

City of Portsmouth Public Works 2026 tree availability

Conduct additional research into a tree of interest. Some varieties do not have an exact corresponding image, and what is provided is representative of the look of the tree.

The following images are publicly available online and are not owned by the City.

Large trees

- Shade trees
- Generally greater than 35' tall at full maturity
- Not suitable for sites with overhead utility lines
- Not generally suitable for sites with limited space and sunlight

Acer miyabei 'Morton'—State Street maple

50'H x 35'W; USDA zone 4; average/moist
soils; full sun/part shade; tolerates dry,
drought, wet



State Street® Maple

Acer miyabei 'Morton'

Zone: 4
Height: 50'
Spread: 35'
Shape: Upright
oval
Foliage: Dark
green
Fall Color: Yellow

Think of this Morton
Arboretum release
as a turbo-charged,
more hardy alterna-
tive to *A. camp-
estris*. Rough corky
bark and leaf shape
are similar to Hedge
Maple, but its stron-
ger growth rate and
ascending branch
habit result in a
larger mature size.
Excellent drought
and cold tolerance
and clean, pest-free
foliage.



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Alnus hirsuta ‘Harbin’— Prairie Horizon Manchurian alder

40’Hx30’W; USDA zone 4; average soils;
full sun/part shade; very tolerant to
drought and adaptable to soil types

NDSU OPEN-4 TREE REPRODUCTION

PRAIRIE HORIZON® MANCHURIAN ALDER - ALNUS HIRSUTA ‘HARBIN’ (RFM-33)

DESCRIPTION:

The most drought tolerant alder evaluated in NDSU trials. Rapid-growing, medium-sized tree with dark green leaves. Bark is gray and beech-like. Purple catkins and clusters of brown, cone-like strobiles add interest to the tree during winter. Tree mulching recommended. Prairie Horizon® will reach a semi-mature height of 30 feet in 15 to 20 years.

HARDINESS:

USDA Zones 3-7

MATURE SIZE:

Height 30'-40'; Spread 20'-30'

FORM (SHAPE):

Upright spreading habit

FOLIAGE:

Deciduous; Dark green leaves that turn yellow in fall

FLOWERS:

Purple catkins in spring

FRUIT:

Brown cone-like fruit (persistent through winter)

LIGHT PREFERENCES:

Full sun to full shade

SOIL PREFERENCES:

Not particular to soil type or pH

POTENTIAL USES OR APPLICATIONS:

Nursery stock, shelter, park, and specimen tree

PATENT STATUS:

- U.S. Trademark registered - Prairie Horizon®



Betula papyrifera
'Oenci'— **Renaissance
Oasis paper birch**

50'H x 30' W; USDA zone 3; moist/well-
draining soils; full sun/part shade;
increased resistance to birch borer



Zone: 3
Height: 50'
Spread: 35'
Shape: Oval
Foliage: Dark
green
Fall Color: Yellow

In cooler climates,
this is the most
permanent and
desirable of all white
barked birches. Slow
to turn white, but a
perfect chalk-white
when older. Beautiful
as a single stem tree
or clump form.

Paper Birch

Betula papyrifera



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Celtis occidentalis 'Chicagoland'— Chicagoland hackberry

50'H x 35'W; USDA zone 2; moist/average soil; full sun/part sun; tolerates drought, dry, wet, air pollution



Hackberry

Celtis occidentalis

Zone: 3
Height: 45'
Spread: 35'
Shape: Broad top with ascending, then arching branches
Foliage: Light green
Fall Color: Yellow

Tolerant of harsh climatic conditions as well as urban abuse, this deeply rooted North American native tree rarely lifts sidewalks. Adapted to high pH soils and periodic flooding, it also tolerates extremes of heat, cold and drought. Tough, corky bark adds visual interest and protects against damage.



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Cladrastis kentukea 'Perkins Pink'—Perkins Pink yellowwood

40'H x 35'W; USDA zone 4; moist/average soil; full sun; tolerates drought



Zone: 4
Height: 30'
Spread: 40'
Shape: Round
Foliage: Bright green
Fall Color: Brilliant yellow
Flowers: White, in long clusters, fragrant

Slowly cascades of fragrant white pea-like blooms are spectacular in May and June. Compound leaves and arching branches give an elm-like shape to this urban-tolerant native shade tree.

Yellowwood

Cladrastis kentukea



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Corylus colurna— Turkish filbert

50'H x 30'W; USDA zone 4; full sun/part sun; rich/moist soil; tolerates drought, normal soils



Turkish Hazelnut
Corylus colurna

Height: 45 feet

Spread: 20 feet

Sunlight: ☉

Hardiness Zone: 4b

Other Names: Turkish Filbert, Turkish Hazel

Description:

A stately small tree with a formal pyramid shape, low maintenance, an excellent choice for home landscapes or boulevards; no one overwhelming ornamental feature but overall an excellent tree for landscape use.

Ornamental Features

Turkish Hazelnut is primarily valued in the landscape for its distinctively pyramidal habit of growth. It has dark green deciduous foliage. The wrinkled round leaves turn yellow in fall.

Landscape Attributes

Turkish Hazelnut is a deciduous tree with a distinctive and refined pyramidal form. Its average texture blends into the landscape, but can be balanced by one or two finer or coarser trees or shrubs for an effective composition.

This is a relatively low maintenance tree, and is best pruned in late winter once the threat of extreme cold has passed. It is a good choice for attracting squirrels to your yard. It has no significant negative characteristics.

Turkish Hazelnut is recommended for the following landscape applications:

- Shade
- Vertical Accent

Planting & Growing

Turkish Hazelnut will grow to be about 45 feet tall at maturity, with a spread of 20 feet. It has a low canopy with a typical clearance of 4 feet from the ground, and should not be planted underneath power lines. It grows at a medium rate, and under ideal conditions can be expected to live for 70 years or more.



Turkish Hazelnut
Photo courtesy of HoPS Plant Finder



Turkish Hazelnut leaf
Photo courtesy of HoPS Plant Finder

Ginkgo biloba 'Blagon—**Goldspire** ginkgo

40'H x 12'W; USDA zone 3; full sun; well-drained soils; adaptable to all soils, very tolerant of urban conditions



Goldspire Ginkgo
Ginkgo biloba 'Blagon'

Zone: 4
Height: 45'
Spread: 12'
Shape: Narrowly columnar
Foliage: Green
Fall Color: Bright golden yellow
Fruit: None observed

Introduced from France, this densely branched, slightly fastigate cultivar forms a narrow, symmetrical spire at a younger age than is typical of other columnar selections. Leathery fan-like foliage turns golden yellow in autumn.



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Gleditsia triacanthos 'Draves'—Street Keeper honeylocust

45'H x 20'W; USDA zone 3; full sun/part sun; average/drained soil; tolerates salt, heat, drought



Zone: 4b
Height: 45'
Spread: 20'
Shape: Narrow, strongly upright, tightly pyramidal
Foliage: Dark green, fine textured
Fall Color: Yellow

An ideal tree for city streets, this cultivar boasts the tight, narrow form that has long been lacking in urban tolerant honeylocust. The ascending branch structure gives Street Keeper® a canopy that is only half as wide as other cultivars. Foliage is deeper green than other selections.

Street Keeper® Honeylocust

Gleditsia triacanthos 'Draves' PP 21698



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Gymnocladus dioicus 'UMNSynergy'—True North Kentucky coffeetree

(Image is not for variety selection, though
is very similar)

60'H x 30'W; USDA zone 4; full sun;
moist/rich soils; tolerates drought, air
pollution, poor soils



Espresso™ Kentucky Coffee Tree
Gymnocladus dioicus 'Espresso-JFS'

Zone: 4
Height: 50'
Spread: 35'
Shape: Oval to vase with upright arching branches
Foliage: Huge doubly compound leaves, bluish-green
Fall Color: Yellow

Large, frond-like, doubly compound leaves form a canopy of dappled shade that gives this city-tough tree an airy, tropical feel. The arching branches of this seedless selection present an elm-like shape as the tree matures. Good tolerance of heat, drought, cold and alkaline soils.

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Magnolia acuminata— Cucumber magnolia

70'H x 60'W; USDA zone 3; full sun/ part shade; moist/rich/well drained soils



Virginia Tech Dendrology

cucumber tree Magnoliaceae *Magnolia acuminata* (L.) L.    symbol: MAAC

Leaf: Alternate, simple, elliptical or ovate, 6 to 10 inches long, pinnately veined, entire margin, acuminate tip, dark green above and paler, whitened below.

Flower: Species is monoecious; 2 1/2 to 3 inches long, high in the tree, green to greenish-yellow, appearing in late spring or early summer.

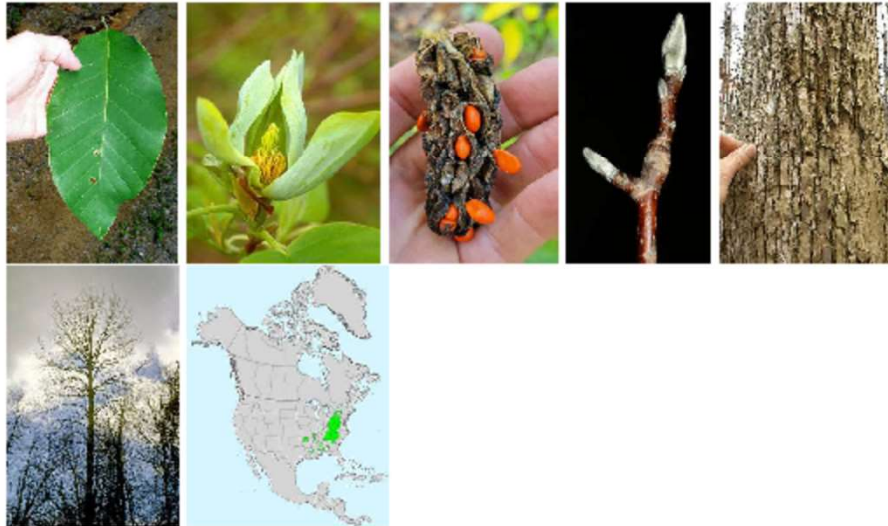
Fruit: An aggregate of follicles, 2 to 3 inches long, cylindrical, initially green (cucumber-like), then red, and later dark brown; seeds inside follicles are 1/2 inch long, nearly round, red when mature in the fall.

Twig: Moderately stout, red-brown, light lenticels; large, silky, white terminal bud, stipule scars encircle the twig. Twigs have a spicy-sweet smell when broken.

Bark: Light gray-brown and silky, quite soft (can dent with thumbnail), much darker reddish brown when flaked away.

Form: Pyramidal when young, developing a straight trunk and a rounded crown reaching up to 80 feet tall.

Looks like: pawpaw - umbrella magnolia - bigleaf magnolia - Fraser magnolia



Additional Range Information: *Magnolia acuminata* is native to North America. Range may be expanded by planting.

Download the full-size PDF map.

More Information: Fall Color - Wood

External Links: USDAFS Silvica of North America - USDA Plants Database - Horticulture Information - USDAFS Forest Products Lab

All material 2025 Virginia Tech Dept. of Forest Resources and Environmental Conservation; Photos and text by: John Sellar, Edward Jensen, Alex Niemera, and John Peterson; 89% reprinted from Ag Handbook 654; range map source information

Nyssa sylvatica 'David Odom'—**Afterburner black gum**

45'H x 20'W; USDA zone 4; full sun; acidic, well-drained soils; urban tolerant, adaptable



Afterburner® Tupelo

Nyssa sylvatica 'David Odom'

Zone: 5
Height: 35'
Spread: 20'
Shape: Upright
pyramidal to oval
Foliage: Bright
green, glossy
Fall Color: Bright
red
Fruit: Blue-black,
1/4"

Symmetrical, uniform and upright branch structure and straight central leader make this cultivar easier to grow and better suited than seedlings of the species for use as a street tree. High gloss foliage shines through the summer and then turns bright red in fall, burning brightly after most tupelo have defoliated.



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Platanus acerifolia
'Morton Circle'
**Exclamation! London
planetree**

55'H x 35'W; USDA zone 5; full sun;
average/wet soils; tolerates some shade,
air pollution



Exclamation!® Planetree

Platanus x acerifolia 'Morton Circle'

Zone: 5
Height: 55'
Spread: 35'
Shape: Upright
pyramidal
Foliage: Medium
green
Fall Color: Yellow

**DISEASE
RESISTANCE:**
Anthracnose and
powdery mildew

Near-perfect
symmetry
commands attention
in any landscape. A
carefree performer
on city streets, it
is urban tolerant,
anthracnose
resistant, and
moderately resistant
to powdery mildew.
A moderate growth
rate, light-fruiting
habit and resistance
to frost cracking are
additional reasons
to plant this

adaptable shade
tree.



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Quercus bicolor 'JFS-KW12'—American Dream oak

50'H x 40'W; USDA zone 4; full sun;
average/well-drained soils; resists mildew
and anthracnose, tolerates urban
conditions



American Dream® Oak

Quercus bicolor 'JFS-KW12' PP 23632

Zone: 4
Height: 50'
Spread: 40'
Shape: Broadly
pyramidal
Foliage: Bright
green, glossy
Fall Color: Yellow

Vigorous growing
and broadly pyra-
midal with excellent
density, this tree
shines with bright
green, glossy foli-
age. Selected for
strong resistance
to anthracnose and
powdery mildew,
the broad, hand-
some leaves turn
yellow and then
tawny brown as
they hold into early
winter.



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Quercus ellipsoidalis— Northern pin oak

55'H x 40' W; USDA zone 4; full sun;
average/well-draining soil; tolerates
drought and heat, urban, adaptable



Northern Pin Oak

Quercus ellipsoidalis

Zone: 4
Height: 55'
Spread: 40'
Shape: Broadly
pyramidal to oval
Foliage: Green
Fall Color: Red

Closely related
to Pin Oak, this
tree shares many
positive attributes
and is also more
tolerant of dry and
alkaline soils. Also
known as Hill's Oak,
its native range is
the northern mid-
west, but it can be
used more widely.



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Ulmus x 'Frontier'— Frontier elm

40'H x 30'W; USDA zone 4; full sun;
average/moist soils; tolerates drought, dry,
flooding, salt, wet; resistance to DED and
EES



Frontier Elm

Ulmus 'Frontier'

Zone: 5
Height: 40'
Spread: 30'
Shape: Vase
to oval
Foliage: Glossy
green
Fall Color:
Burgundy

**DISEASE
TOLERANCE:**
Dutch elm
disease and
phloem necrosis

'Frontier' features
beautiful reddish-
purple to
burgundy fall
color which
is particularly
long lasting. A
U.S. National
Arboretum
introduction, it is
a hybrid of
U. minor and *U.*
parvifolia.



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Small trees

- Ornamental trees
- Generally less than 35' tall at full maturity
- Suitable for sites with overhead utility lines
- Suitable for sites with limited space and sunlight
- Have features that are seasonally more attractive (flowers, etc.)

Amelanchier x grandiflora 'Princess Diana'—**Princess Diana serviceberry**

20'Hx15'W: USDA zone 3; average/moist
soils; full sun/part shade; tolerates variety
of soils

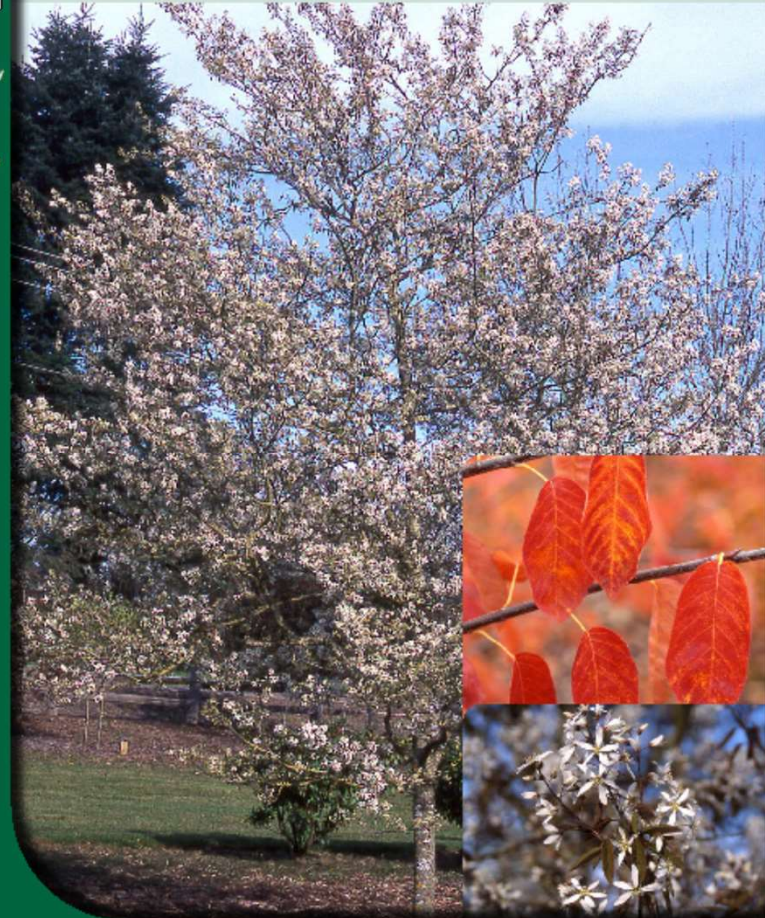


Zone: 3
Height: 20'
Spread: 15'
Shape: Gracefully
spreading
Foliage: Small,
green
Fall Color:
Brilliant red
Flower: White, in
clusters
Fruit: Edible,
purplish blue, 1/2"

A gracefully
spreading small
tree with excellent
fall color. Fall foliage
is spectacular,
coloring early and
lasting late in the
season.

Princess Diana Serviceberry

Amelanchier grandiflora 'Princess Diana'



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Amelanchier laevis 'JFS-Arb' PP15304/Spring Flurry—Spring Flurry serviceberry

35'H x 25'W; USDA zone 4; moist/average soil; full sun/part shade; tolerates wet, air pollution



Spring Flurry® Serviceberry

Amelanchier laevis 'JFS-Arb'

Zone: 4
Height: 28'
Spread: 20'
Shape: Upright
ova
Foliage: Medium green
Fall Color: Orange
Flower: White, in clusters
Fruit: Purplish blue, edible, 1/2"

A street tree Amelanchier! This Schmidt introduction has exceptional tree form. A dominant central leader supports strongly upward-oriented scaffold branches. Pure white blooms smother a delicate latticework of twigs in spring. These give way to healthy green foliage that turns orange in the fall.



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Carpinus betulus
'Lucas'—**Lucas**
European hornbeam
+ Carpinus betulus
fastigiata—
Pyramidal European
hornbeam

Lucas: 35'H x 10'W; USDA zone 5; average soils; full sun; very tolerant of urban conditions, drought

Fastigiata: 35'Hx25'W; USDA zone 5; average soils; full sun; very tolerant of urban conditions, drought



Zone: 5
Height: 30'
Spread: 10'
Shape: Narrow, columnar
Foliage: Dark green, thick
Fall Color: Brownish to golden yellow

Dense, tightly columnar form stays narrower than the widely planted 'fastigiata'. Thick, durable leaves turn from golden yellow to brown and provide winter interest by persisting through the winter months. Tolerates high pH and heavy soils and can be tightly sheared as a narrow hedge or screen.

Lucas Columnar Hornbeam

Carpinus betulus 'Lucas'



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Carpinus caroliniana 'JN Select'—Fire King American hornbeam

25'H x 20'W; USDA zone 3; moist/average soil; full sun/part shade/full shade; tolerates clay

JN Plant Selections, LLC Introduction

Fire King™ Musclewood

Carpinus caroliniana 'J.N. Select A' PP29969


JOHNSON'S NURSERY INC.™
262.252.4980 • Menomonee Falls, WI
www.jnplants.com

**H: 20' → S: 20' → Zone: 3
Full Sun to Full Shade**

As with all JN Musclewoods, this cultivar possesses the signature orange to red fall color with best results in full sun.

Fire King™ is a versatile choice. It tolerates full sun to full shade, is adaptable to many soil textures, and provides interest throughout the season. It's notable for having a vigorous growth rate, making it useful as a screen, specimen, shrub border, or understory tree.

The excellent branching habit of Fire King™ Musclewood requires minimal pruning for shape and plant health. It has no major insect or disease issues.

Fire King™ was selected by Mike Yanny in 2003.

**Growers Licenses Are Available From
Upshoot, LLC. Contact Maria Zampini
at maria@upshoot.com**



Plants Available at Johnson's Nursery
262.252.4980 or www.jnplants.com
For Availability and Pricing

Cercis canadensis— Eastern redbud

25'H x 30'W; USDA zone 4; full sun to part shade; average, well-draining soils; fantastic spring look

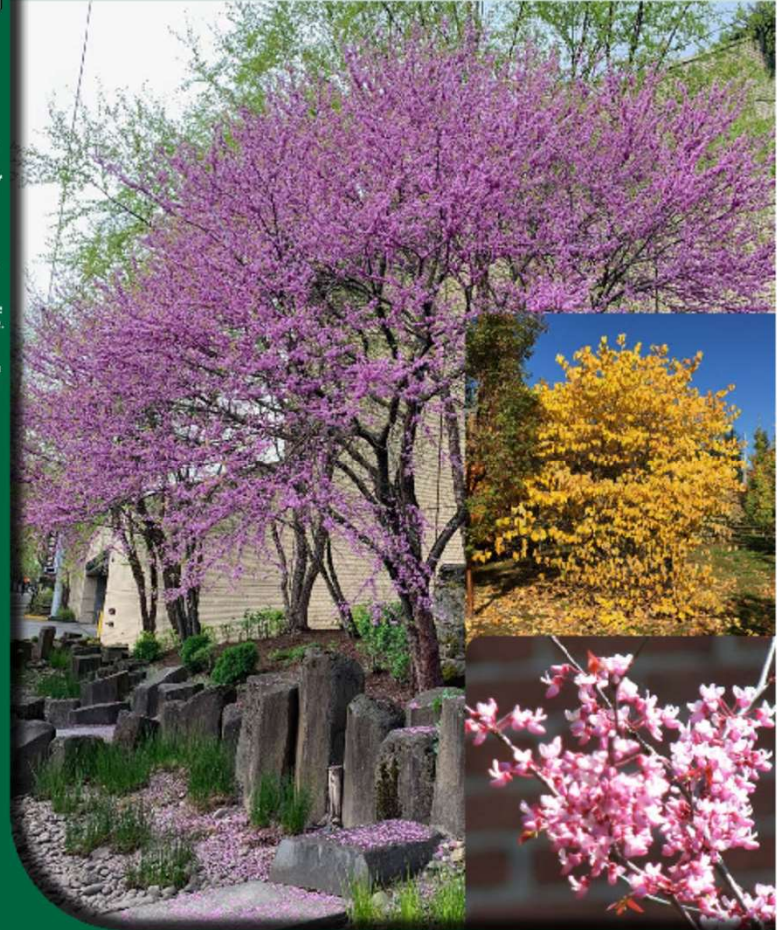


Eastern Redbud

Cercis canadensis

Zone: 5
Height: 25'
Spread: 30'
Shape: Multi-stem or low branching tree. Scarecrow flat-topace.
Foliage: Medium green
Fall Color: Yellow
Flower: Reddish purple in color, typical of when open

The profuse flowers that bloom in April or May before the leaves develop make this a spring favorite. It is attractive as a tree for naturalized garden areas or as a graceful addition to a small yard.



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Cornus kousa chinensis 'Galzam'— **Galilean dogwood**

25'H x 20'W; USDA zone 5; full sun/part
shade; average/well drained soil



Galilean® Dogwood

Cornus kousa chinensis 'Galzam'

Zone: 4
Height: 25'
Spread: 20'
Shape: Vase
Foliage: Dark
green
Fall Color:
Orange yellow
Flower: White
Fruit: Red

Large, hunter green
leaves emerge in
spring and are fol-
lowed in late spring
by extra-large white
flowers that smoth-
er the branches of
this robust-growing
tree. Red fruits
of late summer
resemble large
strawberries.



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Cornus mas 'JFS PN4Legacy' — Saffron Sentinel cornelian cherry

20'H x 15'W; USDA zone 6; full sun/part
sun; average/moist soils



Saffron Sentinel® Cornelian Cherry
Cornus mas 'JFS PN4Legacy'

Zone: 4
Height: 22'
Spread: 12'
Shape: Columnar
Foliage: Dark green
Fall Color: Dark reddish purple
Flower: Bright yellow
Fruit: Bright red
Bark: Dark brown, exfoliating

Bright yellow flowers emerge along winter-bare branches of this vigorous, symmetrical, columnar tree. Dark green foliage follows, remaining clean through the summer months before turning deep crimson in autumn. Tart and tasty bright red fruit ripens in late summer to early fall. Attractive dark brown bark exfoliates with age.



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Malus 'JFS-KW5' — Royal Raindrops crab apple

20'H x 20' W; USDA zone 4; full sun;
average/well drained soil; resistant to
fungal infections, is adaptable



Royal Raindrops® Crabapple

Malus 'JFS-KW5'

Zone: 4
Height: 20'
Spread: 15'
Shape: Upright
spreading
Foliage: Purple,
cutleaf
Fall Color:
Orange-red
Flower: Bright
pinkish red
Fruit: Red, 1",
persistent

**DISEASE
RESISTANCE:**
Scab: Excel.
Fireblight: Good
Cedar-Apple
Rust: Excel.
Mildew: Good

Bright pinkish red
flowers combine
with deep purple
cutleaf foliage to
present a unique
new crab. Deeply
lobed leaves and
upright form with
good branching and
density are inher-
ited from the Golden
Raindrops®
parent. Nursery
growth is outstand-
ing, and it displays
good to excellent
resistance to the
common diseases.










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Nyssa sylvatica 'M.O.N. 2'—Majestic black gum

25'H x 15'W; USDA zone 4; full sun; acidic, well-drained soils; urban tolerant, adaptable

Majestic® Black Gum *(Nyssa sylvatica 'M.O.N. 2')*

-  **Shade Tree**
-  **25' - 35' High**
-  **15' - 20' Spread**
-  **Growth Slow**
-  **4 + Hours**
-  **Red Fall Color
Glossy Foliage**
-  **Zone 4 - 9**



Majestic® Black Gum is a smaller variety of Black Gum with an upright growing habit. It has glossy green foliage will turn reddish orange to purple in the fall. Majestic® Black Gum can grow in wetter areas of the yard. A great tree to add color and interest to the yard.

Parrotia persica— Persian ironwood

(Image is not for variety selection, though is very similar)

30'H x 25'W; USDA zone 4; full sun;
average soils; tolerates wide range of soil
conditions



Persian Spire™ Parrotia

Parrotia persica 'JLColumnar' PP 24951

Zone: 5
Height: 25'
Spread: 10'
Shape: Columnar
to upright oval
Foliage: Green,
fine textured
Fall Color:
Orange, red,
yellow and
burgundy
Flower: Showy
red stamens

Unique for both its
form and fine tex-
ture, this strongly
upright tree is a
colorful choice for
hedges, screens and
formal street plant-
ings. Refined foliage
emerges purple and
matures to green
with purple tinted
margins that linger
into the summer
months. Fall color
is bright and long
lasting.



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Sorbus x hybrida 'Oak-leaf'—Oakleaf mountain ash

25'H x 20'W; full sun/part shade;
moist/well-drained soils; tolerates urban
soils



Oak-leaf Mountain Ash

Sorbus x hybrida

Zone: 3
Height: 30'
Spread: 20'
Shape: Upright
with ascending
branches, oval
head
Foliage: Lobed,
divided
Fall Color: Rust
Flower: White, in
clusters
Fruit: Red, in
clusters

Originating
as a hybrid in
Scandinavia, this
Mountain Ash has
an unusual leaf
similar to English
Oak, but divided to
the midrib near the
leaf base.



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Syringa reticulata
'Boulevard'—
Boulevard tree lilac
+ Syringa reticulata
'Summer Storm'—
**Summer Storm tree
lilac**

(Image is not for variety selection, though
is very similar)

Both Boulevard + Summer Storm: 20'H x
12'W; USDA zone 3; full sun;
average/moist soils; very adaptable



Ivory Silk® Japanese Tree Lilac
Syringa reticulata 'Ivory Silk'



Zone: 4
Height: 20'
Spread: 15'
Shape: Upright
spreading
becoming
rounded
Foliage: Dark
green
Flower: Creamy
white panicles

Frothy white flower
plumes of late
spring take center
stage at a time
when few other
trees are in bloom.
Hardy and adapt-
able, this sturdy,
small-stature shade
tree demands a
curtain call in
autumn when its
rich, golden-bronze
leaves stage a
command perfor-
mance. Once the
leaves have fallen,
the shaggy brown
bark of the trunk is
revealed.



**J. FRANK
SCHMIDT
& SON CO.**

P.O. Box 189 • Boring OR 97009
503-663-4128 • Fax 503-663-2121
Toll-Free 1-800-825-8202
www.jfschmidt.com

Tilia cordata 'Unique'— Unique linden

(Image is not for variety selection, though is very similar)

25'H x 15'W; USDA zone 3; Full sun;
average, well-draining soils; highly tolerant
of urban soils and stressors



Greenspire® Linden

Tilia cordata 'Greenspire'

Zone: 4
Height: 40'
Spread: 30'
Shape:
Pyramidal,
symmetrical
Foliage: Dark
green
Fall Color: Yellow

Introduced in 1961, this durable cultivar has become the standard of comparison among the Lindens. It has a strong central leader, very uniform branch arrangement and a symmetrical, pyramidal form.



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Zelkova serrata 'Zileration'—Zileration zelkova

30'H x 25'W; USDA zone 5; full sun;
average soils; very tolerant and adaptable



Zileration® Zelkova

Zelkova serrata 'JFS KW4ZS' PP 34818

Zone: 5
Height: 30
Spread: 25
Shape: Compact
vase
Foliage: Dark
green, fine tex-
tured
Fall Color: Rusty
orange

Selected for its
unusually
compact structure
and intermediate
size, this upright,
vase-shaped tree is
a better fit for
many landscape
settings than
typically larger
cultivars of the
species. Clean,
dark green summer
foliage, symmetrical
branching and a
dense canopy make
it a standout among
Zelkova cultivars.



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