situations. Considered a superior selection because of tightly pyramidal habit and uniform growth pattern. Great selection for the urban residential screen.

Thuja x plicata 'Green Giant'

Green Giant Arborvitae

Height:	50-70'
Spread:	15-25'
Zone:	4
Origin:	AK to MT; CA
Shape:	Narrow pyramidal
Foliage:	Rich green
Fruit:	Cone

Sturdy, solid performing Thuja furnishes dense branching to the ground. Excellent privacy hedge or screen. Winter color is copper to copper green. Prefers moist locations. Similar to Spring Grove in appearance.



Thuja x plicata 'Steeplechase'

Steeplechase Arborvitae

P.P.#16094

Height:	20'
Spread:	8'
Zone:	4-8
Shape:	Broad pyramidal
Foliage:	Green
Flower:	None

A sport of Green Giant, Steeplechase is slow growing and more dense. Has fine textured rich green foliage. Uses include mass planting, wind break, seacoast exposure or privacy screen.

Tilia

Tilia americana 'Legend'

Legend™ American Linden

Height:	50-60'
Spread:	35-40'
Zone:	4
Shape:	Broad pyramidal
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Yellow, fragrant

A broad pyramidal form of Tilia americana makes an excellent shade tree but is not recommended for street tree applications. Dark green heart shaped foliage contrast with yellow flowers that appear early summer.

***Tilia cordata* 'Chancellor'**

Chancellor Linden

Height:	25-35'
Spread:	15-20'
Zone:	3
Origin:	Europe
Shape:	Pyramidal
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Yellow
Fruit:	Nutlet

This is a tightly upright specimen that may be used in commercial or street plantings. Shows a great deal of environmental tolerance and is used both as a tree or hedge form.

***Tilia cordata* 'Greenspire'[®]**

Greenspire[®] Linden
P.P.#2086

Height:	40-50'
Spread:	30'
Zone:	3-7
Origin:	Europe
Shape:	Pyramidal
Foliage:	Dark glossy green
Fall Foliage:	Yellow
Fruit:	Nutlet

The best of the Littleleaf Lindens, this cultivar develops a pyramidal form with symmetrical branching and a strong central leader. At home in a residential design or commercial planting, this is a good selection.

***Tilia tomentosa* 'Sterling'[®]**

Sterling[®] Silver Linden
P.P.#6511

Height:	40-50'
Spread:	25-35'
Zone:	4-7
Origin:	Europe, Asia
Shape:	Broad pyramidal
Foliage:	Dark green - silver
Fall Foliage:	Yellow
Flower:	Yellow
Fruit:	Nutlet

The uniform winter silhouette and handsome grayish bark are impressive. It is resistant to Japanese beetle and gypsy moth damage. An excellent shade or street tree displays dark green foliage with silver undersides.

Tsuga

Tsuga canadensis

Canadian Hemlock

Height:	50-75'
Spread:	25-35'
Zone:	3-7
Origin:	Eastern North America
Shape:	Pyramidal
Foliage:	Dark green
Fruit:	Cones

A fast growing pyramidal evergreen with feathery foliage, this plant makes an excellent hedge or screen, as well as solitary specimen. Does show much tolerance for city conditions. Enjoys a moist soil.

***Tsuga canadensis* 'Sargent'**

Sargent's Weeping Hemlock

Height:	10-15'
Spread:	20-30'
Zone:	3-7
Origin:	Eastern North America
Shape:	Weeping, broad
Foliage:	Glossy, dark green
Fruit:	Cones

This weeping form is a slow growing, spreading specimen that develops heavy arching branches with age creating a fountain like effect.

Ulmus

***Ulmus americana* 'Jefferson'**

Jefferson Elm

Height:	50'
Spread:	50'
Zone:	5-7
Shape:	Vase
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Greenish red
Fruit:	Samara



Released jointly by United States National Arboretum and National Park Service, Jefferson shows good resistance to Dutch Elm Disease and can withstand city pollution and traffic. Makes an excellent street tree.

Ulmus americana 'New Harmony'

New Harmony Elm

Height:	50-70'
Spread:	50-70'
Zone:	5-10
Shape:	Broad vase
Foliage:	Green
Fall Foliage:	Yellow
Flower:	Red
Fruit:	Samara

Broadly vase shaped with drooping branches. Respectable tolerance to Dutch Elm Disease and adaptable to a wide range of soil conditions.

Ulmus americana 'Princeton'

Princeton Elm

Height:	60-80'
Spread:	30-60'
Zone:	3
Origin:	Canada to FL; west to CO
Shape:	Widely spreading
Foliage:	Dark green
Fall Foliage:	Yellow
Flower:	Greenish red
Fruit:	Samara

Noted for its endurance in the landscape, Princeton produces a nice display of leathery foliage. This cultivar exhibits excellent resistance to Dutch Elm Disease and the elm leaf beetle.

Ulmus americana 'Valley Forge'

Valley Forge Elm

Height:	60-80'
Spread:	30-60'
Zone:	3
Shape:	Strong vase
Foliage:	Deep green
Fall Foliage:	Yellow
Flower:	Greenish red
Fruit:	Samara
Origin:	Canada to FL; west to CO

(US Arboretum Introduction) Valley Forge expresses the classic American elm form with upright arching scaffold limbs developing into a full, dense canopy. Extremely resistant to Dutch Elm Disease.



Ulmus parvifolia 'Emer I'

Athena® Elm

P.P.#7551

Height:	25-30'
Spread:	25-35'
Zone:	5
Origin:	Hybrid cross
Shape:	Globe
Foliage:	Medium green
Fall Foliage:	Yellow
Fruit:	Samara

Presenting a globe shaped outline, this cultivar is a broader canopied tree. Exfoliating bark in shades of orange, grey and tan give exceptional winter interest. A tough cultivar shows excellent disease resistance.

Ulmus parvifolia 'Emer II'

Allee® Elm

P.P.#7552

Height:	40-50'
Spread:	20-35'
Zone:	5
Origin:	China
Shape:	Oval
Foliage:	Glossy, medium green
Fall Foliage:	Yellow-orange
Fruit:	Samara

Exhibiting a more oval form, this tall, upright and arching cultivar is unique among the parvifolia cultivars. It resembles the habit and form of the American Elm. Exfoliating bark gives winter interest.

Ulmus x 'Patriot'

Patriot Elm

Height:	40-50'
Spread:	20-30'
Zone:	4-5
Shape:	Vase
Foliage:	Dark green
Fall Foliage:	Yellow

(ARS, USDA Introduction) Bred for its resistance to Dutch Elm Disease, Patriot is the product of *Ulmus 'Urban' x Ulmus wilsoniana*. The tree is a formal vase shape at maturity and exhibits a strong central leader.

Viburnum

Viburnum 'Pragense'

Prague Viburnum

Height:	8-10'
Spread:	6-8'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Oval to Round
Foliage:	Dark Green
Flower:	White
Fruit:	Drupe

Extremely winter hardy shrub, this attractive evergreen displays fragrant pink to white flowers. Wonderful selection for hedges and screens, this plant should be pruned to maintain its density.

Viburnum carlesii

Koreanspice Viburnum

Height:	4-8'
Spread:	4-8'
Zone:	4-7
Origin:	Korea
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Red
Flower:	White, fragrant
Fruit:	Drupe

This slow growing shrub has fragrant white flowers and deep red autumn foliage. It needs fertile, moisture retentive soil to perform. Use as hedging or foundation planting.

Viburnum carlesii 'Compactum'

Compact Koreanspice Viburnum

Height:	2-3'
Spread:	2-3'
Zone:	4-8
Origin:	Korea
Shape:	Mound
Foliage:	Dark green
Fall Foliage:	Red
Flower:	White
Fruit:	Drupe

This dwarf clone of carlesii shows greater disease resistance than the straight species. Fragrant white flowers cover the dark green foliage in April and May.

Viburnum carlesii 'Diana'

Diana Koreanspice Viburnum

Height:	4-6'
Spread:	4-6'
Zone:	4-7
Flower:	White

This carlesii clone has a compact branching habit. Red flower buds turn to pink and then open to intensely fragrant white blooms. New growth is tinged with a purple cast. Low maintenance.

Viburnum dentatum

Arrowwood Viburnum

Height:	10-12'
Spread:	10-12'
Zone:	2-8
Origin:	Eastern U.S.
Shape:	Rounded, upright
Foliage:	Green
Fall Foliage:	Red
Flower:	White, clusters
Fruit:	Drupe, dark blue

A medium to large sized shrub bearing rounded coarsely toothed leaves. Adaptable to salt spray, preferring well drained soil, this is a work horse shrub used for screens or mass plantings in difficult sites.

Viburnum dentatum 'Ralph Senior'

Autumn Jazz[®] Viburnum

Height:	8-10'
Spread:	6-8'
Zone:	3-8
Origin:	U.S.
Shape:	Upright
Foliage:	Dark green
Fall Foliage:	Yellow-orange-red
Flower:	White
Fruit:	Drupe, blue-black

A multi stemmed shrub exhibiting excellent uniformity with upright vase shaped habit. Dark green foliage becomes a blend of yellow, orange, and burgundy in fall.

Viburnum dilatatum 'Erie'

Erie Viburnum

Height:	8-10'
Spread:	6-8'
Zone:	4-8
Origin:	Eastern Asia
Shape:	Upright, rounded
Foliage:	Dark green
Fall Foliage:	Yellow red
Flower:	White
Fruit:	Red drupe



This form is more upright and mounded in habit. Dark green leaves turn yellow red in fall. White spring flowers are followed by red fruit persisting through winter.

Viburnum nudum 'Winterthur'

Smooth Witherod Viburnum

Height:	4-6'
Spread:	4-6'
Zone:	5-9
Origin:	Eastern North America
Shape:	Compact rounded
Foliage:	Dark green
Fall Foliage:	Red purple
Flower:	Creamy white
Fruit:	Pink to red drupe



An improved form selected at Winterthur Gardens. It has lustrous, waxy foliage and a compact habit. Used in borders and massing, it is far more at home in a naturalized setting. Fall color is nice.

Viburnum opulus 'Notcutt'

Notcutt Cranberry Bush Viburnum

Height:	9-12'
Spread:	9-12'
Zone:	3-8
Origin:	Europe
Shape:	Spreading upright
Foliage:	Glossy green
Fall Foliage:	Maroon
Flower:	White, clusters
Fruit:	Red drupe

Profuse white flower clusters in May are followed by fruit so heavy that branches arch under their weight. This selection is superior to the species. Used in mass plantings.

Viburnum opulus 'Roseum' (sterile)

European Snowball Viburnum

Height:	10-12'
Spread:	10-12'
Zone:	3-8
Origin:	Europe
Shape:	Rounded
Foliage:	Green
Fall Foliage:	Yellow to Red
Flower:	White, clusters

A generational favorite, this is the hardy Snowball bush of our grandparents. The flowers are sterile and gathered into conspicuous creamy, white bunches covering the entire shrub.

Viburnum plicatum v. tomentosum 'Summer Snowflake'

Summer Snowflake Viburnum

Height:	4-6'
Spread:	4-5'
Zone:	5-8
Origin:	China, Japan
Shape:	Compact rounded
Foliage:	Green
Fall Foliage:	Red
Flower:	White
Fruit:	Red drupe

A compact form of *plicatum*, this hardy shrub produces flowers all through the summer in intermittent displays. Good for naturalizing in the garden or foundation planting.

Viburnum plicatum var. tomentosum

Doublefile Viburnum

Height:	8-10'
Spread:	9-12'
Zone:	5-8
Origin:	China, Japan
Shape:	Broad rounded
Foliage:	Dark green
Fall Foliage:	Crimson
Flower:	White, clusters
Fruit:	Red to black drupe

Snow white flowers gracefully adorn this elegant plant. It is a widely spreading specimen used for foundation plantings, screens, or corner plantings.

***Viburnum plicatum* var.
*tomentosum 'Mariesii'***

Marie's Doublefile Viburnum

Height:	8-10'
Spread:	8-10'
Zone:	5-8
Origin:	China, Japan
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Purple-red
Flower:	White 2-4" cyme
Fruit:	Drupe

This is an improved selection exhibiting larger flowers borne higher above the foliage giving a more graceful form. Leaves turn red to purple in the fall. An elegant addition to any landscape.

***Viburnum plicatum* var.
*tomentosum 'Shasta'***

Shasta Viburnum

Height:	6-8'
Spread:	10-12'
Zone:	5-8
Origin:	China, Japan
Shape:	Horizontal
Foliage:	Green
Fall Foliage:	Red
Flower:	White



(US National Arboretum Introduction) This plant is widely acclaimed as one of the best. Abundant, sterile inflorescences smother foliage in white clouds of florets. Habit is more horizontal.

Viburnum sieboldi 'Seneca'

Seneca Viburnum

Height:	10-12'
Spread:	8-10'
Zone:	4-7
Origin:	Japan
Shape:	Upright rounded
Foliage:	Dark green w/ purple cast
Fall Foliage:	Purple
Flower:	White
Fruit:	Rose red drupe

Large creamy white flowers yield to outstanding bright red fruit set that persist through late fall if the birds do not find them first.

Viburnum trilobum 'Wentworth'

Wentworth American Cranberry Viburnum

Height:	10-12'
Spread:	10-12'
Zone:	2-7
Origin:	North America
Shape:	Upright, rounded
Foliage:	Dark green
Fall Foliage:	Red
Flower:	White clusters
Fruit:	Red drupe

An open form chosen for its large, bright red fruit and excellent fall color, this is another shrub for the bird lover. This fruit makes a wonderful preserve.

Viburnum utile 'Chesapeake'

Chesapeake Service Viburnum

Height:	3-5'
Spread:	6-10'
Zone:	6-8
Origin:	China
Shape:	Mounding
Foliage:	Dark green and leathery
Fall Foliage:	Green to red
Flower:	White, slightly fragrant
Fruit:	Red black drupe

(US National Arboretum Introduction) This is a compact form of the species. It exhibits lustrous green leaves that have a undulating texture. Pink buds open to white and fruit set is a waxy red.

Viburnum x carlcephalum

Fragrant Snowball Viburnum

Height:	6-10'
Spread:	6-10'
Zone:	5-8
Origin:	Hybrid cross
Shape:	Rounded
Foliage:	Dark green
Fall Foliage:	Crimson
Flower:	White, fragrant
Fruit:	Red black drupe

(*V. carlesii* x *V. macrocephalum* var. *keteleeri*) This cross produces a specimen with fragrant white clusters of flowers. Used as an accent or conversation plant.

Viburnum x juddi

Judd Viburnum

Height:	6-8'
Spread:	6-8'
Zone:	4-8
Shape:	Rounded
Foliage:	Dark green
Flower:	White

Very fragrant semi snowball flower 3 inches in diameter. This cross could easily replace *Viburnum carlesii* as the chosen fragrant *Viburnum*.

Viburnum x rhytidophylloides 'Willowwood'

Willowwood Viburnum

Height:	8-10'
Spread:	8-10'
Zone:	4-8
Origin:	Hybrid cross
Shape:	Upright, arching
Foliage:	Dark green
Fall Foliage:	Semi-evergreen
Flower:	White
Fruit:	Red black drupe

This is an extremely vigorous growing shrub that is a good choice for screens and other mass plantings. Its arching habit and tough foliage make it desirable as a four season plant.

Zelkova

Zelkova serrata 'Green Vase'®

Green Vase® Zelkova
P.P.#5080

Height:	60-70'
Spread:	40-50'
Zone:	5-8
Origin:	Japan, Korea
Shape:	Vase shaped canopy
Foliage:	Dark green
Fall Foliage:	Bronze red
Fruit:	Drupe

This plant is a vigorous grower whose vase shaped outline is ideal for use in urban plantings. Tolerates city conditions and shows both disease and insect resistance.

Availability and Order Process

Availability

Most of the inventory for fall and spring will be committed by the end of October, so place your balanced mix order early to assure availability. All material is subject to availability at time of shipping. Fall shipping is a priority. We reserve the right to make substitutions unless customers specify otherwise.

Quotes

We welcome the opportunity to provide price quotes on current or prospective plant requirements. We suggest these requests be faxed or emailed. All prices are valid for fifteen days unless otherwise specified.

Load and Quantity Minimums

Please reference the Master Availability.

Tagging Appointments

Any plant material selected by customer may be subject to an additional charge.

The Acknowledgement Process

Acknowledgement Form

Angelica's acknowledgement form includes botanical names, sizes, and prices as well as billing and shipping information. Customer orders are considered requests until plant material is tagged.

Applicable Rate Pricing

The applicable rate pricing shown on the acknowledgment assumes the individual variety will be dug and delivered or picked up at one time. If an acknowledged line item is later broken out to multiple ship dates, or several locations, the invoice pricing will reflect applicable quantity rates at time of processing.

Pre-Payment

A 100% pre-payment is required from customers without approved credit.

Acknowledgement

Acknowledgements are mailed by December 31 to customers who have requested material for the spring season. This process confirms on-order balances and notifies customers of any substitutions or changes after fall business and inventory calculations have been completed. All items are subject to availability at the time of shipment.

Cancellations and Order Changes

Notice of cancellation or changes to spring season orders must be received by February 1st. Cancellations at other times of the year must be received at least 14 days prior to requested shipment date. Customer cancellations not made in accordance with this policy will be considered when evaluating customer discounts.

If cancellations are not made in advance as defined above, and the canceled material has been dug, it is subject to a 25% cancellation charge. If the canceled material has been graded and tagged, but not dug, it is subject to a 10% cancellation charge.

Note: We do not acknowledge new season orders until prior season account balances are paid in full.

Summary Terms and Conditions of Sale

Summary Terms

All plant material or other goods or services provided by Angelica Nurseries, Inc. ("Angelica") to Customer and all purchase orders placed by Customer for such goods or services sold on terms are subject to the Summary Terms Agreement. Customer agrees that the terms or conditions of any purchase order which are in any way inconsistent with or in addition to the Summary Terms Agreement will not be binding upon Angelica and will be considered inapplicable to the sale unless expressly agreed to in writing by an authorized officer of Angelica.

Sales Tax

Angelica is obligated to charge sales and use tax of any state in which material is delivered. Currently, in addition to Maryland, Angelica collects sales and use tax for the states of Connecticut, Massachusetts, Michigan, New Jersey, New York, Pennsylvania and Virginia. Customer must provide any sales and use tax exemption information it may have for states in which it will have material delivered. These exemptions must be state specific and must be provided prior to invoicing submitted on a state specific form. Without this information, Angelica will be obligated to charge sales and use tax. All orders picked up at Angelica by the Customer are subject to Maryland sales and use tax unless Customer provides a resale certificate bearing Customer's Maryland sales and use tax registration number.

Prepayment

Customer is responsible for rendering full payment to Angelica prior to digging unless Angelica has received, processed and approved a credit application and notified Customer in writing of agreed credit terms in advance. Terms for customers with established credit are net thirty (30) days.

Late Payment

Late payment will constitute a default of terms by Customer and will be subject to a late charge at a rate equal to two percent (2%) per month multiplied by the unpaid principal balance. If collection is commenced to enforce Customer's payment, Customer will reimburse Angelica for all costs and expenses associated with said enforcement, including collection and attorney's fees.

Delivery Inspection

Customer will inspect all plant material immediately upon delivery. Any claim of damage, shortage, non-compliance with the agreed order, or other deficiencies must be made in writing within five (5) days of Customer's receipt of the order or are waived by Customer. All material must be returned for consideration of full credit. No claims for deciduous material considered after July 1st.

Warranties

Angelica makes every effort to grow and ship top quality plant material. Due to the multitude of environmental and other conditions outside of Angelica's control, Angelica does not guarantee or provide any warranty on any plant material sold. ANGELICA SPECIFICALLY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Thus, THE RISK OF LOSS of any plant material provided by Angelica passes to Customer immediately upon shipment by Angelica.

Refunds

Customer's sole remedy for any claim arising out of any order for material supplied by Angelica will be a refund of monies paid by Customer to Angelica for said order. Customer expressly waives the right to claim consequential or incidental damages.

Legal Action

All sales will be governed by the laws of the State of Maryland. Jurisdiction and venue for any legal action arising out of or relating to any sale will reside exclusively within a Court of competent jurisdiction in Kent County, Maryland. Customer expressly waives its right to a trial by jury on any issues relating to or arising out of the sale.

Payment Obligations

Customer agrees that the payment obligations as a result of the sale will not be impaired, modified, changed, released or limited in any manner whatsoever by any impairment, modification, change, release or limitation of liability of the Customer by its estate by reason of the commencement of any case, proceeding or other action seeking reorganization, arrangement, adjustment, liquidation, dissolution or composition of it or its debts under any law relating to bankruptcy, insolvency, reorganization, relief of debtors, or seeking appointment of a receiver, trustee, custodian or similar official for it or all of its property.

Waiver

The waiver or acquiescence by Angelica of strict compliance with any term or condition will not constitute a waiver of any subsequent default or failure.

Discount Pricing

Discounts

Our discount policy is intended to make Angelica Nurseries your primary year-round source for top quality woody ornamental plant material. Key provisions are as follows:

Discounts are evaluated annually based on current volume and cancellations not made in accordance with our company policy. Larger orders may be eligible for immediate discount.

A customer will move to a higher discount whenever the cumulative volume based on completed invoices for the current year qualifies them for the next level.

This discount will be applied to future invoicing.

Contact Customer Service or your sales agent to receive a discount schedule. Certain items may be subject to a limited discount.

Thousand Rate Pricing

Thousand rate pricing items can receive an additional 5% discount for large quantities of single variety and size items. To qualify, quantities of a single variety and size must equal or exceed 250 pieces or \$5,000. We must be able to tag and dig at one time. Time periods for thousand rate pricing are below.

Time Periods for Thousand Rate Pricing
Deciduous Material
October 1 st through April 1 st
Evergreen Material
October 1 st through May 15 th

Plant Hardiness & Heat Zones

USDA Plant Hardiness Zones	
Zone 3	-40° to -30°
Zone 4	-30° to -20°
Zone 5	-20° to -10°
Zone 6	-10° to 0°
Zone 7	0° to 10°
Zone 8	10° to 20°
Zone 9	20° to 30°
Zone 10	30° to 40°

USDA Plant Hardiness Zone Map
<http://planthardiness.ars.usda.gov/PHZMWeb/>

America Horticultural Society Heat Zone Map
http://www.ahs.org/publications/heat_zone_map.htm

Payment Options

Angelica accepts American Express, Discover, MasterCard and Visa. Dollar volume and discount restrictions apply. Please contact the customer service department for more information.



Directions

Location

Angelica Nurseries is located on Maryland's Eastern Shore halfway between Wilmington, DE, and the Chesapeake Bay Bridge, just off Route 301. Our physical address is 11129 Locust Grove Road, Kennedyville, MD 21645.

Directions from North

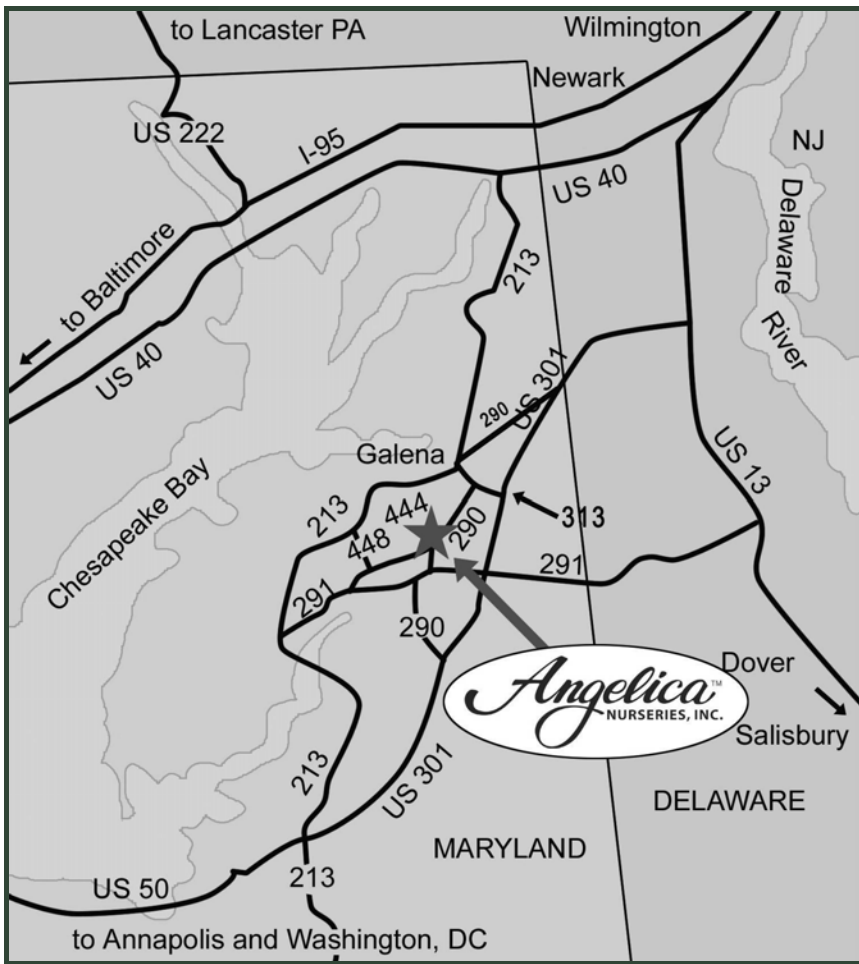
Follow I-95 South to exit 1A, Route 896 South, towards Middletown, DE. Route 896 merges with Route 301 South: continue south on Route 301 across the Maryland state line and then for an additional 13 miles to Route 291. Exit Route 291 West. Follow Route 291 for approximately 2½ miles to Route 290. Turn right onto Route 290 North. Follow Route 290 North to Morgnec Road. For the main entrance, turn left onto Morgnec Road, bear right onto Locust Grove Road (Route 444) and look for our entrance on the right side. For truck entrance, see below.

Directions from South

Follow combined Routes 50 East/301 North across the Chesapeake Bay Bridge and then Route 301 North after the Route 50 split. Continue 29 miles to Route 291. Exit Route 291 exchange and make a right onto 291 West. Follow Route 291 for approximately 2½ miles to Route 290. Turn right onto Route 290 North. Follow Route 290 North to Morgnec Road. For the main entrance, turn left onto Morgnec Road, bear right onto Locust Grove Road (Route 444) and look for our entrance on the right side. For truck entrance, see below.

Directions to Truck Entrance

Continue North on Route 290 past Morgnec Road and look for the Angelica Nurseries truck entrance sign just past the Angelica billboard on the left. Turn left into the nursery and then bear left towards the loading area. All trucks must register at the shipping office upon arrival.



Approximate Distances

Wilmington, DE	45 miles
Philadelphia, PA	75 miles
Baltimore, MD	90 miles
Washington, DC	90 miles
Central, LI, NY	200 miles
Richmond, VA	200 miles
Boston, MA	400 miles
Detroit, MI	600 miles
Chicago, IL	800 miles
St. Louis, MO	900 miles

Ball Weights

Representative ball weights are shown below. Actual ball weight may vary significantly from these guidelines based on soil moisture. Approximate number of plants per standard forty-five foot trailer may vary significantly based on plant variety.

B & B		
Ball Diameter	Approximate Weight	Approximate # per Trailer
11-14 in.	45 lbs.	750
14-16 in.	70 lbs.	550
16-18 in.	100 lbs.	400
18-20 in.	150 lbs.	280
20-22 in.	200 lbs.	210
22-24 in.	250 lbs.	170
24-26 in.	300 lbs.	130
26-28 in.	400 lbs.	100
28-32 in.	550 lbs.	80
32-36 in.	700 lbs.	65
36-40 in.	1000 lbs.	40
40-42 in.	1500 lbs.	30
42-44 in.	1800 lbs.	25
44-48 in.	2000 lbs.	20
48-50 in.	2500 lbs.	18
50 in.	3000 lbs.	15
60 in.	4500-5500 lbs.	8-10
70 in.	5500-6500 lbs.	7-8
80 in.	7000-9000 lbs.	5-6
90 in.	8000-10000 lbs.	3-4

Specimen Boxes		
Box Size	Approximate Weight	Approximate Volume
21 in.	210 lbs.	25 gallons
24 in.	600 lbs.	38 gallons
30 in.	1100 lbs.	72 gallons
36 in.	1700 lbs.	122 gallons

Ball Sizes

Shade Tree	
Caliper	Ball Diameter
1.25 in.	19-21 in.
1.5 in.	21-23 in.
1.75 in.	22-24 in.
2 in.	24-26 in.
2.5 in.	28-30 in.
3 in.	32-36 in.
3.5 in.	36-40 in.
4 in.	40-45 in.
4.5 in.	45-50 in.
5 in.	54-60 in.
6 in.	60-70 in.
7 in.	70-80 in.
8 in.	90 in.

Small Deciduous Trees & Shrubs	
Height	Ball Diameter
2 ft.	11-13 in.
3 ft.	13-15 in.
4 ft.	15-17 in.
5 ft.	17-19 in.
6 ft.	19-21 in.
7 ft.	21-23 in.
8 ft.	23-25 in.
10 ft.	25-28 in.

Upright Evergreens	
Height	Ball Diameter
18 in.	11-14 in.
2 ft.	14-16 in.
3 ft.	16-18 in.
4 ft.	18-21 in.
5 ft.	20-22 in.
6 ft.	22-24 in.
7 ft.	26-30 in.
8 ft.	30-34 in.
10 ft.	34-36 in.
12 ft.	36-40 in.
14 ft.	40-45 in.

Spreading, Globe Dwarf Evergreens	
Height	Ball Diameter
18 in.	11-13 in.
2 ft.	13-15 in.
2.5 ft.	15-17 in.
3 ft.	17-20 in.
3.5 ft.	20-22 in.
4 ft.	22-26 in.
5 ft.	26-30 in.
6 ft.	30-34 in.
7 ft.	34-40 in.

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