

Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Acer campestre Streetside® ('JFS-Schichtel2') Hedge Maple <i>DECIDUOUS SHADE TREE; dark green summer foliage turns yellow in fall; upright oval heads to about 35' tall by 18' wide; tolerates heavy shearing for hedging; tolerates urban conditions; locate in full sun to partial shade & about any well-drained soil; native to Europe & western Asia; Zones (4) 5 - 8</i>		2" c 2.5" c	B&B B&B	
Acer x Crimson Sunset® ('JFS-KW202') Redleafed Hybrid Shantung Maple; Redleafed Hybrid Purpleblow Ma <i>DECIDUOUS SHADE TREE; inconspicuous yellow flowers in early spring; purple spring foliage is maintained all summer before turning reddish-bronze in fall; compact upright pyramidal or oval habit to about 35' tall by 25' wide; very tolerant of summer heat not suitable to other purple foliage plants; locate in full sun to minimal shade & just about any soil pH with reasonable drainage; Asian / European cross [A. truncatum x A. platanoides] (Warren / Schmidt) Zones 4 - 9</i>		1.25 - 1.75" c 1.5" c 1.75" c 2" c	25g B&B B&B B&B	
Acer freemanii Autumn Blaze® ('Jeffersred') Freeman Maple <i>DECIDUOUS SHADE TREE; minimal small inconspicuous red to yellowish-green flowers; orange-red to scarlet red fall foliage; broadly upright habit to about 55' tall by 40' wide at maturity; adaptable to a wide range of conditions; tolerates extended wet soils; locate in full sun or light shade & most any soil regardless of acidity or moisture but not continually wet; native US cross [A. rubrum x A. saccharinum] (Jeffers) Zones 3 - 7</i>		1.5" c 1.75" c 1.75" c 2" c 2.5" c 3" c 3.5" c 4" c 4.5" c	B&B 25g B&B B&B B&B B&B B&B B&B B&B	
Acer ginnala 'Ruby Slippers' <i>see: Acer tataricum subsp. ginnala 'Ruby Slippers'</i>				
Acer griseum CLUMP Paperbark Maple <i>DECIDUOUS ORNAMENTAL TREE; inconspicuous yellowish spring flower yields approx. 2" long samaras; showy exfoliating bark is usually cinnamon to orange; green summer foliage usually turns shades of red in the fall; variable growth & branching reaching to about 25' tall & wide; branching starts at the ground & sometimes with multiple main trunks; tolerates alkaline & clay soil; not drought tolerant; locate in full sun to partial shade (preferred) & most soils with good to moderate drainage; PHS Gold Metal; Chinese native; Zones 4 - 8</i>		5'	B&B	
Acer griseum TREE FORM Paperbark Maple <i>DECIDUOUS ORNAMENTAL TREE; inconspicuous yellowish spring flower yields approx. 2" long samaras; showy exfoliating bark is usually cinnamon to orange; green summer foliage usually turns shades of red in the fall; variable growth & branching reaching to about 25' tall & wide; usually a single trunk for 3' to 6'; tolerates alkaline & clay soil; not drought tolerant; locate in full sun to partial shade (preferred) & most soils with good to moderate drainage; PHS Gold Metal; Chinese native; Zones 4 - 8</i>		1.5" c 2" c 2.5" c	B&B B&B B&B	
Acer platanoides 'Royal Red' Redleaf Norway Maple <i>DECIDUOUS SHADE TREE; masses of non-ornamental yellowish flowers before the foliage; profuse 2" light green samaras in early summer; dark burgundy-red foliage all spring and summer; compact rounded head reaching about 40' tall & wide; attracts pollinators; tolerates drought & air pollution; shallow root system & dense shade makes under-planting of most plants difficult; considered invasive in many areas; locate in full sun to partial shade & any soil with adequate drainage; European native; Zones (3) 4 - 7</i>		3" c	B&B	

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Acer pseudosieboldianum <p style="text-align: right;">CLUMP</p> Korean Maple; Purplebloom Maple <i>DECIDUOUS ORNAMENTAL TREE; small purple flowers aren't ornamentally significant; small broadly upright habit to as much as 25' tall & wide; similar look to A. palmatum & A. japonicum; dark green summer foliage turns shades of yellow, orange & red in fall; not drought tolerant; locate in full to partial sun with moist well-drained soil; Asian native; Zones 4 - 8</i>		4'	25g	
Acer rubrum 'Armstrong' Columnar Red Maple; Columnar Swamp Maple <i>DECIDUOUS SHADE TREE; small reddish-green flowers before the foliage; variable reddish to reddish-orange fall foliage; silvery-gray bark; columnar habit to about 60' tall by 20' wide; locate in full sun & most any soil regardless of acidity or moisture but not wet; native US cross [A. rubrum x A. saccharinum] Zones 3 - 9</i>		2" 2.5"	B&B B&B	
Acer rubrum Armstrong Goldâ„¢ ('JFS-KW78') <p style="text-align: right;">LOW BRANCHED</p> Columnar Red Maple <i>DECIDUOUS SHADE TREE; narrow upright habit to about 40' by 12' in 30 years; finer textured foliage & greater branch density than 'Armstrong'; rich green summer foliage turns gold to golden orange in fall; locate in full sun & most any soil regardless of acidity or moisture but not wet; US native (Schmidt / Warren) Zones 4 - 9</i>		1.5" 1.75" 2"	25g B&B B&B B&B	
Acer rubrum Armstrong Goldâ„¢ ('JFS-KW78') <p style="text-align: right;">TREE FORM</p> Columnar Red Maple <i>DECIDUOUS SHADE TREE; narrow upright habit to about 40' by 12' in 30 years; finer textured foliage & greater branch density than 'Armstrong'; rich green summer foliage turns gold to golden orange in fall; locate in full sun & most any soil regardless of acidity or moisture but not wet; US native (Schmidt / Warren) Zones 4 - 9</i>		1.75" 1.5" hvy	10g 25g 10g	N
Acer rubrum 'October Glory' Red Maple; Swamp Maple <i>DECIDUOUS SHADE TREE; small dark red flowers in early spring; brilliant orange-red to red fall foliage; the last A. rubrum to color in fall; broad oval head to about 50' tall & about as wide; locate in full sun & moisture retentive well-drained slightly acidic soil; not as cold hardy as Red Sunset; US native (Flemer) Zone 5 - 9</i>		1.5" 1.75" 2" 2.5" 4"	B&B B&B B&B B&B B&B	
Acer rubrum Red Sunset® ('Franksred') Red Maple; Swamp Maple <i>DECIDUOUS SHADE TREE; small dark red flowers in early spring; pyramidal to rounded head to about 50' tall; showy orange to red fall foliage; locate in full sun & moisture retentive well-drained slightly acidic soil; US native; not as drought tolerant as most other cultivars (Schmidt) Zones 4 - 9</i>		2" 2.5" 3" 3.5"	B&B B&B B&B B&B	
Acer rubrum Redpointe® ('Frank Jr') Red Maple; Swamp Maple <i>DECIDUOUS SHADE TREE; small dark red flowers in early spring; rapid growing broadly pyramidal habit to about 45' tall by 30' wide with dominant central leader; dark green summer foliage turns bright red in early fall; locate in full sun & moisture retentive well-drained slightly acidic soil; US native (Schmidt) Zones 4 - 9</i>		1.75" 1.75" 2" 2.5" 3" 4" 2" hvy	15g B&B B&B B&B B&B B&B 25g	
Acer saccharum Fall Fiesta® ('Bailsta') Sugar Maple <i>DECIDUOUS SHADE TREE; thick glossy green summer foliage resists leaf tatter & leafhopper damage; fall foliage is more red & orange than most other cultivars; rapid upright grower to about 60' tall by 50' wide; locate in full sun or partial shade & well-drained organic soil; not tolerant of compacted soils deicing salt reflected heat or restricted root zones; US native (Bailey) Zones 4 - 7</i>		1.5" 1.75" 2" 3.5"	25g B&B B&B B&B B&B	

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Acer saccharum 'Green Mountain' Sugar Maple <i>DECIDUOUS SHADE TREE; thick matt-green foliage resists scorch & leaf tatter; variable yellow to orange fall foliage; oval to rounded head reaching about 70' tall by 50' wide; heat resistant cultivar; locate in full sun or partial shade & well-drained organic soil; not tolerant of compacted soils deicing salt reflected heat or restricted root zones; may be a cross with A. nigrum; US native (Flemer) Zones 4 - 8</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
Acer saccharum Powder Keg® ('Whit XLIX') Sugar Maple <i>DECIDUOUS SHADE TREE; leathery green summer foliage turns orange-red in fall; compact upright habit to 35' tall by 25' wide in time; locate in full sun or partial shade & well-drained organic soil; not tolerant of compacted soils deicing salt reflected heat or restricted root zones; US native (Lacebark) Zones 5 - 9</i>		1.5" c	B&B	_____
Acer tataricum subsp. ginnala 'Ruby Slippers' Amur Maple <i>DECIDUOUS SHADE TREE; persistent bright red samaras in profusion in June; glossy green summer foliage turns shades of yellow & green in fall; compact rounded heads to 25' high & wide; good under utility lines; locate in full sun to light shade & moist well-drained soil of any acidity; Asian native (Princeton Ns) Zones 3 - 8</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 3.5" c 4" c 4.5" c	B&B B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____ _____
Acer triflorum Three-flower Maple <i>DECIDUOUS SHADE TREE; medium sized slow growing shade tree to about 30' tall & wide with a rounded head; dark green summer foliage turns shades of red & orange in late October; tan bark exfoliates in vertical strips revealing orange-brown inner bark; pest resistant; locate in full sun or partial shade & moisture retentive acidic well-drained soil; Asian native; Zones (4) 5 - 7</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
Acer truncatum Main Street® ('WF-AT1') Shantung Maple; Purpleblow Maple <i>DECIDUOUS SHADE TREE; compact oval heads reaching up to 30' tall by 25' wide; spring foliage emerges purplish before turning medium green by summer then consistent orange-red in fall; good heat & drought tolerance for urban areas; locate in full sun or light to partial shade & acidic well-drained moisture retentive soil; native to China (Worthington) Zones 4 - 8 (9)</i>		1.75" c	B&B	_____
Aesculus glabra Ohio Buckeye <i>DECIDUOUS SHADE TREE; upright greenish-yellow panicles to 12" tall in mid-spring can have unpleasant aroma; brown seed pod follows; bright green summer foliage usually turns fragrant & yellow in fall but sometimes there are shades of orange & red; variable wide-spreading habit (shrub or tree) from 20-40' tall & wide; attracts hummingbirds & butterflies; tolerates rabbits & Black Walnut; not drought tolerant; has taproot; locate in full sun to light shade & rich organic slightly acidic well-drained moisture retentive soil; US native; Zones 4 - 8 (9)</i>	TREE FORM	1.5" c 1.75" c	B&B B&B	_____ _____
Aesculus glabra Early Glowâ„¢ ('JN Select') Ohio Buckeye <i>DECIDUOUS SHADE TREE; upright greenish-yellow panicles to 12" tall in mid-spring can have unpleasant aroma; minimal brown seed pods follows; bright green summer foliage turns fragrant bright red in fall before the species; upright spreading habit to about 45' tall by 25' wide; attracts hummingbirds & butterflies; resists leaf blotch & leaf scorch; tolerates urban conditions, rabbits & Black Walnut; not drought tolerant; has taproot; locate in full sun to light shade & rich organic slightly acidic well-drained moisture retentive soil; US native (Yanney) Zones (3) 4 - 8 (9)</i>		1.5" c 2" c 3" c 3.5" c	B&B B&B B&B B&B	_____ _____ _____ _____

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Aesculus parviflora Bottlebrush Buckeye <i>DECIDUOUS FLOWERING SHRUB; upright white panicles to 12" tall in early summer; shrubby wide-spreading habit to 10' high; suckering shrub that can get as wide as allowed; locate in full sun to light shade & rich organic slightly acidic well-drained moisture retentive soil; PHS Gold Metal; southeast US native; Zones 4 - 8 (9)</i>	BUSH	3' 4'	B&B B&B	_____
Amelanchier alnifolia Standing Ovation® ('Obeslsk') Columnar Saskatoon Serviceberry; Columnar Juneberry <i>DECIDUOUS ORNAMENTAL TREE; profuse white flowers lead to dark purple edible fruit in June; upright habit to about 15' tall by 4' wide; dark green oval summer foliage turns shades of orange & red in fall; somewhat deer browse resistant; very drought tolerant when established; locate in full sun or light shade & most soil types & acidity; native to north central US & Canada; Zones 2 - 7 (8)</i>			15g	_____
Amelanchier x grandiflora 'Autumn Brilliance' Apple Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; white flowers in April before the foliage; edible blue-black fruit matures in June; foliage resists leaf spot & turns showy shades of orange & red in fall; bushy broadly upright upright habit to about 25' tall & wide; stoloniferous; locate in full sun to partial shade & moist well-drained acidic soil; native US cross [A. arborea x A. laevis] (Wandell) Zones 4 - 9</i>	CLUMP	3.5' 5' 5' 6' 7'	15g 25g B&B B&B B&B	_____ _____ _____ _____ _____
Amelanchier x grandiflora 'Autumn Brilliance' Apple Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; white flowers in April before the foliage; edible blue-black fruit matures in June; foliage resists leaf spot & turns showy shades of orange & red in fall; bushy broadly upright upright habit to about 25' tall & wide; trained to a single trunk; stoloniferous; locate in full sun to partial shade & moist well-drained acidic soil; native US cross [A. arborea x A. laevis] (Wandell) Zones 4 - 9</i>	TREE FORM	1.5" 1.75"	B&B B&B	_____ _____
Amelanchier laevis Lustre® ('Rodgers') Alleghany Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; profuse white flowers; persistent orange-red fall foliage; upright open habit to 25' by 15' wide; minimal suckering; locate in full sun or light shade; soil & pH adaptable; US native; Zones 4 - 8</i>		1.25" 1.5" 1.75"	15g 10g 25g	_____ _____ _____
Amelanchier laevis Spring Flurry® ('JFS-Arb') Alleghany Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; lightly fragrant large profuse clusters of small white flowers in April; sweet purplish-blue edible fruit in June; green summer foliage turns shades of orange in fall; upright oval habit to about 30' tall by 20' wide; bred to develop into a single stem tree with a dominant single leader; locate in full sun or light shade & pH adaptable well-drained soil; US native; Zones 4 - 8</i>		1.25" 1.5" 1.5" 1.75" 1.75"	15g 10g B&B 25g B&B	_____ _____ _____ _____ _____
Asimina triloba Common Pawpaw <i>DECIDUOUS FLOWERING TREE; purple flower in May just before the new foliage; large yellowish-green edible custard-like fruit in late summer tastes almost like a banana or mango; medium green summer foliage in groups of 3 turns yellow in fall; somewhat open understory tree to about 20' high & wide; highly resistant to deer browse; locate in full sun or shade & moist to wet soils, although is being seen in dryer sites; eastern US native; Zones 5 - 8</i>		1.5" 1.75" 2" 2.5" 3"	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____

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Betula nigra Heritage® ('Cully') <p style="text-align: right;">CLUMP</p> River Birch <i>DECIDUOUS ORNAMENTAL TREE; insignificant flowers are brown (male) or green (female) catkins in spring; creamy-tan bark exfoliates at an early age; dark green summer foliage turns variable shades of yellow in fall; broadly upright habit to about 45' tall by 30' wide; 3 or more main trunks; resists drought, leaf spot & borers; tolerates wet soils; fall dig hazard; locate in full sun or minimal shade & moist acidic soil; supposedly improved selection of original Heritage; US native (Cully) Zones 3 - 9</i>		8'+ 10 - 12' 12 - 14' 14 - 16'	25g B&B B&B B&B	_____ _____ _____ _____
Betula nigra Heritage® ('Cully') <p style="text-align: right;">TREE FORM</p> River Birch <i>DECIDUOUS ORNAMENTAL TREE; insignificant flowers are brown (male) or green (female) catkins in spring; creamy-tan bark exfoliates at an early age; dark green summer foliage turns variable shades of yellow in fall; broadly upright habit to about 45' tall by 30' wide; resists drought, leaf spot & borers; tolerates wet soils; fall dig hazard; locate in full sun or minimal shade & moist acidic soil; supposedly improved selection of original Heritage; US native (Cully) Zones 3 - 9</i>		2" c 2.5" c 3" c 3.5" c 4" c 4.5" c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Betula nigra Northern Tribute™, ♂ ('Dickinson') River Birch <i>DECIDUOUS ORNAMENTAL TREE; ivory bark with coppery exfoliation on mature stems; dark green summer foliage that turns a good yellow in fall; upright oval habit to about 35' tall by 30' wide; tolerant of more cold, drought & alkaline soils than seedling River Birch; fall dig hazard; locate in full or minimal shade & a wide range of soils; US native (Herman) Zones 3 - 9</i>		3.5" c	B&B	_____
Carpinus betulus 'Fastigiata' <p style="text-align: right;">HIGH BRANCHED</p> Columnar European Hornbeam <i>DECIDUOUS ORNAMENTAL TREE; yellowish-green catkins in early spring; medium green summer foliage turns yellowish then tan by winter; columnar habit when young matures to about 40' tall & about 30' wide; good for hedging as it takes shearing well & the foliage is often retained through winter - especially in protected locations; branching normally starts about 4' above the ground; locate in full sun or part shade & any soil with moderate drainage; native to Europe & Asia Minor; Zones 5 - 8</i>		2" c 2.5" c 3" c 3.5" c 4" c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
Carpinus betulus 'Fastigiata' <p style="text-align: right;">LOW BRANCHED</p> Columnar European Hornbeam <i>DECIDUOUS ORNAMENTAL TREE; yellowish-green catkins in early spring; dark green summer foliage turns yellowish then tan by winter; columnar habit when young matures to about 40' tall & about 30' wide; good for hedging as it takes shearing well & the foliage is often retained through winter - especially in protected locations; branching starts at or near the ground; locate in full sun or part shade & any soil with moderate drainage; native to Europe & Asia Minor; Zones 5 - 8</i>		1.75" c 2" c 3.5" c	B&B 25g B&B	_____ _____ _____
Carpinus betulus 'Franz Fontaine' Columnar European Hornbeam <i>DECIDUOUS ORNAMENTAL TREE; yellowish-green catkins in early spring; medium green summer foliage turns yellowish then tan by winter; narrower columnar habit that's supposed to stay that way when matures; Franz can't read so also gets about 40' tall & about 30' wide; good for hedging as it takes shearing well & the foliage is often retained through winter - especially in protected locations; branching starts at or near the ground; locate in full sun or part shade & any soil with moderate drainage; native to Europe & Asia Minor; Zones 5 - 8</i>		2" c	B&B	_____

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Carpinus caroliniana <p style="text-align: right;">CLUMP</p> American Hornbeam; Ironwood; Musclewood		7'	B&B	_____
Carpinus caroliniana <p style="text-align: right;">LOW BRANCHED</p> American Hornbeam; Ironwood; Musclewood <i>DECIDUOUS SHADE TREE; inconspicuous white (female) or green (male) catkins in early spring; new foliage emerges with purplish tints before maturing to dark green by summer then variable shades of yellow orange or red in fall; smooth irregularly fluted gray bark; slow broadly upright habit to about 30' tall & wide; tolerant of heavy shearing & Black Walnut; branching starts at or near the ground; locate in full sun or full shade & just about soil condition; US native; Zones 3 - 9</i>		7'	B&B	_____
Carpinus caroliniana <p style="text-align: right;">TREE FORM</p> American Hornbeam; Ironwood; Musclewood <i>DECIDUOUS SHADE TREE; inconspicuous white (female) or green (male) catkins in early spring; new foliage emerges with purplish tints before maturing to dark green by summer then variable shades of yellow orange or red in fall; smooth irregularly fluted gray bark; slow broadly upright habit to about 30' tall & wide; tolerant of heavy shearing & Black Walnut; branching starts about 4' above the ground; locate in full sun or full shade & just about soil condition; US native; Zones 3 - 9</i>		2" 2.5"	B&B B&B	_____ _____
Carpinus caroliniana Fire King[®] (JM Select A') American Hornbeam; Ironwood; Musclewood <i>DECIDUOUS SHADE TREE; inconspicuous white (female) or green (male) catkins in early spring; rounded heads to about 20' tall & wide; consistent orange-red fall foliage; smooth irregularly fluted gray bark; locate in full sun or full shade; very adaptable to many soil conditions including urban locations; US native (Yanny / Upshoot) Zones (3) 4 - 9</i>		1.5"	B&B	_____
Carpinus caroliniana Native Flame[®] (JFS-KW6') American Hornbeam; Ironwood; Musclewood <i>DECIDUOUS SHADE TREE; inconspicuous white (female) or green (male) catkins in early spring; new foliage emerges with purplish tints before maturing to dark green by summer then variable shades of yellow orange or red in fall; smooth irregularly fluted gray bark; slow broadly upright habit to about 30' tall & wide; tolerant of heavy shearing; branching starts at or near the ground; locate in full sun or full shade & just about soil condition; US native; Zones 3 - 9</i>		1.5"	25g	_____
Carpinus caroliniana Palisade[®] (CCSQU') Columnar American Hornbeam; Columnar Ironwood; Columnar Muscle <i>DECIDUOUS SHADE TREE; inconspicuous white (female) or green (male) catkins in early spring; dark green summer foliage turns shades of yellow in fall; smooth irregularly fluted gray bark; upright habit to about 30' tall by 15' wide; tolerant of heavy shearing; branching starts at about 4' above the ground; locate in full sun or full shade & just about soil condition; US native; Zones 3 - 9</i>		1.5" 1.75"	B&B B&B	_____ _____
Catalpa speciosa Heartland[®] (Hiawatha2') Northern Catalpa <i>DECIDUOUS SHADE TREE; showy 2" white flower clusters in large upright panicles in June or early July; long narrow brown seed pods in fall; large heart-shaped dark green summer foliage turns yellowish-green in fall; rapid growing upright somewhat columnar habit to about 50' tall by 25' wide; tolerates deer, wet & dry soil, air pollution & heavy soil; locate in sun or partial shade & just about any soil with reasonable drainage; US native (Schmidt) Zones 4 - 8 (9)</i>		2" 2.5" 3" 3.5"	B&B B&B B&B B&B	_____ _____ _____ _____
Celtis occidentalis Common Hackberry; Northern Hackberry <i>DECIDUOUS SHADE TREE; berry-like drupe from insignificant female flowers mature to dark purple; green summer foliage turns yellowish-tan in fall; oval or rounded heads to about 50' tall & wide; tolerates urban conditions & occasional flooding; resists drought, limited salt exposure & most pests; locate in full sun & prefers neutral to alkaline moisture retentive soil that isn't wet for extended periods; native to US & Canada; Zones 3 - 7 (8)</i>		1.5" 1.75" 2" 2.5" 3" 3.5" 4"	B&B B&B 25g B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____

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Celtis occidentalis 'Chicagoland' Common Hackberry; Northern Hackberry <i>DECIDUOUS SHADE TREE; berry-like drupe from insignificant female flowers mature to dark purple; green summer foliage turns yellowish-tan in fall; oval or rounded heads to about 50' tall & wide; tolerates urban conditions & occasional flooding; resists drought, limited salt exposure & most pests; locate in full sun & prefers neutral to alkaline moisture retentive soil that isn't wet for extended periods; native to US & Canada; Zones 3 - 7 (8)</i>		3.5"c	B&B	_____
Cercidiphyllum japonicum Katsura <i>DECIDUOUS SHADE TREE; foliage emerges reddish-purple before maturing to blue-green by summer then turns yellow to soft orange in fall; fallen fall foliage has a sweet smell; upright habit when young to about 50' or more tall becomes as wide as tall at maturity; locate in full sun or partial shade & well-drained moisture retentive soil; not drought tolerant; native to Japan & China; Zones 4 - 8</i>		1.75"c	15g	_____
Cercidiphyllum japonicum Katsura Tree <i>DECIDUOUS SHADE TREE; foliage emerges reddish-purple before maturing to blue-green by summer then turns yellow to soft orange in fall; fallen fall foliage has a sweet smell; upright habit when young to about 50' or more tall becomes as wide as tall at maturity; locate in full sun or partial shade & well-drained moisture retentive soil; not drought tolerant; native to Japan & China; Zones 4 - 8</i>		2"c	B&B	_____
Cercidiphyllum japonicum 'Hanna's Heart' Compact Upright Katsura <i>DECIDUOUS SHADE TREE; foliage emerges reddish-purple before maturing to a slightly darker blue-green than the species by summer; yellow to soft orange fall foliage; fallen fall foliage has a sweet smell; compact upright habit to about 25' by about 12' wide at maturity; not drought tolerant; locate in full sun or partial shade & well-drained moisture retentive soil; named for Hanna Birknger who had a heart defect but was cured; native to Japan & China; Zones 4 - 8</i>			10g	_____
Cercis canadensis Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink blooms along all the branches in April; spring foliage emerges reddish before turning dark green by summer then variable shades of yellow in fall; wide-spreading tree to about 25' tall by 35' wide; branching starts at the ground; resistant to Black Walnut; locate in full sun or partial shade & any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native; Zones (3) 4 - 9</i>	BUSH	5' 6' full 6' 7' 8' 9'	B&B 25g B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Cercis canadensis Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink blooms along all the branches in April; spring foliage emerges reddish before turning dark green by summer then variable shades of yellow in fall; wide-spreading tree to about 25' tall by 35' wide; branching usually starts about 3' to 5' above the ground from a single stem; resistant to Black Walnut; locate in full sun or partial shade & any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native; Zones (3) 4 - 9</i>	TREE FORM	1.5"c full 1.5"c 1.75"c full 1.75"c 2"c	15g B&B 25g B&B B&B	_____ _____ _____ _____ _____
Cercis canadensis 'Appalachian Red' Pink Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; reddish-purple buds open to bright pink flowers in April; spring foliage emerges reddish before turning dark green by summer then variable shades of yellow in fall; wide-spreading tree to about 25' tall by 35' wide; resistant to Black Walnut; locate in full sun or partial shade & any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native (Byrkit) Zones 4 - 9</i>		1.25"c 1.5"c 1.75"c 2"c 2.5"c 3"c	15g B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Cercis canadensis Black Pearl[™] (‘JN16’) Purple-leaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; deep purple-pink buds open to lavender-pink flowers in April before the foliage; foliage is a very dark (almost black) purple through summer then chartreuse yellow in fall; wide-spreading habit to about 20' tall by 25' wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native [Ruby Falls x The Rising Sun] (Garden Debut) Zones 4 - 9</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
Cercis canadensis Carolina Sweetheart[™] (‘NCCC1’) Variegated Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; flowers are more pink than the species; new leaves unfurl bright pink & soon add green & white before maturing to mostly green by summer then variable shades of yellow in fall; wide-spreading tree to about 25' tall by 35' wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native (Star) Zones 4 - 9</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
Cercis canadensis f. alba 'Royal White' White Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; profuse pure white flowers are larger and appear just prior to "f. alba"; spring foliage emerges reddish before turning dark green by summer then variable shades of yellow in fall; compact rounded habit to about 20' tall & wide; resistant to Black Walnut; locate in full sun or partial shade & any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native (McDaniel) Zones 4 - 9</i>		1.5" c 1.75" c 2" c 3.5" c	B&B B&B B&B B&B	_____ _____ _____ _____
Cercis canadensis 'Forest Pansy' Purple-leaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink blooms along all the branches in April; spring foliage emerges purple before becoming dark purplish-green by mid-summer then variable shades of yellow in fall; wide-spreading multi-stemmed bush to as much as 25' tall by 35' wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native (Forest N) Zones (4) 5 - 9</i>	BUSH	8'	B&B	_____
Cercis canadensis Golden Falls[®] (‘NC2015-12’) Golden Weeping Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink flowers in April; spring foliage emerges orange with yellow dominating & retained through summer; strictly weeping habit; height determined by staking; resistant to Black Walnut; locate in full sun or partial shade & any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native (Werner / Star) Zones 4 - 9</i>		1.5" c 1.75" c 2" c	15g B&B B&B B&B	_____ _____ _____ _____
Cercis canadensis Heart's Desire[™] (‘UMN7101’) Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink blooms along all the branches in April; spring foliage emerges reddish before turning dark green by summer then yellow in fall; wide-spreading habit to about 20' tall by 30' wide; branching usually starts about 3' to 5' above the ground from a single stem; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native (U of MN Arb / Schmidt) Zones (3) 4 - 9</i>		1.75" c	15g	_____
Cercis canadensis Lavender Twist[™] (‘Covey’) Weeping Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink flowers in April; spring foliage emerges reddish before turning dark green by summer then variable shades of yellow in fall; strictly weeping habit; height determined by staking; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native (Brotzman) Zones 4 - 9</i>		1.5" c 1.75" c 2" c 2.5" c	B&B B&B B&B B&B	_____ _____ _____ _____

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Cercis canadensis 'Merlot' Purple-leaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright pink self-cleaning flowers in April; low seed set; smaller thicker spring foliage emerges purple before turning dark glossy green by late summer then variable shades of yellow in fall; compact spreading habit to about 20' tall by 25' wide; branching more horizontal than 'Forest Pansy'; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; parentage makes it more heat & drought tolerant; US native ['Texas White' x 'Forest Pansy'] (Werner / Plant Haven) Zones 4 - 9</i>		1.5c 1.5" c 2" c 2.5" c	B&B 15g B&B B&B	_____ _____ _____ _____
Cercis canadensis Midnight Express[®] (RNI-RCC3) Purple-leaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright pink pea-shaped flowers in April; velvety purple foliage; upright oval heads to about 30' tall by 20' wide; attracts hummingbirds; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native (Robinson / PW) Zones 4 - 9</i>		1.5" c	15g	_____
Cercis canadensis 'Ruby Falls' Weeping Purple-leaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; reddish-purple buds open to bright pink flowers in April; spring foliage emerges purple then becomes purplish-green by summer & variable shades of yellow in fall; wide-spreading tree to about 25' tall by 35' wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native [C.c. 'Covey' x C.c. 'Forest Pansy'] (Byrkit / Werner) Zones 4 - 9</i>		2.5" c	B&B	_____
Cercis canadensis Sky Valley Eastern Redbud		2" c 2.5" c 3" c	B&B B&B B&B	_____ _____ _____
Cercis canadensis Sparkling Wine[®] (JN21) Purple-leaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; dark rosy-pink flowers in April before the foliage; glossy dark purple spring foliage bronzes in summer then turns shades of yellow in fall; compact broadly upright habit to about 15' tall & wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native (Garden Debut) Zones 4 - 9</i>		2" c	B&B	_____
Cercis canadensis subsp. texensis 'Oklahoma' Oklahoma Redbud <i>DECIDUOUS ORNAMENTAL TREE; wine-red buds open to rosy-red flowers April before the foliage; thick glossy dark green drought resistant foliage; compact rounded habit to about 20' tall & wide; locate in sun or part shade & most well-drained moisture retentive soil; US native; Zones 6 - 9</i>		2" c 2.5" c 3" c	B&B B&B B&B	_____ _____ _____
Cercis canadensis subsp. texensis 'Pink Pom Poms' Pink Oklahoma Redbud <i>DECIDUOUS ORNAMENTAL TREE; masses of double pink flowers in April before the foliage; seedless; thick glossy dark green drought resistant foliage; compact rounded habit to about 12' tall & wide in 8 years; locate in sun or part shade & most well-drained moisture retentive soil; US native (Werner / Star) Zones 6 - 9</i>		2" c 2.5" c 3.5" c	B&B B&B B&B	_____ _____ _____
Cercis canadensis The Rising Sun[®] (JN2) Gold-leaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; profuse rosy-lavender flowers appear in spring before the leaves; spring foliage break is a wow as the new leaves unfurl bright orange-pink before turning chartreuse & finally lime green by summer; fall reintroduces the bright gold to orange tones; rounded habit to about 25' tall & wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native (Jackson) Zones (5) 6 - 9</i>		1.75" c 2" c 3" c	15g B&B B&B B&B	_____ _____ _____ _____

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Cercis canadensis 'Vanilla Twist' Weeping White Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; profuse white flowers in April; spring foliage emerges reddish before turning dark green by summer then variable shades of yellow in fall; strictly weeping habit whose size is determined by staking; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade & any well-drained moisture retentive soil; US native [C. Royal White x C. Lavender Twist] (Brotzman) Zones 5 - 9</i>		2.5" c 3" c	B&B B&B	_____ _____ _____
Cercis chinensis 'Kay's Early Hope' Chinese Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright pink blooms just before C. canadensis are effective for an extended period; blooms may overlap for a short time; long brown seed pods in fall; glossy green summer foliage turns yellowish in fall; small multi-stemmed habit to about 15' tall & wide; attracts pollinators; resists deer browse; tolerates Black Locust; locate in sun or part shade & any well-drained soil; Chinese native; Zones 6 - 9</i>	TREE FORM	1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
Chionanthus retusus 'Tokyo Tower' Columnar Chinese Fringetree <i>DECIDUOUS FLOWERING SHRUB; profuse fragrant snow-white flowers from May to June; blueberry-like fruit in fall contrasts nicely with yellow fall foliage; summer foliage is glossy dark green; variable exfoliating cinnamon bark; slow upright habit to about 25' tall by 6' wide at maturity; locate in full sun to partial shade & moisture retentive well-drained acidic soil; not drought tolerant; native to eastern Asia; Zones (5) 6 - 8</i>		1.5" c	B&B	_____
Cladrastis kentukea American Yellowwood <i>DECIDUOUS SHADE TREE; fragrant white panicles in late May bloom heaviest on alternate years; bright yellowish-green summer foliage turns golden in fall; upright habit to about 50' or more tall with a broader spread when mature; locate in full sun & well-drained soil of any pH; PHS Gold Metal; formerly named C. lutea; US native; Zones (3) 4 - 8</i>		1.5" c 1.5" c 1.75" c 2" c 2.5" c	25g B&B B&B B&B B&B	_____ _____ _____ _____ _____
Cornus alternifolia Pagoda Dogwood <i>DECIDUOUS ORNAMENTAL TREE; extremely fragrant yellowish-white flat-topped cymes in late May; small fruit appears in late July that transitions from green to red to bluish-black; wide spreading horizontal habit to 25' tall by 40' wide; dark green summer foliage turns reddish in fall; locate in partial shade & well-drained acidic soil; US native; Zones 3 - 7</i>		1.5" c	10g	_____
Cornus x Aurora® ('Rutban') White Rutgers Hybrid Dogwood; White Stellar® Dogwood <i>DECIDUOUS ORNAMENTAL TREE; profuse overlapping white bracts appear in mid to late May which become off-white in time; vigorously upright in youth becomes broader with age to about 25' tall by 20' wide; fall foliage turns reddish-purple; resistant to anthracnose, borers & powdery mildew; locate in full sun to partial shade & organic well-drained moisture retentive acidic soil [C. kousa x C. florida] (Orton) Zones 5 - 7</i>		3.5" c	B&B	_____
Cornus florida "Appalachian Snow" Flowering Dogwood <i>DECIDUOUS ORNAMENTAL TREE; profuse large overlapping white bracts in May; reddish fruit in late summer loved by birds; large medium green foliage turns bright red in fall; layered spreading habit to about 25' tall & wide; outstanding resistance to anthracnose; locate in full sun to partial shade with good organic well-drained moisture retentive acidic soil; US native; Zones (5) 6 - 9</i>		liner 1.5" c 1.75" c 2" c	10g B&B B&B B&B	_____ _____ _____ _____

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Cornus florida 'Cloud 9' Flowering Dogwood <i>DECIDUOUS ORNAMENTAL TREE; showy overlapping white bracts in May; red fruit in late summer loved by birds; bright red fall foliage; layered spreading habit to about 25' tall & wide; locate in full sun to partial shade with good organic well-drained moisture retentive acidic soil; US native; Zones (5) 6 - 9</i>			15g	_____
Cornus florida 'Spring Grove' White Flowering Dogwood <i>DECIDUOUS ORNAMENTAL TREE; masses of showy white flower bracts in late April or early May; red fruit in late summer is devoured by birds; variably bright to dark red fall foliage; rounded upright habit to about 25' tall & wide; selected for improved hardiness & flower show; locate in full sun to partial shade with good organic well-drained moisture retentive acidic soil; US native (found in Spring Grove Cemetery) Zones 5 - 9</i>		2"c	B&B	_____
Cornus kousa 'Heart Throb' Pink Kousa Dogwood; Pink Japanese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; variable pink bracts (red to off white); locate in full sun to partial shade with good organic well drained soil that's neutral to slightly acidic; Asian native; Zones 5 - 8</i>		1.5"c 1.75"c 2"c	B&B B&B B&B	_____ _____ _____
Cornus kousa var. chinensis Chinese Kousa Dogwood; Chinese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; showy creamy-white bracts from late May into June; bright pinkish-red edible round fruit from late summer into fall; reddish-orange fall foliage; flowers, fruit & foliage reported to be slightly larger than the species; mottled gray & tan exfoliating bark; vase shaped when young becomes as high & wide at maturity - about 25'; plants have a single trunk with branching starting at about 2-3'; locate in full sun to partial shade & acidic organic well-drained moisture retentive soil; Asian native; Zones 5 - 8</i>	BUSH	5' 7'	25g B&B B&B	_____ _____ _____
Cornus mas 'Golden Glory' Corneliancherry Dogwood <i>DECIDUOUS ORNAMENTAL TREE; yellow flowers in March; bright red fruit in July; exfoliating gray to brown bark; grows to about 20' tall; slower & more upright habit than the species, but usually more floriferous; branching starts about 3' or more above the ground; locate in full sun to partial shade with any well drained organic soil; native to Europe & western Asia; Zones 4 - 7</i>	TREE FORM	1"c 1.5"c 1.75"c	15g B&B B&B	_____ _____ _____
Cornus mas Saffron Sentinel[®] ('JFS PN4Legacy') Columnar Corneliancherry Dogwood <i>DECIDUOUS ORNAMENTAL TREE; yellow flowers in March before the foliage; bright red fruit in late summer are edible; exfoliating gray to brown bark; columnar habit to about 20' tall by 10' wide; clean dark green summer foliage turns scarlet in fall; locate in full sun to partial shade with any well drained organic soil; native to Europe & western Asia; Zones 4 - 7</i>		1.5"c 1.75"c	B&B B&B	_____ _____
Cornus officinalis 'Kintoki' Compact Chinese Cornel Dogwood <i>DECIDUOUS ORNAMENTAL TREE; even more profuse yellow flowers in early spring before the foliage & about week or two before C. mas; red cherry-like fruit appear in Sept after C. mas; distinctive exfoliating bark exhibits grays, browns and oranges; branching normally starts about 3' or more above ground level; bushy habit to about 20' tall by 15' wide; more showy in most aspects than C. mas; locate in full sun to partial shade & moisture retentive well-drained neutral to acidic organic soil; Chinese native; Zones 5 - 8</i>		1.5"c	B&B	_____

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Cornus x Scarlet Fire® ('Rutpink') Pink Rutgers Hybrid Dogwood <i>DECIDUOUS ORNAMENTAL TREE; profuse dark pink bracts in late May occur at an early age; new foliage has purplish tinge which matures to dark green by summer & turns shades of red in fall; 1" red balls of edible fruit in late summer; well-branched heads reach about 10' tall by 8' wide in 10 years; resistant to anthracnose & borers; locate in full sun to partial shade & good organic acidic well-drained moisture retentive soil [C. kousa x C. florida] (Molnar) Zones 5 - 7</i>		liner 1.5"c 1.75"c 2"c	10g B&B B&B B&B	_____ _____ _____ _____
Cornus x Venus® ('KN30-8') White Jersey Star ® Dogwood <i>DECIDUOUS ORNAMENTAL TREE; profuse 6" diameter white bracts in mid to late May; round red strawberry-like fruit in fall; dark green summer foliage turns orange in fall; vigorous upright vase-shaped habit to about 20' tall & wide in 20 years & even wider than tall at maturity; resistant to powdery mildew, anthracnose & borers; locate in full sun to partial shade & organic well-drained moisture retentive acidic soil [C. kousa x C. nuttallii x C. kousa] (Orton) Zones 6 - 8 (9)</i>		2.5"c	B&B	_____
Eucommia ulmoides Hardy Rubber Tree <i>DECIDUOUS SHADE TREE; inconspicuous sterile flowers; thick waxy serrated dark green summer foliage develops no interesting fall color; broadly upright habit to about 50' tall by 40' wide at maturity; very tolerant of a wide range of soils, insects & drought; stem die-back has been noticed in some locations; locate in full sun & any well-drained soil; native to China; Zones (4) 5 - 7</i>		1.5"c 1.75"c	B&B B&B	_____ _____
Fagus grandiflora American Beech <i>DECIDUOUS SHADE TREE; dark green summer foliage turns golden bronze in fall and can stay on the tree through the winter; smooth silver-gray bark contrasts beautifully with the tan foliage all winter; edible nuts are an important wildlife food; large wide-spreading tree to about 70' tall & wide (if given space); climax forest tree; not tolerant of urban conditions or compacted soils; locate in sun or shade & well-drained organic slightly acidic soils; US native; Zones 4 - 9</i>	LOW BRANCHED	1.5"c 1.75"c 2"c 2.5"c 3"c 3.5"c 4"c	B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____
Fagus sylvatica European Beech <i>DECIDUOUS SHADE TREE; dark glossy green foliage turns reddish-bronze in fall and is usually retained for most of if not all winter; smooth medium gray bark; large broadly pyramidal tree to about 60' tall by 45' wide at maturity; branching starts at or very near the ground; surface rooted; not tolerant of urban conditions or compacted soils; locate in sun or shade with well-drained organic soils; European native; Zones (4) 5 - 7</i>	LOW BRANCHED	1.5"c 1.75"c 2"c 2.5"c	B&B B&B B&B B&B	_____ _____ _____ _____
Ginkgo biloba 'Autumn Gold' Ginkgo; Maidenhair Tree <i>DECIDUOUS CONIFER; selected as a male cultivar that won't fruit (however I've seen plants labeled as A.G. with fruit); unique fan-like medium green summer foliage turns clear golden-yellow in fall; more broadly upright than most male cultivars getting about 45' tall by 35' or more wide; highly resistant to pests & diseases; very tolerant of urban & coastal conditions; may not be as hardy as other cultivars; locate in full sun & any soil that drains; Chinese native; Zones (6) 7 - 8 (9)</i>		1.5"c 1.75"c 2"c 2.5"c 3"c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
Ginkgo biloba Goldspireâ„¢ ('Fastigiata Blagon') Columnar Ginkgo; Columnar Maidenhair Tree <i>DECIDUOUS CONIFER; ornamentally insignificant flower in April followed by very obnoxious smelling fruit on female trees in fall; distinctive 2-lobed medium green summer foliage turns clear bright golden yellow in fall; upright columnar habit to about 15' tall by 5' wide in 10 years; female trees produce fruit with a very bad odor when crushed; highly resistant to pests & diseases; tolerant of urban & coastal conditions; locate in full sun & any soil with good drainage; thought to be extinct when found in China; in prehistoric times was native to the US; Zones (3) 4 - 8 (9)</i>		1"c 1.75"c 2"c	15g B&B B&B	_____ _____ _____

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Ginkgo biloba 'Grindstone' / 'Grind Stone Lake' Columnar Ginkgo; Columnar Maidenhair Tree <i>DECIDUOUS CONIFER; ornamentally insignificant flower in April; male selection - no fruit; distinctive 2-lobed medium green summer foliage turns clear bright golden yellow in fall; upright very narrow columnar habit to about 25' tall by 5' wide in about 15 years; female trees produce fruit with a very bad odor when crushed; highly resistant to pests & diseases; tolerant of urban & coastal conditions; locate in full sun & any soil with good drainage; thought to be extinct when found in China; in prehistoric times was native to the US; Zones (3) 4 - 8 (9)</i>		1.5" c 1.75" c 2" c 2.5" c	B&B B&B B&B B&B	_____
Gleditsia triacanthos f. inermis Northern Sentinel® ('JFS GMorgenson1') Upright Honeylocust <i>DECIDUOUS SHADE TREE; inconspicuous greenish-yellow flowers in mid to late spring; thought to be seedless; small dark green compound summer foliage turns golden in fall; provides light dappled shade; upright branching to about 50' tall by 25' wide; tolerates urban conditions, ice, soil compaction & salt; locate in full sun & moisture retentive neutral to alkaline soils; US native (Morgenson / Schmidt) Zones 4 - 8 (9)</i>			15g	_____
Gleditsia triacanthos f. inermis Skyline® ('Skycole') Thornless Honeylocust <i>DECIDUOUS SHADE TREE; virtually seedless; small dark green compound summer foliage turns bright golden in fall; provides light dappled shade; upright pyramidal habit to about 20' tall by 15' wide in 10 years; very tolerant of urban conditions including soil compaction & salt; locate in full sun & moisture retentive neutral to alkaline soils; US native (Cole Ns) Zones 4 - 8 (9)</i>		1.5" c 1.75" c 1.75" c 2" c 2.5" c 3" c	B&B 25g B&B B&B B&B B&B	_____
Gymnocladus dioica (dioicus) Espresso♠ ('Espresso-JFS') Male Kentucky Coffeetree <i>DECIDUOUS SHADE TREE; seedless; large doubly compound blue-green summer foliage turns yellow in fall; upright arching habit to about 50' tall by 35' wide; dramatic open structure in winter with each tree looking different; tolerates high pH, drought & urban conditions; locate in full sun & moist organic soil; US native (Schmidt) Zones 4 - 8</i>		1.75" c 2" c 2.5" c 3" c 4.5" c	B&B B&B B&B B&B B&B	_____
Hamamelis x intermedia 'Diane' Red Hybrid Witchhazel <i>DECIDUOUS FLOWERING SHRUB; mildly fragrant dark red flowers in late February & early March; fall foliage can be a mix of yellow, orange & red; broad spreading habit to about 10' tall by 12' wide; tolerant of deer browse, clay soils & urban situations; locate in full sun to light shade & rich organic well-drained neutral to acidic soil; PHS Gold Metal; Asian cross [H. japonica x H. mollis] Zones 5 - 8</i>		1.75" c	15g	_____
Hydrangea arborescens 'Haas Halo' Smooth Hydrangea <i>DECIDUOUS FLOWERING SHRUB; pure white lacecap flowers up to 14" diameter all summer from the new wood beginning in late June; bushy grower to 5' high & wide; dark glossy bluish-green summer foliage turns a variable yellowish to brown in fall; resistant to most pests & diseases; locate in morning sun or partial shade & organic well-drained moisture retentive soil of any pH; supplemental moisture during hot dry spells in summer is recommended; eastern US native (Ray) Zones (3) 4 - 9</i>			15g	_____
Hydrangea paniculata 'Limelight' Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; bright greenish-white flowers in late summer on new wood; dark green summer foliage; spreading habit to about 8' tall & wide at maturity; branching starts at about 3-4' above the ground from a single trunk; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; PHS Gold Metal; Asian native (PW) Zones 4 - 9</i>	TREE FORM		10g 15g	_____

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Hydrangea paniculata Sweet Summer ('Bokrathirteen') BUSH Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large greenish-white blooms on sturdy stems from early summer into fall; mature flowers turn pink revealing green & pink flowers at the same time on new wood; dark green summer foliage; spreading habit to about 5' tall by 6' wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native (Ball) Zones 4 - 9</i>		4' 5'	B&B B&B	_____
Hydrangea paniculata Vanilla Strawberryâ„¢ [First Editions®] ('RENhy') TREE FORM Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large pyramidal flower clusters open greenish, quickly turn creamy white, then light pink before maturing to dark rosy-pink as they age; new flowers continually appear providing a two-tone effect in late summer on new wood; dark green summer foliage; broadly upright to about 7' tall by 5' wide at maturity; branching starts at about 3-4' above the ground from a single trunk; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>			15g	_____
Hydrangea quercifolia 'Alice' Oakleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large fragrant white pyramidal blooms in June & July on old wood turns pinkish by late summer; dark green summer foliage turns shades of burgundy-red fall foliage; showy tan exfoliating bark; vigorous broadly upright habit to about 6' tall & wide in 10 years; locate in partial or filtered shade with rich organic well-drained moisture retentive soil; US native (Dirr) Zones 5 - 9</i>		36"	15g	_____
Hydrangea quercifolia 'Queen of Hearts' Compact Oakleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; masses of 9" white pyramidal blooms appear in early summer on old wood which slowly age to deep pink; flowers held above the foliage & appear a week or more before most other cultivars & remain effective longer; dark green summer foliage turns mahogany-red in fall; tan exfoliating bark; compact spreading habit to 6' tall by 9' wide in 10 years; locate in partial or filtered shade with rich organic well-drained moisture retentive soil; US native (Pooler / USNA) Zones 5 - 8</i>		36"	15g	_____
Hydrangea quercifolia Snowflake ('Brido') Oakleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; masses of 12-15" tall fragrant double sterile white pyramidal flowers in late June on old wood turn purplish-pinkish by late summer; dark green oak-like summer foliage turns burgundy to scarlet in fall; tan exfoliating bark; broadly upright habit to as much as 10' tall & wide if not pruned; locate in partial or filtered shade & rich organic well-drained moisture retentive soil; US native (Aldridge N) Zones 5 - 9</i>		36"	15g	_____
Ilex verticillate 'Winter Red' Female Winterberry Holly <i>DECIDUOUS ORNAMENTAL SHRUB; inconspicuous small white flowers in profusion in early summer on new wood; large profuse & persistent bright red fruit from early fall into or through winter; use 'Southern Gentleman' to pollinate; upright rounded habit to about 8' tall & wide; locate in full sun to partial shade & neutral to acidic moisture retentive soil; native to areas with persistently moist to wet soils; US & Canadian native; PHS Gold Metal (Simpson) Zones 3 - 9</i>		36"	15g	_____

Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Juniperus chinensis 'Keteleeri' Pyramidal Chinese Juniper <i>EVERGREEN ORNAMENTAL CONIFER; usually separate male & female flowers; female cones usually light blue & male cones tannish; medium green scale-like foliage; narrowly pyramidal habit to about 15' tall by 5' wide; locate in full sun & most well-drained soils; drought tolerant when established; Asian native; Zones 4 - 9</i>		7' 8' 9'	B&B B&B B&B	_____ _____ _____
Juniperus virginiana 'Canaertii' Eastern Red Cedar <i>EVERGREEN ORNAMENTAL CONIFER; showy greenish-blue to bright blue female cones in fall; medium green summer foliage bronzes in winter; pyramid habit reaching about 25' tall by 15' wide; dark green foliage bronzes some in winter; very susceptible to rust; tolerant of drought, air pollution, sterile soil, some salt & Black Walnut; locate in full sun & well-drained soil of any pH; native to eastern & central North America; Zones (3) 4 - 9</i>		8' 9'	B&B B&B	_____ _____
Juniperus virginiana 'Green Point' Columnar Eastern Red Cedar <i>EVERGREEN ORNAMENTAL CONIFER; dark green summer foliage can be gray or bronze during winter in northern range; narrow columnar pyramid habit reaching about 25' tall by 4' wide; tolerant of drought, air pollution, sterile soil, some salt & Black Walnut; locate in full sun & well-drained soil of any pH; native to eastern & central North America (Hayman) Zones (3) 4 - 9</i>		5' 6' 7' 8'	B&B B&B B&B B&B	_____ _____ _____ _____
Juniperus virginiana 'Taylor' Columnar Eastern Red Cedar <i>EVERGREEN ORNAMENTAL CONIFER; no fruit; medium green summer foliage can be gray or bronze during winter in northern range; narrow pyramid habit reaching about 25' tall by 4' wide; tolerant of drought, air pollution, sterile soil, some salt & Black Walnut; locate in full sun & well-drained soil of any pH; native to eastern & central North America (Bieberich) Zones (3) 4 - 9</i>		6' 7'	B&B B&B	_____ _____
Koelreuteria paniculata Golden Raintree <i>DECIDUOUS ORNAMENTAL TREE; golden yellow flowers from late June into mid-July yield light brown seed capsules that look similar to Chinese lanterns; compound dark green summer foliage turns variably yellow to orangish in fall; sparse irregular branching yields irregular rounded heads; mature trees can get to as much as 40' tall & wide; tolerates most urban conditions; locate in full sun & any well-drained moisture retentive soil; Asian native; Zones 4 - 8</i>		1.5"c 1.75"c 2"c 2.5"c 3"c 3.5"c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Liquidambar styraciflua Happidazeâ„¢ ('Hapdell') American Sweetgum <i>DECIDUOUS SHADE TREE; non-ornamental yellowish-green male flower clusters in mid-spring; non-fruiting - mostly; dark green summer foliage turns a lovely maroon in the fall; vigorous pyramidal habit when young matures to a rounded head at about 70' tall by 50' wide; tolerates clay & compacted urban soils; locate in full sun & moist to partially wet organic soils; native to eastern US & Mexico; Zones 5 - 9</i>		liner 1"c	10g 15g	_____ _____
Liquidambar styraciflua 'Slender Silhouette' Columnar American Sweetgum <i>DECIDUOUS ORNAMENTAL TREE; minimal to moderate fruit production; shiny dark green summer foliage turns mostly yellow with a red tinge in fall; very narrow upright habit to about 60' tall by 7' wide; locate in full sun & moist to partially wet organic soils; native to eastern of US & Mexico (Shadow) Zones (5) 6 - 8 (9)</i>		1.25"c	10g 15g	_____ _____
Liriodendron tulipifera Tuliptree; Tulip Poplar <i>DECIDUOUS SHADE TREE; light orange-green flowers in early June; medium green summer foliage turns variable shades of yellow in fall; vigorous upright habit to about 80' tall by 40' wide; somewhat weak wooded; locate in full sun or light shade & deep organic well-drained moisture retentive slightly acidic soil; not drought tolerant; US native; Zones 4 - 9</i>		1.75"c 2.5"c 3"c 3.5"c	B&B B&B B&B B&B	_____ _____ _____ _____

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Liriodendron tulipifera Emerald City® ('JFS-Oz') Tuliptree; Tulip Poplar <i>DECIDUOUS SHADE TREE; light orange-green flowers in early June; significantly glossier darker green foliage than the species in summer turns clear yellow in fall; uniform upright branching with stronger more open branch angles to about 50' tall by 25' wide; locate in full sun or light shade & deep organic well-drained moisture retentive slightly acidic soil; not drought tolerant; US native (Schmidt) Zones (4) 5 - 9</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 3.5" c 4" c 4.5" c	B&B B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____ _____
Maclura pomifera 'White Shield' Osage-orange; Hedge-apple <i>DECIDUOUS SHADE TREE; greenish-white insignificant male flowers; seedless; thick leathery dark glossy green summer foliage turns variable shades of yellow in fall; broadly upright habit to about 35' tall & wide; nearly thornless; tolerates wet & alkaline soils; locate in full sun & just about any soil; US native (Bieberich) Zones 4 - 9</i>		3" c	B&B	_____
Maclura pomifera 'Witchita' Osage-orange; Hedge-apple <i>DECIDUOUS SHADE TREE; male flowers aren't ornamentally effective; no fruit; thick glossy summer foliage turns variable yellow in fall; mostly thornless; bushy habit to about 50' tall by 40' wide; tolerates poor, wet or dry soil; resists deer browse; locate in full sun or minimal shade & just about any soil with reasonable drainage; US native (Pair) Zones 4 - 9</i>		1.5" c 1.75" c 2.5" c 3.5" c 4" c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
Magnolia x 'Butterflies' Yellow Hybrid Cucumbertree Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant deep yellow flower in early April before the foliage opens; rarely produces seed; upright pyramidal habit to about 20' tall by 15' wide; single trunk with branches usually starting near the ground; locate in full sun to partial shade & well-drained organic moisture retentive soil of varying pH; US / Asian cross [M. acuminata x M. denudata] (Savage) Zones (3) 4 - 8</i>	TREE FORM	1.75" c 2" c	B&B B&B	_____ _____
Magnolia x 'Galaxy' Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; profuse 9" lightly fragrant reddish-purple to pink flowers in mid-April; narrowly pyramidal to columnar habit to about 30' tall by 15' wide; usually single stem with branching starting 3' to 5' above the ground; locate in full sun to light shade & well-drained organic slightly acidic soil; PHS Gold Metal [M. kobus var. x liliiflora stellata x M. sprengeri 'Diva'] (USNA / Kosar) Zones 5 - 9</i>	TREE FORM	1.75" c 2" c	B&B B&B	_____ _____
Magnolia liliifolia 'Jane' Hybrid Lily Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fuzzy light gray buds open to reddish-purple flowers with white centers in mid/late April as the foliage emerges; sporadic summer flowers; medium green summer foliage turns yellowish in fall; compact bushy upright habit to about 15' tall by 12' wide; smooth gray bark; locate in full sun or light shade & moist organic well-drained soils of varying acidity; tolerates limited excessive moisture; native Asian cross [M. liliiflora 'Reflorescens' x stellata 'Waterlily'] (Kosar & deVos / USNA) Zones 3 - 8</i>			15g	_____
Magnolia loebneri 'Leonard Messel' Pink Loebner Magnolia; Pink Star Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant purplish-pink star-like flowers in mid-April from purple buds are almost white on the inside; medium green summer foliage; bushy upright habit to about 20' tall & almost as wide; locate in full sun to light or dappled shade & deep well-drained neutral to slightly acidic soil with good moisture retention; Asian cross [M. kobus x M. stellata 'Rosea'] Zones 5 - 8 (9)</i>		4'	15g	_____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Magnolia x loebneri 'Merrill' White Loebner Magnolia <i>DECIDUOUS ORNAMENTAL TREE; profuse large star-like white flowers in mid-April; broadly upright to 25'+ tall by 30' or more wide; dark green summer foliage gets bronzy-yellow in fall; locate in full sun to light or dappled shade & deep well-drained acidic soil with good moisture retention; Asian cross; PHS Gold Metal [M. kobus x M. stellata] (Arnold Arb) Zones 3 - 8</i>		4'	25g 10g	_____ _____ _____
Magnolia x Mercuryâ„¢ (NCMX1) Pink Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; dark pink buds open to large fragrant lavender-pink cup-shaped flowers in mid to late spring & sporadically through summer; showy reddish seeds provide food for a lot of animals & birds; dark green summer foliage turns tan in fall in northern range; can be evergreen in southern range; central leader with upright branching to about 60' tall by 35' wide; attracts butterflies; tolerates high humidity, salt & air pollution; not tolerant of drought or flooding; locate in full sun & moist organic well-drained soils of varying acidity (Ranney / Schmidt) Zones 7 - 9</i>		1"c	10g 15g	_____ _____
Magnolia x 'Rose Marie' Pink Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; large lightly fragrant rose-pink flower with lighter interior petals in late mid to late April & beyond; upright habit to about 20' tall by 10' wide at maturity; dark green foliage; tolerant of pollution & urban situations; locate in full sun or light shade & moist organic well-drained soils of varying acidity ['Pink Surprise' x 'Daybreak'] (Ledvina) Zones 4 - 8</i>		4' spr	15g	_____
Magnolia x soulangeana 'Barrington Belle' White Saucer Magnolia <i>DECIDUOUS ORNAMENTAL TREE; white flowers with pink centers in early to mid-April before the foliage; bushy upright habit to about 25' tall by 20' wide; locate in full sun to light or dappled shade & deep well-drained moisture retentive acidic soil [M. denudata x M. liliiflora] (Soulange-Bodin) Zones 4 - 9</i>		1"c 1.5"c	15g 10g	_____ _____
Magnolia 'Spectrum' Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; profuse 10" lightly fragrant dark pink flowers with light pink interiors are effective in mid to late spring; broadly upright multi-stemmed habit to about 25' tall & wide; usually single stem with branching starting 3' to 5' above the ground; locate in full sun to light shade & well-drained moisture retentive organic slightly acidic to neutral soil; sister seedling of 'Galaxy' [M. x liliiflora x M. sprengeri 'Diva'] (USNA / Kosar) Zones 6 - 9</i>	BUSH	5' 6' 7' 8'	153 B&B B&B B&B	_____ _____ _____ _____
Magnolia 'Spectrum' Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; profuse 10" lightly fragrant dark pink flowers with light pink interiors are effective in mid to late spring; broadly upright multi-stemmed habit to about 25' tall & wide; usually single stem with branching starting 3' to 5' above the ground; locate in full sun to light shade & well-drained moisture retentive organic slightly acidic to neutral soil; sister seedling of 'Galaxy' [M. x liliiflora x M. sprengeri 'Diva'] (USNA / Kosar) Zones 6 - 9</i>	TREE FORM	1"c	15g	_____
Magnolia stellata 'Royal Star' Star Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant white 3" star-like flowers in late March before the foliage; medium green summer foliage; broad bushy habit to about 15' tall & often slightly wider; locate in full sun to light or dappled shade & deep well-drained neutral to slightly acidic soil with good moisture retention; Japanese native (Vermeulen N) Zones 5 - 8</i>		3' spr	15g 10g	_____ _____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Magnolia stellata 'Royal Star' BUSH Star Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant white 3" star-like flowers in late March before the foliage; medium green summer foliage; broad bushy habit to about 15' tall & often slightly wider; locate in full sun to light or dappled shade & deep well-drained neutral to slightly acidic soil with good moisture retention; Japanese native (Vermeulen N) Zones 5 - 8</i>		4' 5'	B&B B&B	_____ _____ _____
Magnolia virginiana BUSH Sweetbay Magnolia; Swamp Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant lemon-scented creamy-white flowers in late spring among the foliage; bright red seeds emerge from large tan seed-pods in late summer; medium green summer foliage is silvery below & turns yellowish in fall; loose upright habit to about 25' tall & as wide in time; tolerant of air pollution; locate in full sun or shade & moist to wet acidic soils; some salt tolerance; eastern US native; Zones 5 - 9</i>		5' 6'	B&B B&B	_____ _____ _____
Magnolia virginiana Green Mile™ (‘MVHH’) Sweetbay Magnolia; Swamp Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant lemon-scented creamy-white flowers in late spring among the foliage; bright red seeds emerge from large tan seed-pods in late summer; long dark glossy semi-evergreen foliage is silvery below & turns yellowish in fall; upright habit to about 35' tall by 15' wide in time; tolerant of air pollution; locate in full sun or shade & moist to wet acidic soils; some salt tolerance; eastern US native (Neubauer) Zones 5 - 9</i>		6'	10g 15g 25g	_____ _____ _____
Magnolia virginiana Green Mile™ (‘MVHH’) BUSH Sweetbay Magnolia; Swamp Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant lemon-scented creamy-white flowers in late spring among the foliage; bright red seeds emerge from large tan seed-pods in late summer; long dark glossy semi-evergreen foliage is silvery below & turns yellowish in fall; upright habit to about 35' tall by 15' wide in time; tolerant of air pollution; locate in full sun or shade & moist to wet acidic soils; some salt tolerance; eastern US native (Neubauer) Zones 5 - 9</i>		5' 6' 7'	B&B B&B B&B	_____ _____ _____
Magnolia virginiana Moonglow® (‘Jim Wilson’) TREE FORM Evergreen Sweetbay Magnolia; Evergreen Swamp Magnolia <i>EVERGREEN ORNAMENTAL TREE; slightly larger creamy-white lemon-scented flowers than the species from May into June; bright red seeds emerge from large tan seed-pods in late summer; dark green summer foliage is silvery below; semi-evergreen in northern range; uniform upright habit to 35' tall by 20' wide; branching starts about 3' above the ground; deer browse resistant; tolerant of air pollution; locate in full sun or shade & moist to wet acidic soils; some salt tolerance; eastern US native; PHS Gold Metal (Cully) Zones 5 - 9</i>		2'c	25g	_____
Malus Raspberry Spear® (‘JFS KW213MX’) Columnar Pink Crabapple <i>DECIDUOUS ORNAMENTAL TREE; deep pink buds open to magenta-pink flower in mid-spring; persistent 1/2" bright red fruit is loved by birds; purple summer foliage turns orange-ish in fall; upright habit to about 20' tall by 8' wide; excellent disease resistance to all 4 problems; tolerant of urban conditions & drought; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil (Schmidt) Zones 4 - 8</i>		2'c	25g	_____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Malus Royal Raindrops® ('JFS-KW5') Pink Crabapple <i>DECIDUOUS ORNAMENTAL TREE; fragrant single deep pink flower in mid-spring; persistent 1/4" bright red fruit; purple cut-leaf summer foliage turns shades of orange & purple in fall; broadly oval heads to about 20' tall by 15' wide; very good disease resistance; tolerant of urban conditions & drought; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil [M. transitoria] (Schmidt) Zones 4 - 8</i>		liner 1.5"c 1.75"c 2"c 2"c 2.5"c 3"c	10g 15g B&B B&B 25g B&B B&B B&B	
Malus Ruby Dayze® ('JFS KW139MX') Pink Crabapple <i>DECIDUOUS ORNAMENTAL TREE; abundant magenta-pink flowers in mid to late spring; persistent 1/4" bright red fruit in fall; new foliage opens purplish-red before becoming more bronze by summer then shades of orange & red in fall; compact upright oval habit to about 20' tall by 15' wide; excellent disease resistance to all 4 problems; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil (Schmidt) Zones 4 - 8</i>		1.5"c 2.5"c	B&B B&B	
Malus Show Time® ('Shotizam') Red Crabapple <i>DECIDUOUS ORNAMENTAL TREE; red buds open to fuchsia-red flowers; abundant red 5/8" fruit throughout the fall; broadly upright habit to 18' high by 15' wide; purplish-green summer foliage turn an impressive gold in fall; excellent disease resistance; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil (Zampini / Lake County) Zones 4 - 8</i>		1.5"c 1.75"c 2"c	B&B B&B B&B	
Malus Snow Chrystal® ('JFS KW218MX') White Crabapple <i>DECIDUOUS ORNAMENTAL TREE; pink buds open to abundant white flowers in mid to late spring; persistent 1/4" yellow to orange-yellow fruit; dark green summer foliage; compact pyramidal habit to about 15' tall by 12' wide; excellent disease resistance to all 4 problems; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil (Schmidt) Zones 4 - 8</i>		1.5"c	10g	
Malus 'Snowdrift' White Crabapple <i>DECIDUOUS ORNAMENTAL TREE; pink buds open to abundant lightly fragrant 1.25" dia white flowers in mid/late spring; 1/2" sporadic orange-yellow fruit with a red cheek; dark green summer foliage turns golden-yellow in fall; rounded habit to about 20' tall & wide; some susceptibility to scab & fireblight; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil (Cole N) Zones 4 - 8</i>		2"c 15."c	B&B 15g	
Malus Sparkling Sptite® ('JFS-KW207') Dwarf White Crabapple <i>DECIDUOUS ORNAMENTAL TREE; pink buds open to a multifude of white flowers in mid/late spring; 1/4" profuse golden yellow fruit becomes more orange with maturity & lasts into winter; dark green summer foliage; rounded habit to about 12' tall & wide; usually grafted on a standard; excellent resistance to all 4 diseases; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil (Warren / Schmidt) Zones 4 - 8</i>		2.5 1.5"c 1.75"c 2"c	B&B B&B B&B B&B	
Malus Sugar Tyme® ('Sutyzam') White Crabapple <i>DECIDUOUS ORNAMENTAL TREE; pale pink buds open to profuse fragrant white flowers annually in mid-spring; persistent 1/2" red fruit; dark green summer foliage turns bronzy in fall; upright oval habit to about 20' tall by 15' wide; slight susceptibility to scab, mildew & fireblight; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas & moisture retentive well-drained acidic soil (Lake County N) Zones 4 - 8</i>		1.5"c 1.75"c 2"c 2.5"c	B&B B&B B&B B&B	

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Metasequoia glyptostroboides LOW BRANCHED Dawn Redwood <i>DECIDUOUS CONIFER; bright green summer needles turn reddish-bronze in fall; large pyramidal habit to 100' or more tall by 25' or more wide; branching starts at or near the ground; tolerates somewhat wet & all but highly alkaline soils; locate in full sun & moisture retentive neutral to acidic organic soil, PHS Gold Metal; Chinese native; Zones 5 - 8</i>		12 - 14' 14 - 16'	B&B B&B	_____ _____
Metasequoia glyptostroboides Amber Glowâ„¢ ('WAH-08AG') Golden Dawn Redwood <i>DECIDUOUS ORNAMENTAL CONIFER; new spring foliage opens with a hint of burgundy before quickly turning bright gold by summer; foliage doesn't burn in full sun; fall foliage turns coppery-orange before dropping; rapid growing upright pyramidal habit to about 35' tall by 25' wide in about 25 years; no pest or disease problems; tolerates somewhat wet & all but highly alkaline soils; locate in full sun & moisture retentive neutral to acidic organic soil, Chinese native; Zones 5 - 8</i>		7' 8' 12 - 14' 8' / 2" c	B&B B&B B&B 25g	_____ _____ _____ _____
Metasequoia glyptostroboides Jade Prince® ('JFS-PN3Legacy') Columnar Dawn Redwood <i>DECIDUOUS CONIFER; foliage emerges chartreuse in spring maturing to bright green by summer then rusty-orange in fall; rapid growing narrowly pyramidal habit to about 70' tall by 25' wide at maturity with a dominant central leader; branching starts at or near the ground; tolerates somewhat wet & all but highly alkaline soils; locate in full sun & moisture retentive neutral to acidic organic soil, Chinese native (Schmidt) Zones 5 - 8</i>		6' 7' 8' 9'	B&B B&B B&B B&B	_____ _____ _____ _____
Nyssa sylvatica Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; black fruit in fall favored by birds; glossy dark green summer foliage turns brilliant shades of red, orange &/or yellow in fall; pyramidal heads in youth usually become wide-spreading to about 40' tall by 25' wide; taproot; fall transplanting hazard; locate in full sun to partial shade & moisture retentive well-drained acidic soils; can tolerate temporary standing water; US native; Zones 4 - 9</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 3.5" c 2" c hvy	B&B B&B B&B B&B B&B B&B 25g	_____ _____ _____ _____ _____ _____ _____
Nyssa sylvatica Green Gableâ„¢ ('NSUHH') Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; very glossy green summer foliage turns bright orange-red to dark red in fall; dense upright pyramidal heads to about 50' tall & half as wide; superior resistance to leaf spot; taproot; fall transplanting hazard; locate in full sun to partial shade & moisture retentive well-drained acidic soils; can tolerate temporary standing water; US native (Hidden Hollow N) Zones 5 - 9</i>		1" c 1.5" c 1.75" c 2" c 3" c 3.5" c	25g 15g B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Nyssa sylvatica Northern Splendorâ„¢ ('NSMTF') Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; insignificant white spring flowers; black fruit in fall; glossy dark green summer foliage turns brilliant shades of red & orange in fall; pyramidal heads in youth usually become wide-spreading to about 40' tall by 25' wide at maturity; attracts birds; tolerates wet soil; intolerant of fall transplanting; taproot; locate in full sun to partial shade & moisture retentive acidic soils that don't stay wet; selection from FL seedlings; US native (Moon) Zones 4 - 9</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
Nyssa sylvatica 'Wildfire' Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; bright red new leaves, veins & petioles contrasts with mature dark green foliage; fall foliage is bright red; pyramidal habit to about 50' tall by 30' wide; less susceptible to leaf spot; taproot; fall transplanting hazard; locate in full sun to partial shade & moisture retentive well-drained acidic soils; can tolerate temporary standing water; US native (Hottovy) Zones 4 - 9</i>		3" c	B&B	_____

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Ostrya virginiana American Hop Hornbeam; American Ironwood <i>SHADE TREE; bright dark green summer foliage turns yellowish in fall; upright habit to about 35' tall by 25' wide; drought tolerant; fall transplanting hazard; locate in full sun to partial shade & most neutral to acidic well-drained soils; North American native; Zones (3) 4 - 9</i>		1.5" c 1.75" c 2.5" c	B&B B&B B&B	_____ _____ _____
Parrotia persica Persian Ironwood; Persian Witchhazel <i>DECIDUOUS ORNAMENTAL TREE; small crimson flowers appear before the foliage in early spring creating a red cast; emerging spring foliage is purplish then glossy green with a maroon margin before turning bright glossy green by summer then shades of red & orange in late fall; exfoliating bark on older branches; oval or rounded upright habit to about 30' tall by 25' wide; branching starts about 3-4' above the ground; tolerates urban conditions; locate in full sun to partial shade & most well-drained slightly acidic soil; PHS Gold Metal; Asian native; Zones (4) 5 - 8</i>		2.5" c 3" c 3.5" c 4" c	B&B B&B B&B B&B	_____ _____ _____ _____
Parrotia persica Persian Spirea[®] (JLColumnar') Compact Columnar Persian Ironwood <i>DECIDUOUS ORNAMENTAL TREE; small crimson flowers appear before the foliage in early spring creating a red cast; emerging spring foliage is purplish then glossy green with a maroon margin before turning bright glossy green by summer then shades of red & orange in late fall; exfoliating bark on older branches; upright to columnar habit to about 25' tall by 10' wide; tolerates urban conditions; locate in full sun to partial shade & most well-drained slightly acidic soil; PHS Gold Metal; Asian native (Lewis / JLPN) Zones (4) 5 - 8</i>		2" c	B&B	_____
Physocarpus opulifolius Little Devil[®] [First Editions[®]] ('Donna May') TREE FORM Compact Purple Ninebark <i>DECIDUOUS FLOWERING SHRUB; small pinkish-white flowers in late spring; dark reddish-purple foliage; very compact habit to 4' tall & wide; disease & pest resistant; exfoliating bark shows dark & light tan longitudinal striations; spreads by suckers; tolerates wet, dry & alkaline soils, drought & Black Walnut; locate in full sun or partial shade & most well-drained soils; US native; Zones (2) 3 - 7 (8)</i>		36" head	15g	_____
Platanus x acerifolia Exclamation[®] (Morton Circle') London Planetree <i>DECIDUOUS SHADE TREE; reduced quantities of rounded tan ball in pairs appear in late fall through winter; showy exfoliating bark with patches of off-white, tan & light green; pyramidal to oval heads to about 80' tall by 65' wide; high resistance to mildew & anthracnose; tolerates moist soils & urban conditions; locate in full sun & a wide range of moisture retentive soils [P. orientalis x P. occidentalis] (Ware / Morton Arb.) Zones (5) 6 - 8 (9)</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 3.5" c 4" c	B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____
Platanus occidentalis Silverwood[®] (Grenickel') American Sycamore; American Planetree <i>DECIDUOUS SHADE TREE; inconspicuous male flowers are yellowish & female reddish; medium green summer foliage turns tan to yellowish in fall; fuzzy tan fruit balls appear in fall; selected for whiter patches of bark, better fall color & stronger branching; upright habit when young matures to large broad heads headed tree to as much as 100' tall & wide; tolerates wet soil, air pollution, deer & Black Walnut; locate in full sun & a wide range of moisture retentive soils; native from the Midwest through coastal Canada, US & Mexico (Greenleaf N) Zones 4 - 9</i>		2" c	B&B	_____
Prunus x 'Okame' Pink Bell-flowered Cherry; Taiwan Cherry <i>DECIDUOUS ORNAMENTAL TREE; bright rosy-pink flowers in late March or early April for an extended period if not freeze damaged; dark green summer foliage turns shades of red & orange in fall; glossy reddish-brown bark; upright oval heads to about 30' tall & wide at maturity; locate in full sun & any well-drained soil; PHS Gold Metal [P. campanulata x P. incisa] (Ingram) Zones 6 - 8</i>		1.5" c 1.75" c 2" c 2" c 2.5" c 3" c 3.5" c 4.5" c	10g B&B B&B 25g B&B B&B B&B B&B b	_____ _____ _____ _____ _____ _____ _____ _____ _____

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Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Prunus sargentii Pink Flair® ('JFS-KW58') Sargent Cherry <i>DECIDUOUS ORNAMENTAL TREE; fragrant bright pink flowers in early May; dark green disease resistant summer foliage turns brilliant shades of orange-red in fall; upright habit to 25' by 15' wide; glossy reddish-brown bark; heat & drought tolerant; locate in full sun & any well-drained soil; Japanese native (Schmidt) Zones (3) 4 - 8</i>		1.5" 1.75"	B&B B&B	
Pyrus x triploidata Chastity® ('NCPX2') Flowering Pear <i>DECIDUOUS ORNAMENTAL TREE; pink buds open to profuse white flowers in mid April; dark glossy green summer foliage turns orange to red in fall with purple highlights; broadly upright habit to about 35' tall by 25' wide; very resistant to fire blight; triploid; fruit is highly infertile; locate in full sun or light shade & just about any soil with reasonable drainage; tolerant of drought & urban conditions; Chinese native (Ranney) Zones 5 - 8</i>		3"	B&B	
Quercus alba White Oak <i>DECIDUOUS SHADE TREE; dark green summer foliage turns variable shades of brown to red; large spreading long-lived shade tree to about 60' tall with greater width; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & acidic well-drained soil; PHS Gold Metal; US native; Zones (3) 4 - 9</i>		1.5" 1.75" 2" 2.5" 3" 3.5" 4" 4.5"	B&B B&B B&B B&B B&B B&B B&B B&B	
Quercus bicolor Swamp White Oak <i>DECIDUOUS SHADE TREE; dark green rounded-lobed summer foliage is usually a good yellow in fall but can also be reddish-purple; deeply furrowed & flaking bark; broad rounded heads to about 50' or more tall with similar width; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun to part shade & moist to well-drained acidic soil; cannot take constantly wet soils; drought tolerant; native to US & Canada; Zones 4 - 8</i>		1.5" 1.75" 1.75" 2" 2" 2.5" 3" 3.5" 4" 4.5"	B&B 15g B&B 25g B&B B&B B&B B&B B&B B&B	
Quercus bicolor American Dream® ('JFS KW12') Swamp White Oak <i>DECIDUOUS SHADE TREE; non ornamental yellowish-green catkins in April; dark green rounded-lobed summer foliage is usually a good yellow in fall but can also be reddish-purple; deeply furrowed & flaking bark; broadly pyramidal heads to about 50' tall by 40' wide; increased resistance to anthracnose & powdery mildew; tolerates drought; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun to part shade & moist to well-drained acidic soil; cannot take constantly wet soils; native to US & Canada; Zones 4 - 8</i>		1.75" 2" 2.5"	B&B B&B B&B	
Quercus bicolor Beacon® ('Bonnie & Mike') Columnar Swamp White Oak <i>DECIDUOUS SHADE TREE; dark green rounded-lobed summer foliage turns a good yellow in fall before turning tawny brown by winter; deeply furrowed & flaking bark; strong upright branching to about 40' tall by 15' wide; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun to part shade & moist to well-drained acidic soil; cannot take constantly wet soils; drought tolerant; native to US & Canada; Zones 4 - 8</i>		1.75"	B&B	

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Quercus bicolor Sun Breaker® ('Green Nova') Swamp White Oak <i>DECIDUOUS SHADE TREE; non ornamental yellowish-green catkins in April; dark glossy green rounded-lobed summer foliage is usually a good yellow in fall but can also be reddish-purple; deeply furrowed & flaking bark; broadly pyramidal heads to about 50' tall by 40' wide; tolerates drought; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun to part shade & moist to well-drained acidic soil; cannot take constantly wet soils; native to US & Canada; Zones 4 - 8</i>		1.5" c 1.75" c 2" c 2.5" c	B&B B&B B&B B&B	_____ _____ _____ _____
Quercus coccinea Scarlet Oak <i>DECIDUOUS SHADE TREE; non ornamental yellowish-green catkins in April; deeply cut dark glossy green summer foliage turns dark red in late fall; pyramidal habit to about 70' tall by 40' wide; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & acidic well-drained soil; native to US & Canada; Zones 4 - 9</i>		1.5" c 1.75" c 2.5" c 3" c 3.5" c 4.5" c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Quercus imbricaria Shingle Oak; Laurel Oak <i>DECIDUOUS SHADE TREE; non ornamental yellowish-green catkins in April; long narrow dark glossy leaves turn yellowish-brown to reddish in fall; upright to rounded habit to about 60' tall & about as wide; important wildlife food source; tolerates drought & Black Walnut; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & moist well-drained acidic soil; US native; Zones (4) 5 - 8</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 3.5" c 4" c 4.5" c	B&B B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____ _____
Quercus x macdanielli Heritage® ('Clemons') Upright Hybrid Oak <i>DECIDUOUS SHADE TREE; non ornamental yellowish-green catkins in May; glossy dark green tatter and mildew resistant foliage which turns yellowish brown in fall; vigorous broadly upright to pyramidal habit to about 60' tall by 45' wide; retains central leader; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & most acidic to slightly alkaline soils [Q. macrocarpa x Q. robur] (Cully) Zones 4 - 7 (8)</i>		1.5" c 1.75" c 2" c 3" c 3.5" c 4" c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Quercus macrocarpa Burr Oak; Mossycup Oak <i>DECIDUOUS SHADE TREE; non ornamental yellowish-green catkins in April; bright green summer foliage turns variable shades of yellow-brown in fall; branches often have corky horizontal "wings"; irregular open broadly spreading heads to about 70' tall & often wider; fall transplant hazard; important wildlife food source; tolerates drought, wet, dry & clay soil & some urban conditions; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & moist to well-drained alkaline to acidic soil; native to US & Canada; Zones 3 - 8</i>		1.5" c 2.5" c 3" c 3.5" c 4" c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
Quercus muehlenbergii Chinkapin Oak; Yellow Chestnut Oak <i>DECIDUOUS SHADE TREE; non ornamental yellowish-green catkins in April; glossy light green summer fairly narrow lobed foliage turns shades from yellow to orange to brown in fall; wide spreading habit to about 50' tall with greater spread; important wildlife food source; tolerates drought; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & alkaline soil with adequate moisture; eastern & central US native; Zones (4) 5 - 7</i>		1.75" c 2" c 2.5" c 3" c 3.5" c 4.5" c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Quercus rubra Northern Red Oak <i>DECIDUOUS SHADE TREE; dark green summer foliage turns russet to bright red in fall; large grower to about 70' tall & wide; fall transplant hazard; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & well-drained neutral to acidic soil; some success to coastal areas; native to US & Canada; Zones (3) 4 - 7</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 3.5" c	25g B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____

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		4" c	B&B	_____
		4.5" c	B&B	_____
Quercus shumardii Southern Red Oak <i>DECIDUOUS SHADE TREE</i> ; non ornamental greenish catkins in April; shiny dark green summer foliage with spiny lobes turns a pretty good red in fall; pyramidal heads in youth become about as broad as tall when mature reaching about 60' tall by 40' wide; important wildlife food source; tolerates drought, dry soil & air pollution; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & well-drained soil; southeastern US native; Zones 5 - 9		1.5" c	B&B	_____
		1.75" c	B&B	_____
		2" c	B&B	_____
		2.5" c	B&B	_____
Quercus x warei Kindred Spiritâ„¢ ('Nadler') LOW BRANCHED Columnar Hybrid English Oak <i>DECIDUOUS ORNAMENTAL TREE</i> ; dark green summer foliage with silvery undersides turns shades of yellow & bronze in fall; narrow columnar habit to about 40' tall by 8' wide; drought & moisture tolerant; mildew resistant; important wildlife food source; fall transplant hazard however, if dug before leaf drop & thoroughly hydrated it has better survival results; sister seedling of Regal Prince; locate in full sun & most acidic to slightly alkaline soils [Q. robur 'Fastigiata' x Q. bicolor] (Nadler / Heritage) Zones 4 - 8		2" c	25g	_____
		2" c	B&B	_____
		1.5" c hvy	15g	_____
Quercus x warei Regal Prince® ('Long') Columnar Hybrid English Oak <i>DECIDUOUS ORNAMENTAL TREE</i> ; non ornamental yellowish-green catkins in April; leathery mildew resistant dark green foliage above & light green below becomes yellowish in fall; strong narrow upright habit to about 60' tall by 25' wide; resists wind & ice damage; tolerates drought; important wildlife food source; fall transplant hazard, however, if dug before leaf drop & thoroughly hydrated it has better survival results; locate in full sun & most acidic to slightly alkaline soils [Q. robur 'Fastigiata' x Q. bicolor] (Cully) Zones 4 - 8		1.75" c	B&B	_____
		2" c	B&B	_____
		2.5" c	B&B	_____
Salix alba 'Tristis' Golden Weeping Willow; Niobe Weeping Willow <i>DECIDUOUS SHADE TREE</i> ; early flowering from upright catkins (aka Pussy Willows); long narrow green foliage is silvery below & breaks bud in early spring & turns yellow in fall; golden young branches effective all winter; rapid grower with gracefully arching heads to about 50' tall by 40' wide; very weak wooded; locate in full sun & moisture retentive organic neutral to acidic soil; native to Europe & Asia; Zones 2 - 8 (9)		4.5" c	B&B	_____
Styrax japonicus 'Evening Light' Purple Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE</i> ; large white pendulous lightly fragrant flower clusters in early June contrasts beautifully with the dark foliage; bushy upright habit to about 10' tall by 8' wide in 10 years; leathery chocolate-burgundy foliage on reddish stems turns greenish-purple by mid-summer; best flower display & foliage color in full sun; locate in full sun to light shade (best) & deep organic well-drained moisture retentive acidic soil; eastern Asian native (Kolster) Zones 5 - 7 (8)		1.5" c	B&B	_____
		1.75" c	B&B	_____
Styrax japonicus 'Fragrant Fountain' Weeping Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE</i> ; profuse fragrant white flowers in May & June; upright leader with strongly weeping side branches creates a fairly narrow profile to about 6' tall by 3-4' wide; improved golden fall foliage over the species; locate in full sun or partial shade (best) & deep organic well-drained moisture retentive acidic soil; eastern Asian native (Crispin) Zones 5 - 7 (8)			15g	_____

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Styrax japonicus Nightfallä„¢ ('JFS 6SJ') Weeping Purple Snowbell <i>DECIDUOUS ORNAMENTAL TREE; white flowers in May & June contrast with the dark purple spring foliage that retains most of it's purple color through summer; compact weeping to about 10' tall by 6' wide, but varies with staking; locate in full sun or partial shade (best) & deep organic well-drained moisture retentive acidic soil; eastern Asian native (Warren / Schmidt) Zones 5 - 7 (8)</i>			15g	_____
Styrax japonicus 'Spring Showers' Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE; fragrant white pendulous flower clusters with golden centers in early to mid-June; upright or conical habit to about 12' tall by 8' wide in 10 years; fine textured dark green summer foliage turns light yellow in fall; resists twig dieback & lack of uniformity typical of seedlings; locate in full sun or partial shade (best) & deep organic well-drained moisture retentive acidic soil; eastern Asian native (Reed / USNA) Zones 5 - 8</i>		2"c	B&B	_____
Syringa meyeri 'Palibin' Dwarf Korean Lilac <i>DECIDUOUS FLOWERING SHRUB; purplish-pink buds open to profuse light pink flowers in May; compact spreading mound to 4' high by 6' wide; locate in full sun or light shade & well-drained organic soil of any pH; native to northeastern Asia; PHS Gold Metal; Zones 3 - 7</i>	BUSH		15g	_____
Syringa meyeri 'Palibin' Dwarf Korean Lilac <i>DECIDUOUS FLOWERING SHRUB; purplish-pink buds open to profuse light pink flowers in May; compact spreading mound to 4' high by 6' wide; branching starts 3-4' above the ground on a single stem; locate in full sun or light shade & well-drained organic soil of any pH; native to northeastern Asia; PHS Gold Metal; Zones 3 - 7</i>	TREE FORM	36" 36 - 42" spr 42 - 48" spr 48 - 54" spr 54 - 60" spr	25g B&B B&B B&B B&B	_____ _____ _____ _____ _____
Syringa pubescens ssp. patula 'Miss Kim' Manchurian Lilac <i>DECIDUOUS FLOWERING SHRUB; dark purple buds open to masses of very fragrant light lavender blooms with lighter centers in mid to late May that may be cut; dark green pointed summer foliage turns reddish-burgundy in fall; compact rounded habit to 6' tall by 5' wide; attracts butterflies & hummingbirds; resists deer browse; locate in full sun or light shade & well-drained organic soil of any pH; native to northeastern Asia; Zones 4 - 7</i>	BUSH		15g	_____
Syringa reticulata 'Ivory Silk' Japanese Tree Lilac <i>DECIDUOUS ORNAMENTAL TREE; profuse fragrant creamy-white flowers in June occur at a young age; upright oval heads to 25'; plants cut back at ground allowing multiple trunk to form; locate in full sun or light shade & well-drained organic soil of any pH; Japanese native; PHS Gold Metal (Sheridan N) Zones 3 - 7</i>	CLUMP	5' 6' 6' 6' 7'	B&B 15g 25g B&B B&B	_____ _____ _____ _____ _____
Syringa reticulata 'Ivory Silk' Japanese Tree Lilac <i>DECIDUOUS ORNAMENTAL TREE; profuse fragrant creamy-white flowers in June occur at a young age; upright oval heads to 25'; branching starts from a single trunk at about 5' above the ground; locate in full sun or light shade & well-drained organic soil of any pH; Japanese native; PHS Gold Metal (Sheridan N) Zones 3 - 7</i>	TREE FORM	1.5"c 1.75"c 2"c 2.5"c 3"c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____

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Syringa reticulata subsp. pekinensis Great Wall® ('WFH2') Pekin Lilac <i>DECIDUOUS ORNAMENTAL TREE; fragrant white flowers in mid to late June; small brown non-ornamental seed; dark glossy green foliage turns shades of gold in fall; cherry-like exfoliating bark; broadly upright habit to about 20' tall by 12' wide; locate in full sun or minimal shade & well-drained organic soil close to neutral pH; northern Chinese native (Klyn) Zones 4 - 7</i>		1.5" c 2.5" c 3" c 3.5" c	10g B&B B&B B&B B&B	_____ _____ _____ _____ _____
Taxodium distichum var. distichum Common Bald Cypress <i>DECIDUOUS CONIFER; globular cones of about 1" dia; yellowish-green needles turn brown in fall; pyramidal habit to about 100' or more tall by 50' or more wide; tolerant of urban situations with little water & compacted soils as well as wet tidal areas; alternate branching (opposite of Metasequoia); locate in full sun or minimal shade & moist to well-drained acidic soils; US native; Zones 4 - 11</i>		10 - 12' 12 - 14'	B&B B&B	_____ _____
Taxodium distichum var. distichum Lindsey's Skyward™, ♂ ('Skyward') Compact Columnar Common Bald Cypress <i>DECIDUOUS ORNAMENTAL CONIFER; non-ornamental flower in early spring; medium green spring foliage darkens by summer then orange to coppery color in fall for an extended period; textured coppery to bronze bark; narrow compact narrowly pyramidal habit to about 30' tall by 10' wide; does not develop "knees"; tolerant of urban situations with little water & compacted soils as well as wet tidal areas; locate in full sun or minimal shade & moist to well-drained acidic soils; US native; Zones 5 - 9</i>		8' 9' 10 - 12'	B&B B&B B&B	_____ _____ _____
Taxodium distichum var. distichum Shawnee Brave™, ♂ ('Mickelson') Columnar Common Bald Cypress <i>DECIDUOUS ORNAMENTAL CONIFER; non-ornamental flower in early spring; medium green spring foliage darkens by summer then turns orange to coppery-brown in fall for an extended period; textured coppery to bronze bark; narrow columnar habit to as much as 75' tall by 25' wide at maturity; tolerant of urban situations with little water & compacted soils as well as wet tidal areas; locate in full sun or minimal shade & moist to well-drained acidic soils; US native; Zones 4 - 11</i>		7' 8' 9' 10 - 12'	B&B B&B B&B B&B	_____ _____ _____ _____
Taxodium distichum var. imbricarium Debonair® ('Morris') Columnar Pond Bald Cypress; Columnar Pond Cypress <i>DECIDUOUS ORNAMENTAL CONIFER; long green deciduous needles turn reddish in fall; lateral branches are semi-pendulous giving it a graceful appearance; upright habit to about 60' tall by 25' wide; more tolerant of compacted soils & urban situations with little water than T. d. var. distichum; locate in full sun or minimal shade & moist to well-drained acidic soils; PHS Gold Metal; US native (Cully) Zones (4) 5 - 8 (9)</i>		12 - 14' 14 - 16'	B&B B&B	_____ _____
Taxodium distichum var. imbricarium 'Nutans' Columnar Pond Bald Cypress; Columnar Pond Cypress <i>ORNAMENTAL CONIFER; fairly narrow upright habit; short pendulous needles are held closely to the stem giving a light airy appearance; slow to moderate grower; bright green summer foliage turns bright orange in fall; likes wet soils; grows to 35' tall; locate in full sun or minimal shade & moist to well-drained acidic soils; more tolerant of compacted soils & urban situations with little water than T. d. var. distichum; US native; Zones (4) 5 - 9 (10)</i>		7' 8' 9' 10 - 12'	B&B B&B B&B B&B	_____ _____ _____ _____
Thuja x 'Green Giant' Hybrid Western Arborvitae; Hybrid Giant Arborvitae <i>EVERGREEN ORNAMENTAL CONIFER; bright green foliage; vigorous narrow conical habit to about 60' tall by 20' wide at maturity; very fast grower - up to 5' per year; minimal pest or disease problems; variable deer browse resistance; tolerant of coastal exposure but not persistent drought; locate in full sun or light shade & moist to well-drained soil of varying acidity; PHS Gold Metal [T. standishii x T. plicata] Asian / US cross (Poulsen) Zones 5 - 8</i>		5' 5.5' 6' 6.5' 7' 8' 9' 10 - 12'	25g B&B 10g B&B 15g B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____ _____

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Thuja occidentalis 'Hetz Wintergreen' / 'Hetz's Winter Green' Eastern Arborvitae; White Cedar <i>EVERGREEN ORNAMENTAL CONIFER; glossy dark green foliage with little to no winter bronzing; vigorous narrowly pyramidal habit with dominant central leader to about 25' tall by 8' wide; tolerant of air pollution & Black Walnut; resists ice damage; locate in full sun or light shade & most well-drained moisture retentive soils with acidity in the neutral range; native to eastern US & Canada [T. o. 'Pyramidalis' x T. o. 'Elegantissima'] (Hetz) Zones 3 - 7</i>		3.5'	15g	_____
Thuja occidentalis 'Techney' Mission Arborvitae; Mission White Cedar <i>EVERGREEN ORNAMENTAL CONIFER; dark green summer foliage does not bronze in winter; interior foliage has above normal tendency not to brown; columnar or upright pyramidal habit to about 10' tall by 5' wide in 10 years; tolerates clay soil, air pollution & Black Walnut; locate in full sun or light shade & well-drained moisture retentive soil that's neutral to slightly alkaline; native to eastern US & Canada; Zones (2) 3 - 7</i>		3.5'	15g	_____
Tilia americana 'Redmond' American Linden; Basswood <i>DECIDUOUS SHADE TREE; fragrant but inconspicuous pale yellow flowers in late June; dark green summer foliage turns yellowish-green in fall; dense pyramidal head to 80'; locate in full sun to partial shade & most moist organic well-drained soil; US native (Plumfield Ns) [T. americana x T. euchlora] Zones (3) 4 - 7 (8)</i>		1.5"c 1.75"c 2"c 2.5"c	B&B B&B B&B B&B	_____ _____ _____ _____
Tilia cordata 'Greenspire' Littleleaf Linden <i>DECIDUOUS SHADE TREE; very fragrant yellowish flowers in late June; dark green foliage turns yellow in fall; distinct pyramidal heads reaching 60' tall & half or more as wide; liked by Japanese Beetles; very tolerant of urban conditions; locate in full sun & most soils; native to Europe (Flemer) Zones (3) 4 - 7</i>		3"C 1.75"c 2"c 2.5"c	B&B B&B B&B B&B	_____ _____ _____ _____
Tilia tomentosa Sterling Silver® ('Sterling') Silver Linden <i>DECIDUOUS SHADE TREE; fragrant creamy-yellow flowers in late June are not showy; green summer foliage significant tomentose below is ornamental, especially in the wind; vigorous grower with pyramidal head to about 50' tall & half or more as wide; variable golden fall foliage; attracts pollinators; resists pests & Jap. Beetles; tolerates urban conditions, heat & drought; locate in full sun with moist well-drained soils; native to Europe & western Asia (Wandell) Zones 4 - 8</i>		2.5"C 1.5"c 1.75"c 2"c 3"c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
Ulmus americana 'Jefferson' American Elm <i>DECIDUOUS SHADE TREE; dark green persistent summer foliage turns yellow in fall; original plant on National Mall (DC) is broadly upright with arching branches to 70' tall by 50' wide at 70 years; tolerates drought, air pollution & black walnuts; highly resistant to Dutch elm disease; locate in full sun or light shade & moist or wet to well-drained soil that's widely pH & salt tolerant; native to US & Canada (Townsend / NPS & USNA) Zones 4 - 7</i>		3"c 3.5"c 4"c	B&B B&B B&B	_____ _____ _____
Ulmus americana 'Princeton' American Elm <i>DECIDUOUS SHADE TREE; green summer foliage turns yellowish in fall; upright habit with arching branches to about 75' tall by 50' wide; excellent lawn or shade tree; resistant to Dutch Elm disease but not most other problems; tolerates drought, salt, air pollution & black walnuts; locate in full sun or light shade & moist or wet to well-drained soil of any pH; native to US & Canada (Flemer) Zones 3 - 9</i>		2"c 2.5"c 3"c 3.5"c 4"c 4.5"c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____

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Ulmus x 'Frontier' Hybrid Elm <i>DECIDUOUS SHADE TREE; rarely flowers or fruits; small green summer foliage turns reddish-purple in fall; pyramidal to columnar habit to about 25' tall by 15' wide in 20 years; high resistance to Dutch elm disease & moderate resistance to elm leaf beetle & highly tolerant of elm yellows; good choice for urban locations; locate in full sun or light shade & moist or wet to well-drained soil that's widely pH & salt tolerant [U. carpinifolia x U. parvifolia] (Townsend / USNA) Zones 4 - 10</i>		1.75"c 2"c 2"c 2.5"c 3"c 3.5"c 4"c 4.5"c	B&B 25g B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____ _____
Ulmus parvifolia Allee® ('Emer II'; 'Emerald Vase') Lacebark Elm; Chinese Elm <i>DECIDUOUS SHADE TREE; small insignificant reddish-green flower in late summer yield thin samaras in fall; glossy dark green summer foliage turns yellowish &/or reddish-purple in fall; irregular patches of gray, green, orange & brown exfoliating bark; upright arching heads to about 50' tall by 40' wide; resistant to drought, Dutch Elm disease & elm leaf beetle; tolerant of salt & urban conditions; locate in full sun or light shade & moist or wet to well-drained soil of any pH; Asian native; Zones (5) 6 - 9</i>		3"c 3.5"c	B&B B&B	_____ _____
Ulmus parvifolia 'Burgundy' Lacebark Elm; Chinese Elm <i>DECIDUOUS SHADE TREE; small insignificant reddish-green flower in late summer yield thin samaras in fall; glossy dark green summer foliage turns red to yellow to pinkish in fall; very showy irregular patches of gray, green, orange & brown exfoliating bark; upright rounded heads to about 60' tall by 40' wide; resistant to drought, Dutch Elm disease & elm leaf beetle; tolerant of salt & urban conditions; locate in full sun or light shade & moist or wet to well-drained soil of any pH; Asian native (Dirr) Zones 7 - 9</i>		1.5"c 1.75"c 3"c 3.5"c 4"c 4.5"c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
Ulmus parvifolia 'Small Fry' Compact Lacebark Elm; Compact Chinese Elm <i>DECIDUOUS SHADE TREE; small insignificant reddish-green flower in late summer yield thin samaras in fall; glossy dark green summer foliage turns yellowish &/or reddish-purple in fall; irregular patches of gray, green, orange & brown exfoliating bark; compact rounded heads to about 30' tall & wide; resistant to drought, Dutch Elm disease & elm leaf beetle; tolerant of salt & urban conditions; locate in full sun or light shade & moist or wet to well-drained soil of any pH; Asian native; Zones (5) 6 - 9</i>		2"c 3"c 3.5"c 4"c	B&B B&B B&B B&B	_____ _____ _____ _____
Ulmus x Triumphân,ç ('Morton Glossy') Hybrid Elm <i>DECIDUOUS SHADE TREE; glossy summer foliage turns yellow in fall; very rapid upright grower to about 50' tall by 40' wide; somewhat vase shaped on maturity; it has slightly arching lateral branching and is resistant to most Elm disease issues; locate in full sun or light shade & moist or wet to well-drained soil that's widely pH & salt tolerant [U. Accolade & U. Vanguard] (Chicagoland Grows) Zones 5 - 7</i>		1.5"c 1.75"c 2"c 2.5"c 3"c 3.5"c 4"c 4.5"c	B&B B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____ _____
Viburnum plicatum f. plicatum Newport® ('Newzam') Dwarf Japanese Snowball Viburnum <i>DECIDUOUS FLOWERING SHRUB; small white sterile ball-like flowers; dwarf mounding habit to 4' by 4'; small leathery dark green summer foliage turns dark red to purplish in fall; attracts butterflies; locate in full sun or light shade & well-drained moisture retentive soil; somewhat drought tolerant; native to eastern Asia; Zones 5 - 7 (8)</i>			15g	_____
Viburnum plicatum f. tomentosum 'Mariesii' Double-file Viburnum <i>DECIDUOUS FLOWERING SHRUB; horizontal spreading branches are covered by white flowers in May, followed by red fruit in summer that turns to black; grows to 8' tall by 12' wide; locate in full sun to light shade & well-drained moisture retentive soil; native to eastern Asia; Zones 5 - 7 (8)</i>			15g	_____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
Viburnum plicatum f. tomentosum 'Shasta' Double-file Viburnum <i>DECIDUOUS FLOWERING SHRUB; profuse 5" white cymes in May along the branches; red fruit in July matures to black over several weeks; dark green summer foliage turns purplish-red to maroon in fall; broadly spreading habit to as much as 6' tall by 12' wide; locate in full sun to light shade & well-drained moisture retentive soil; PHS Gold Metal; native to eastern Asia (Egolf / USNA) Zones (5) 6 - 8</i>			15g	
Viburnum prunifolium Blackhaw Viburnum <i>DECIDUOUS FLOWERING SHRUB; small white flower clusters in May are a little malodorous; edible fruit in September appears pink before turning to black is favored by birds & can be made into jams; dark green summer foliage turns purple to red in fall; upright habit to about 15' tall by 12' wide at maturity; tolerant of drought, urban settings & Black Walnut; locate in full sun or light shade & moisture retentive well-drained soil; eastern US native; Zones 3 - 9</i>			10g	
Zelkova serrata 'Green Vase' Japanese Zelkova <i>DECIDUOUS SHADE TREE; dark green summer foliage turns orange to bronze in fall; vigorous upright arching heads to about 60' tall by 40' wide; tolerant of urban conditions; locate in full sun or light shade & moist well-drained soil of varying pH; PHS Gold Metal; Asian native (Flemer) Zones (4) 5 - 8</i>		1.5"c	B&B	
		1.75"c	B&B	
		2"c	25g	
		2"c	B&B	
		2.5"c	B&B	
		3"c	B&B	
		3.5"c	B&B	
		4"c	B&B	
Zelkova serrata Wireless® ('Schmidtlow') Japanese Zelkova <i>DECIDUOUS SHADE TREE; medium green summer foliage turns red in fall; broadly spreading heads maturing to about 25' tall by 40' wide; selected for use under utility lines; tolerant of urban conditions; locate in full sun or light shade & moist well-drained soil of varying pH; Asian native; Zones (4) 5 - 8</i>		4.5"c	B&B	
		2"c	B&B	
		2.5"c	B&B	
		3"c	B&B	
		4.5"c	B&B	

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY

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