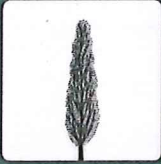


TREE**Spaeth's Alder** | *Alnus x spaethii***Plant description**

Spaeth's Alder is a rapid growing tree for streets, parks or landscapes. A nice alternative to *Fraxinus pennsylvanica*. Large leaves are serrated, coppery-purple in the spring and lustrous green in summer. Likes normal to moist soil but can tolerate dry conditions when established and will grow well in poor soils due to its nitrogen fixing ability. It is wind, salt and pollution tolerant. Widely used in Europe, it is a hybrid of Japanese Alder (*A. japonica*) and Caucasian Alder (*A. subcordata*) that is named after the botanist Franz Späth from Berlin, Germany.

Height: 40-65'**Spread:** 15-20'**Shape:** Broad pyramidal**Exposure:** Full Sun**Foliage:** Purple to glossy green**Fall Foliage:** Insignificant**Zone:** 4-7

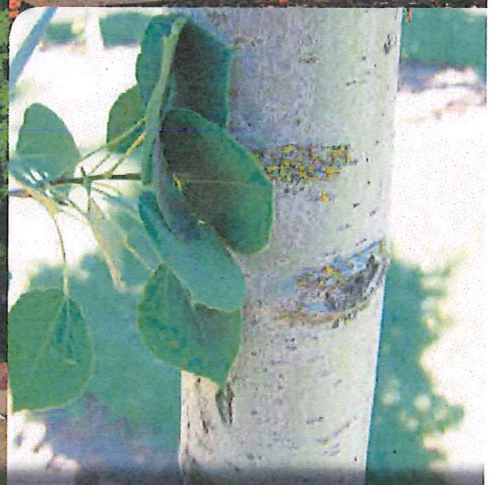
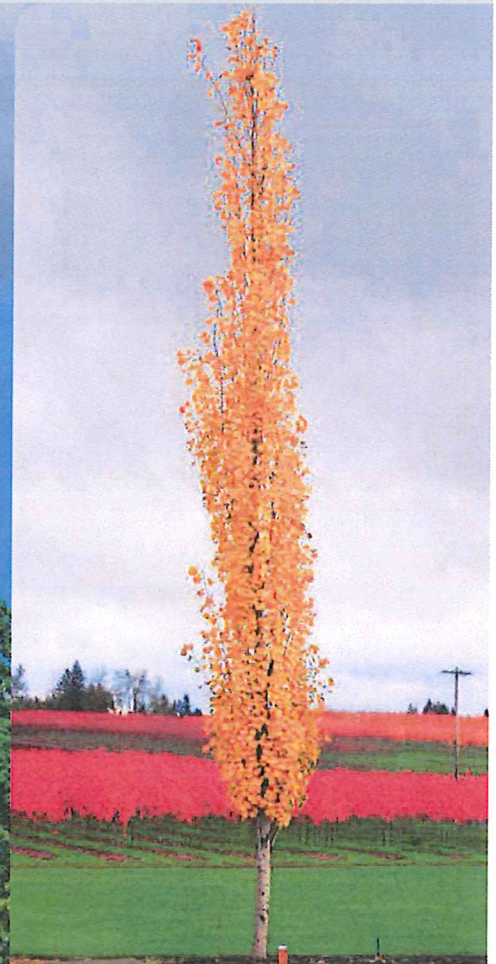


Mountain Sentinel™ Aspen

Populus tremuloides 'JFS-Column'

Zone: 3
Height: 35'
Spread: 8'
Shape: Narrow, fastigiate
Foliage: Green, trembles in breeze
Fall Color: Yellow

Our native aspen is now available in fastigiate form! Extremely narrow and upright, with ascending branches, it has the same silvery-gray bark, fluttering leaves, and golden yellow fall color, but in a much narrower form.



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Prairie Gold® Aspen

Populus tremuloides 'NE-Arb'

Zone: 4
Height: 30'
Spread: 15'
Shape: Narrow oval to pyramidal
Foliage: Light green, trembling in breeze
Fall Color: Golden yellow

Adapted to the heat, drought and humidity of the Midwestern prairie, this Nebraska native brings lowland adaptability and disease tolerance to a high elevation favorite. Introduced by Schmidt in cooperation with the Nebraska Statewide Arboretum, Prairie Gold® greatly expands the planting range of this mountain species.



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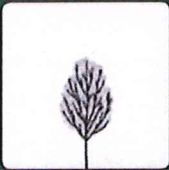
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Tall and slender Swedish Columnar Aspen is very hardy



Swedish Columnar Aspen (*Populus trichocarpa* 'Erecta') is probably the narrowest of the columnar trees that we grow. Rounded leaves suspended on long petioles tremble with the faintest whisper of wind, creating the same pleasant rustling sounds as the leaves of Quaking Aspen. Swedish Columnar Aspen grows to a height of 40 feet and spreads about 10 feet. A good substitute for Lombardy Poplar, it is seedless and hardy through [USDA Zone 2](#). It also thrives in milder climates, as evidenced by the tall specimen growing in our arboretum.

[Return to article index](#)



Red Barron Crabapple

Malus 'Red Barron'

Zone: 4
Height: 18'
Spread: 8'
Shape: Narrow, columnar
Foliage: Purple, maturing to bronze-green
Flower: Dark red
Fruit: Dark red, ½"

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

Ascending branch structure, narrow form and adaptability to urban conditions have earned Red Barron a place on our UtiliTrees™ list.



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Greenstone™ Elm

Ulmus davidiana 'JFS KW2UD'

Zone: 4
Height: 60'
Spread: 40'
Shape: Upright
vase
Foliage: Medium
green
Fall Color: Yellow

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

Through years of testing, this vigorous grower has proven to be the top performer among trees grown from seed collected at the Northern edge of its native range in China. Its strong branches with open angles develop into an upright vase shape resembling that of the classic American elm.



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Prospector Elm

Ulmus wilsoniana 'Prospector'

Zone: 4b
Height: 40'
Spread: 30'
Shape: Vase
Foliage: Deep green, glossy
Fall Color: Yellow

INSECT RESISTANCE:
Elm leaf beetle

DISEASE TOLERANCE:
Dutch elm disease and phloem necrosis

This cultivar forms a broadly vase shaped crown at an early age, and provides the form and toughness of the American Elm without its problems. Widely adaptable to climatic extremes. This National Arboretum introduction has proven to be widely adaptable to climatic extremes.



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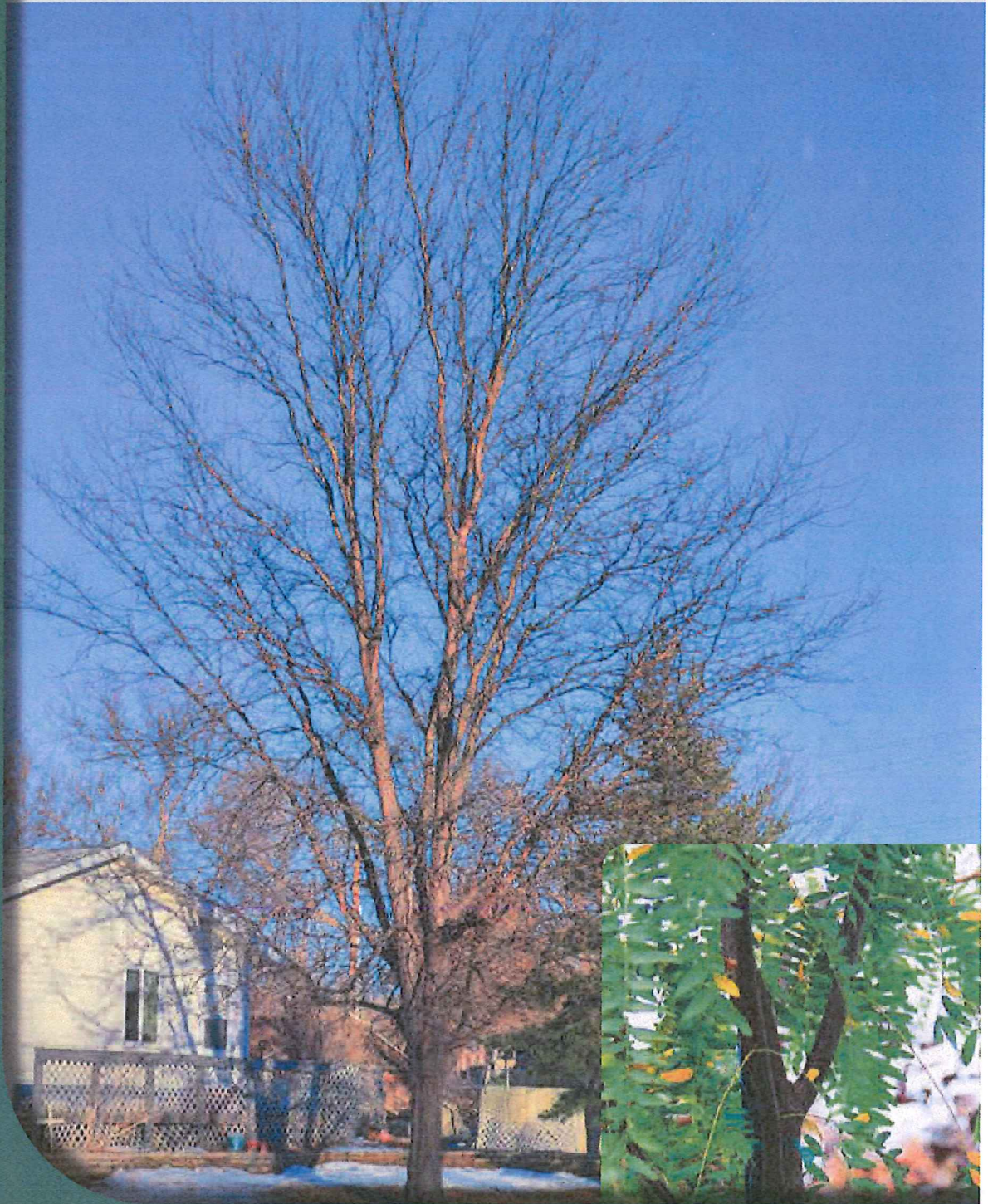


Northern Sentinel™ Honeylocust

Gleditsia triacanthos 'JFS GMorgenson1' | Part of the Sentinel® family of trees.

Zone: 4
Height: 45'
Spread: 25'
Shape: Upright vase to upright oval
Foliage: Fine textured, medium green
Fall Color: Yellow
Fruit: Sparse

Narrowly upright growth habit makes this storm resistant Honeylocust a great fit for street tree plantings where branches must be pruned up for traffic clearance. Found in South Dakota by plantsman Greg Morgenson, the parent has never been observed to have suffered ice or snow damage. Nor has it produced seed, although we can make no claim of its being seedless under all growing conditions.



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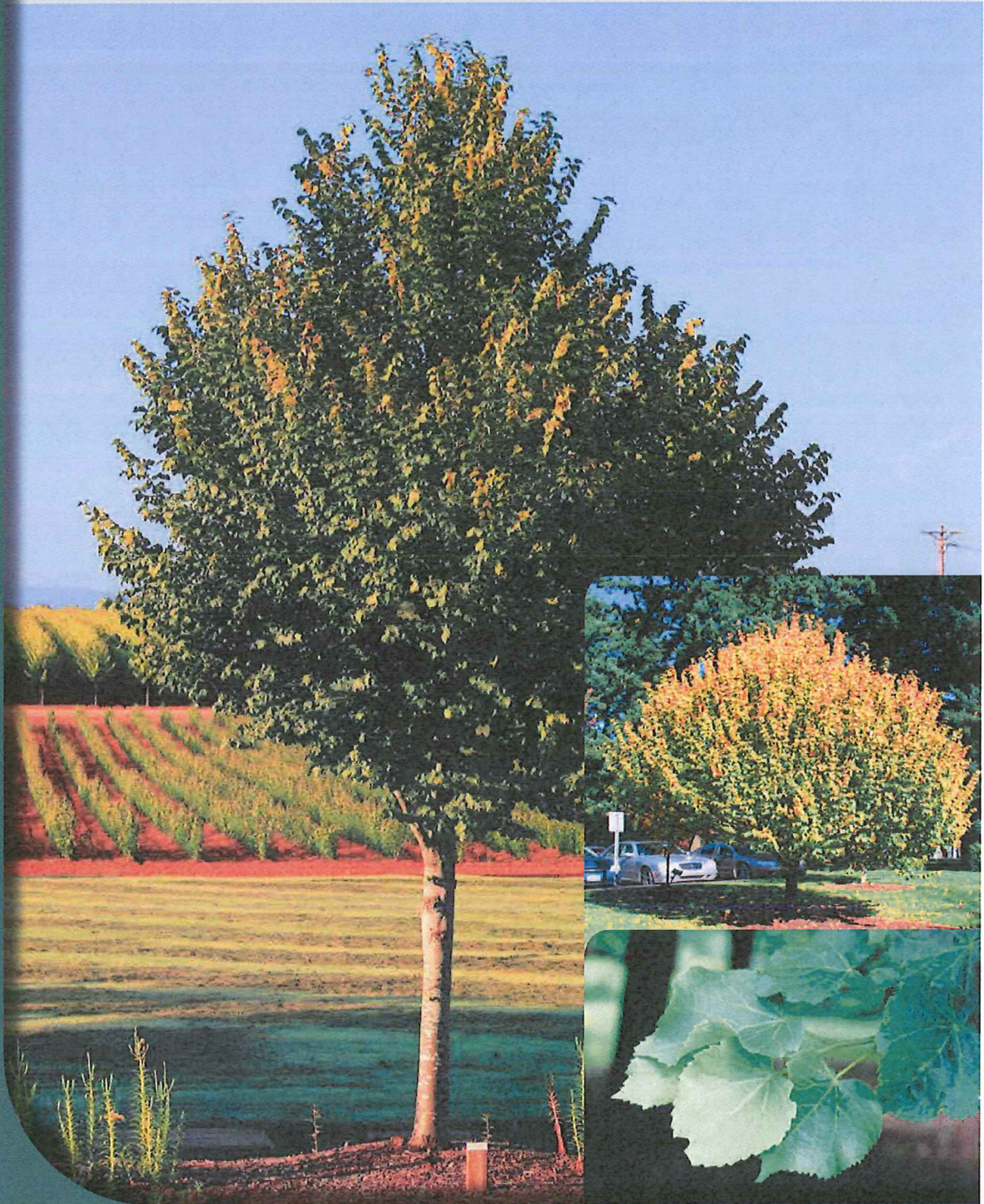


Summer Sprite® Linden

Tilia cordata 'Halka'

Zone: 4
Height: 20'
Spread: 15'
Shape: Dense, narrow pyramid, dwarf
Foliage: Green
Fall Color: Yellow

Perfect for confined city spaces, this natural semi-dwarf develops a dense and compact form with a rounded to upright oval shape and a sheared appearance.



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Sweet Street Linden | Knowledgebase | Johnson's Nursery

Johnson's Nursery

***Tilia americana* 'Kromm'**

Description & Overview

Sweet Street™ Linden is a wonderful narrow selection to add to a street planting or restricted planting site. The dark glossy leaves contrast with the fragrant yellow flowers giving way to beautiful yellow fall foliage and small nutlets. The slow-growing Linden variety offers many of the same characteristics as the native Basswood, allowing this tree to be incorporated into more landscapes.

Core Characteristics

Mature Height: 50 ft

Mature Spread: 25 ft

Growth Rate: Slow

Growth Form: Pyramidal, narrow

Light Requirements: Full Sun to Partial Shade

Site Requirements: Moist, well-drained soil

Flower: Fragrant yellow flowers

Bloom Period: July

Foliage: Glossy dark green, serrated margins

Fall Color: Yellow

Fruit Notes: Produces small nutlets just after flowering

Suggested Uses:

The Sweet Street™ Linden is an excellent choice of tree, ideally planted in a full sun location, the tree exhibits a narrow canopy making it a great choice for a smaller landscape with width restrictions—including use as a street tree or as a statement tree near a foundation. The Sweet Street™ Linden presents beautiful glossy green leaves complimented by small, fragrant, yellow flowers. The glossy green color of this Linden tends to persist much longer than other linden varieties.

There are many notable characteristics of the Sweet Street™ Linden, making it a desirable choice for many locations, including the narrow growth habit, sweet smelling flowers, small nutlets, and sweet nectar. You may also recognize this tree by its leaf structure- an asymmetrical base near the petiole; cordate shaped leaves, and acuminate tips with serrated margins – Common in Lindens and elms.



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 pyramidal with excellent density, this tree shines with bright green, glossy foliage. Selected for strong resistance to anthracnose and powdery mildew, the broad, handsome leaves turn yellow and then tawny brown as they hold into early winter.



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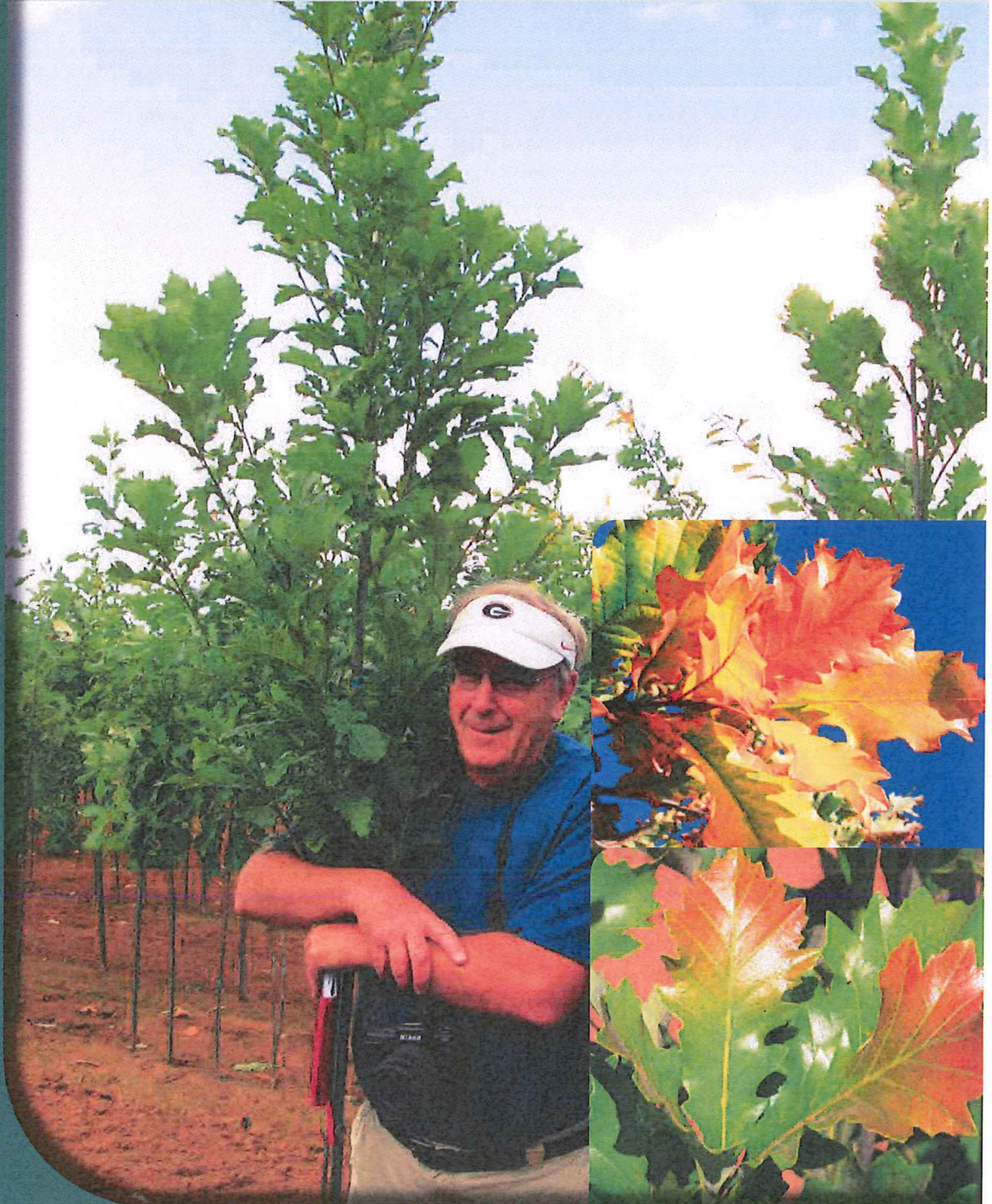


Beacon® Oak

Quercus bicolor 'Bonnie and Mike'

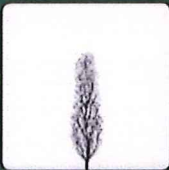
Zone: 4
Height: 40'
Spread: 15'
Shape: Narrowly columnar
Foliage: Green
Fall Color: Yellow

Tightly columnar and urban adaptable, this oak was discovered by famed plantsman Dr. Michael Dirr. The stout upright branching structure and dense green foliage make this an ideal street tree and provide a strong visual statement. Nice yellow fall color.



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Kindred Spirit® Oak

Quercus robur x bicolor 'Nadler' PP 17604

Zone: 4
Height: 30'
Spread: 6'
Shape: Tightly columnar
Foliage: Medium green
Fall Color: Yellow to yellow-brown

Among the tightest of columnar trees, its growth habit, mildew and drought resistance, and tolerance of urban soils make this hybrid of English and swamp white oak ideal for narrow city streets. A sister seedling of Regal Prince®, the foliage is less glossy but the form is significantly tighter.



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White Shield Osage Orange

Maclura pomifera 'White Shield'

Zone: 5
Height: 35'
Spread: 35'
Shape: Upright spreading, rounded
Foliage: Glossy dark green
Fall Color: Yellow
Fruit: Fruitless
Thorns: Thornless

Both fruitless and thornless, this tough Midwest native was found in western Oklahoma by plantsman Steve Bieberich. The most thornless of the Osage Orange cultivars, this heat and drought tolerant tree has remarkably dark green, glossy foliage.



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Family: *Moraceae* (Willow) *Liquidambar*

Fraxinifera



Emerald Sentinel® Sweetgum

Liquidambar styraciflua 'Clydesform'

Zone: 5
Height: 30'
Spread: 12'
Shape: Narrowly pyramidal to columnar
Foliage: Dark green
Fall Color: Yellow orange to orange

Narrow and compact, with sturdy upright branches, this tree is ideal for busy city streets. Slower growing than most sweetgum, it is valued for not outgrowing its space.



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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,
3/8"

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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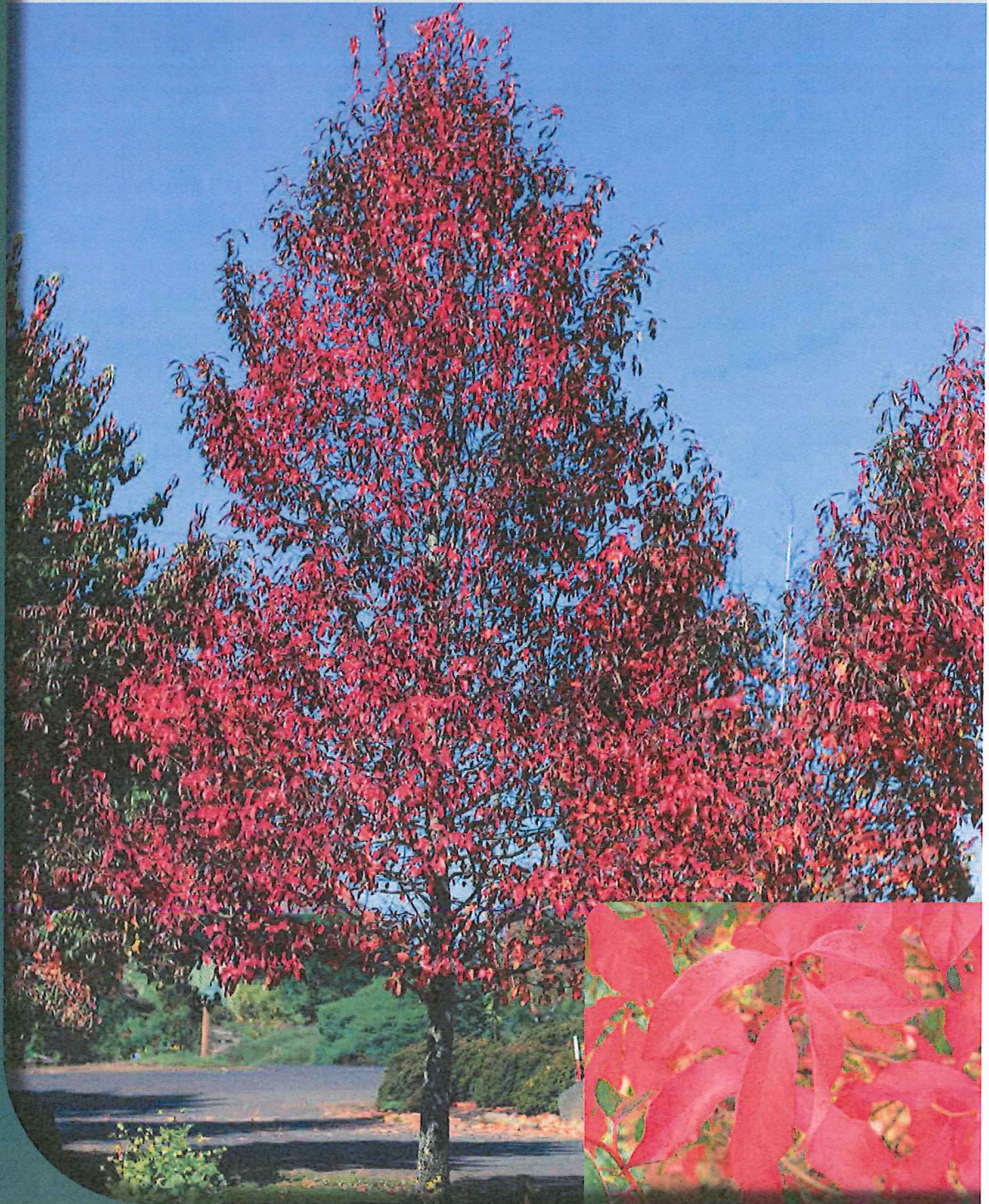


Firestarter® Tupelo

Nyssa sylvatica 'JFS-red' PP 26975

Zone: 5
Height: 35'
Spread: 18'
Shape: Narrow oval to upright oval
Foliage: Dark green
Fall Color: Bright red
Fruit: Seedless

Symmetrical, upsweeping branches and a strong central leader contribute to the remarkably neat and uniform appearance of this relatively narrow tupelo. Dark green foliage turns intensely bright red, coloring earlier in autumn than most cultivars.



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Gum Drop[®] Tupelo

Nyssa sylvatica 'JFS-PN Legacy1'

Zone: 5
Height: 30'
Spread: 20'
Shape: Upright oval
Foliage: Dark green, glossy
Fall Color: Bright red
Fruit: Seedless

Glossy dark green foliage, bright red autumn leaves and upright, oval form distinguish this standout tupelo selected from the fields of Princeton Nursery. Improved density and slightly compact form are reasons to choose it over highly variable trees grown from seed.



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Red Rage[®] Tupelo

Nyssa sylvatica 'Haymanred'

Zone: 5
Height: 35'
Spread: 20'
Shape: Broadly
pyramidal
Foliage: Dark
green, glossy
Fall Color: Bright
red
Fruit: Seedless

**DISEASE
RESISTANCE:**
leaf spot

Discovered by
plantsman Mike
Hayman in southern
Indiana, Red Rage[®]
features deep
green, high gloss
summer foliage that
resists leaf spot,
then turns bright
red with the onset
of fall weather.



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Yellowwood

Yellowwood is a medium- to large-sized tree, 30 to 50 feet high, with smooth bark, large hanging clusters of fragrant white flowers, and clear yellow fall color. Choose a yellowwood tree for excellent shade in a small- to medium-sized landscape. Note that the branches of the yellowwood are highly susceptible to ice storm damage. It was formerly known as *Cladrastis lutea*.



Botanical name: *Cladrastis kentukea*

All common names: Yellowwood, American yellowwood

Family (English): Pea

Family (Botanic): Fabaceae (formerly Leguminosae)

Planting Site: Residential and parks, City parkway, Wide median

Tree or Plant Type: Tree

Foliage: Deciduous (seasonally loses leaves)

Native Locale: North America

Landscape Uses: Parkway/street, Patio/sidewalk, Shade tree, Specimen

Size Range: Large tree (more than 40 feet), medium tree (25-40 feet)

Mature Height: 30-50 feet

Mature Width: 40-55 feet

Light Exposure: Full sun (6 hrs direct light daily)

Hardiness Zones: Zone 4, Zone 5 (Chicago), Zone 6, Zone 7, Zone 8

Soil Preference: Moist, well-drained soil

Tolerances: Dry sites, Wet sites, Alkaline soil, Clay soil, Road salt

Acid Soils: Tolerant

Alkaline Soils: Tolerant

Salt Spray: Moderately Tolerant

Soil Salt: Moderately Tolerant

Drought Conditions: Moderately Tolerant

Poor Drainage: Moderately Tolerant

Planting Considerations: Highly susceptible to ice damage, May be difficult to find in nurseries, Weak wood and branch structure

Ornamental Interest: Spring blossoms, Fall color, Fragrant flowers, Persistent fruit/seeds, Showy flowers, Attractive bark

Seasons of Interest: late spring, early fall, mid fall

Flower Color & Fragrance: Fragrant, White

Shape or Form: Round

Growth Rate: Moderate