

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Acer campestre Streetside® ('JFS-Schichtel2')</b> 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 &amp; about any well-drained soil; native to Europe &amp; western Asia; Zones (4) 5 - 8</i>		1.75" c	B&B	_____
		2" c	B&B	_____
		2.5" c	B&B	_____
		3" c	B&B	_____
		3.5" c	B&B	_____
		4" c	B&B	_____
<b>Acer x Crimson Sunset® ('JFS-KW202')</b> 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 &amp; just about any soil pH with reasonable drainage; Asian / European cross [A. truncatum x A. platanoides] (Warren / Schmidt) Zones 4 - 9</i>		2" c	25g	_____
		2" c	B&B	_____
		2.5" c	B&B	_____
		3" c	B&B	_____
<b>Acer freemanii Autumn Blaze® ('Jeffersred')</b> 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 &amp; 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>		2" c	25g	_____
		2" c	B&B	_____
		3.5" c	B&B	_____
		4" c	B&B	_____
		4.5" c	B&B	_____
<b>Acer ginnala 'Ruby Slippers'</b> <i>see: Acer tataricum subsp. ginnala 'Ruby Slippers'</i>				_____
<b>Acer griseum</b>  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 &amp; branching reaching to about 25' tall &amp; wide; branching starts at the ground &amp; sometimes with multiple main trunks; tolerates alkaline &amp; clay soil; not drought tolerant; locate in full sun to partial shade (preferred) &amp; most soils with good to moderate drainage; PHS Gold Metal; Chinese native; Zones 4 - 8</i>	<b>CLUMP</b>	5'	B&B	_____
		6'	B&B	_____
<b>Acer griseum</b>  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 &amp; branching reaching to about 25' tall &amp; wide; usually a single trunk for 3' to 6'; tolerates alkaline &amp; clay soil; not drought tolerant; locate in full sun to partial shade (preferred) &amp; most soils with good to moderate drainage; PHS Gold Metal; Chinese native; Zones 4 - 8</i>	<b>TREE FORM</b>	1.5" c	B&B	_____
		1.75" c	B&B	_____
		3.5" c	B&B	_____
<b>Acer pseudosieboldianum</b>  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 &amp; wide; similar look to A. palmatum &amp; A. japonicum; dark green summer foliage turns shades of yellow, orange &amp; red in fall; not drought tolerant; locate in full to partial sun with moist well-drained soil; Asian native; Zones 4 - 8</i>	<b>CLUMP</b>	5 - 6'	25g	_____

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<b>Acer rubrum 'Armstrong'</b> 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 &amp; most any soil regardless of acidity or moisture but not wet; native US cross [A. rubrum x A. saccharinum] Zones 3 - 9</i>		2.5" c 3.5" c 4" c	B&B B&B B&B	_____ _____ _____
<b>Acer rubrum Armstrong Goldä„ç ('JFS-KW78')</b> <b>LOW BRANCHED</b> Columnar Red Maple <i>DECIDUOUS SHADE TREE; narrow upright habit to about 40' by 12' in 30 years; finer textured foliage &amp; greater branch density than 'Armstrong'; rich green summer foliage turns gold to golden orange in fall; locate in full sun &amp; most any soil regardless of acidity or moisture but not wet; US native (Schmidt / Warren) Zones 4 - 9</i>		1.5" c 1.75" c 2" c	B&B B&B 25g	_____ _____ _____
<b>Acer rubrum Armstrong Goldä„ç ('JFS-KW78')</b> <b>TREE FORM</b> Columnar Red Maple <i>DECIDUOUS SHADE TREE; narrow upright habit to about 40' by 12' in 30 years; finer textured foliage &amp; greater branch density than 'Armstrong'; rich green summer foliage turns gold to golden orange in fall; locate in full sun &amp; most any soil regardless of acidity or moisture but not wet; US native (Schmidt / Warren) Zones 4 - 9</i>		1.5" c 1.75" c 1.75" c 2" c 3" c 1.5" c hvy	B&B 25g B&B B&B B&B 10g	_____ _____ _____ _____ _____ _____
<b>Acer rubrum 'October Glory'</b> 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 &amp; about as wide; locate in full sun &amp; moisture retentive well-drained slightly acidic soil; not as cold hardy as Red Sunset; US native (Flemer) Zone 5 - 9</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	_____ _____ _____ _____ _____ _____
<b>Acer rubrum Red Sunset® ('Franksred')</b> 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 &amp; moisture retentive well-drained slightly acidic soil; US native; not as drought tolerant as most other cultivars (Schmidt) Zones 4 - 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	_____ _____ _____ _____ _____ _____
<b>Acer rubrum Redpointe® ('Frank Jr')</b> 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 &amp; moisture retentive well-drained slightly acidic soil; US native (Schmidt) Zones 4 - 9</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 2" c hvy	B&B 15g B&B B&B B&B B&B B&B B&B B&B 25g	_____ _____ _____ _____ _____ _____ _____ _____ _____ _____
<b>Acer saccharum Fall Fiesta® ('Bailsta')</b> Sugar Maple <i>DECIDUOUS SHADE TREE; thick glossy green summer foliage resists leaf tatter &amp; leafhopper damage; fall foliage is more red &amp; orange than most other cultivars; rapid upright grower to about 60' tall by 50' wide; locate in full sun or partial shade &amp; 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" 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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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Acer saccharum 'Green Mountain'</b> Sugar Maple <i>DECIDUOUS SHADE TREE; thick matt-green foliage resists scorch &amp; 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 &amp; 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 2.5"c 3"c 3.5"c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Acer tataricum subsp. ginnala 'Ruby Slippers'</b> Amur Maple <i>DECIDUOUS SHADE TREE; persistent bright red samaras in profusion in June; glossy green summer foliage turns shades of yellow &amp; green in fall; compact rounded heads to 25' high &amp; wide; good under utility lines; locate in full sun to light shade &amp; 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	_____ _____ _____ _____ _____ _____ _____ _____
<b>Acer triflorum</b> Three-flower Maple <i>DECIDUOUS SHADE TREE; medium sized slow growing shade tree to about 30' tall &amp; wide with a rounded head; dark green summer foliage turns shades of red &amp; orange in late October; tan bark exfoliates in vertical strips revealing orange-brown inner bark; pest resistant; locate in full sun or partial shade &amp; moisture retentive acidic well-drained soil; Asian native; Zones (4) 5 - 7</i>		1.5"c 1.75"c 2"c 2.5"c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Aesculus glabra</b>  <b>TREE FORM</b> 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 &amp; yellow in fall but sometimes there are shades of orange &amp; red; variable wide-spreading habit (shrub or tree) from 20-40' tall &amp; wide; attracts hummingbirds &amp; butterflies; tolerates rabbits &amp; Black Walnut; not drought tolerant; has taproot; locate in full sun to light shade &amp; rich organic slightly acidic well-drained moisture retentive soil; US native; Zones 4 - 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	_____ _____ _____ _____ _____
<b>Aesculus glabra Early Glowâ„¢ ('JN Select')</b> 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 &amp; butterflies; resists leaf blotch &amp; leaf scorch; tolerates urban conditions, rabbits &amp; Black Walnut; not drought tolerant; has taproot; locate in full sun to light shade &amp; rich organic slightly acidic well-drained moisture retentive soil; US native (Yanney) Zones (3) 4 - 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	_____ _____ _____ _____ _____
<b>Amelanchier alnifolia Standing Ovationâ„¢ ('Obeslsk')</b> 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 &amp; red in fall; somewhat deer browse resistant; very drought tolerant when established; locate in full sun or light shade &amp; most soil typs &amp; acidity; native to north central US &amp; Canada; Zones 2 - 7 (8)</i>			15g	_____
<b>Amelanchier x grandiflora 'Autumn Brilliance'</b>  <b>SHRUB FORM</b> Apple Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; white flowers in April before the foliage; edible blue-black fruit matures in June; foliage resists leaf spot &amp; turns showy shades of orange &amp; red in fall; bushy broadly upright upright habit to about 25' tall &amp; wide; stoloniferous; locate in full sun to partial shade &amp; moist well-drained acidic soil; native US cross [A. arborea x A. laevis] (Wandell) Zones 4 - 9</i>		5' 5' 5' 5.5 - 6' 6'	15g 25g B&B 25g B&B	_____ _____ _____ _____ _____

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<b>Amelanchier x grandiflora 'Autumn Brilliance'</b> <b>TREE FORM</b> Apple Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; white flowers in April before the foliage; edible blue-black fruit matures in June; foliage resists leaf spot &amp; turns showy shades of orange &amp; red in fall; bushy broadly upright habit to about 25' tall &amp; wide; trained to a single trunk; stoloniferous; locate in full sun to partial shade &amp; moist well-drained acidic soil; native US cross [A. arborea x A. laevis] (Wandell) Zones 4 - 9</i>		1.5" c 2" c	B&B B&B	_____ _____ _____
<b>Amelanchier laevis Lustre® ('Rodgers')</b> 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 &amp; pH adaptable; US native; Zones 4 - 8</i>		2" c	15g 25g	_____ _____
<b>Amelanchier laevis Spring Flurry® ('JFS-Arb')</b> 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 &amp; pH adaptable well-drained soil; US native; Zones 4 - 8</i>		1.5" c 1.5" c 1.75" c 1.75" c 2" c	10g 15g 25g B&B B&B	_____ _____ _____ _____ _____
<b>Asimina triloba</b> 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 &amp; wide; highly resistant to deer browse; locate in full sun or shade &amp; moist to wet soils, although is being seen in dryer sites; eastern US native; Zones 5 - 8</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	_____ _____ _____ _____ _____ _____ _____
<b>Betula lenta subsp. uber</b> <i>see: Betula uber</i>				_____
<b>Betula nigra Heritage® ('Cully')</b> <b>CLUMP</b> 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 &amp; borers; tolerates wet soils; fall dig hazard; locate in full sun or minimal shade &amp; moist acidic soil; supposedly improved selection of original Heritage; US native (Cully) Zones 3 - 9</i>		14 - 16'	B&B	_____
<b>Betula nigra Heritage® ('Cully')</b> <b>TREE FORM</b> 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 &amp; borers; tolerates wet soils; fall dig hazard; locate in full sun or minimal shade &amp; moist acidic soil; supposedly improved selection of original Heritage; US native (Cully) Zones 3 - 9</i>		2" c 2.5" c 3" c	25g B&B B&B B&B	_____ _____ _____ _____
<b>Betula nigra Northern Tribute™,¢ ('Dickinson')</b> 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 &amp; alkaline soils than seedling River Birch; fall dig hazard; locate in full or minimal shade &amp; a wide range of soils; US native (Herman) Zones 3 - 9</i>		3.5" c	B&B	_____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Betula uber</b> Virginia Round-leaf Birch <i>DECIDUOUS ORNAMENTAL TREE; Endangered! originally thought to be subspecies of B. lenta; endemic to Smyth County, VA; male &amp; female catkins aren't ornamental; fruit are also non-ornamental winged nutlets; oval or broadly pyramidal green summer foliage turns yellow in fall; smooth nearly black bark with horizontal lenticels more gray with age; upright habit to about 50' tall by 40' wide; attracts several moths &amp; butterflies; tolerates clay &amp; rocky soils; intolerant of urban conditions; locate in full sun to partial shade &amp; well-drained moisture retentive neutral to acidic soil; native to eastern N. America; Zones 3 - 8</i>		1.75" c 2" c	B&B B&B	_____ _____ _____
<b>Carpinus betulus 'Fastigiata'</b> <b>HIGH BRANCHED</b> 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 &amp; about 30' wide; good for hedging as it takes shearing well &amp; 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 &amp; any soil with moderate drainage; native to Europe &amp; Asia Minor; Zones 5 - 8</i>		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>Carpinus betulus 'Fastigiata'</b> <b>LOW BRANCHED</b> 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 &amp; about 30' wide; good for hedging as it takes shearing well &amp; 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 &amp; any soil with moderate drainage; native to Europe &amp; Asia Minor; Zones 5 - 8</i>		1.75" c 2" c 3.5" c	25g B&B 25g B&B	_____ _____ _____ _____
<b>Carpinus betulus 'Franz Fontaine'</b> 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 &amp; about 30' wide; good for hedging as it takes shearing well &amp; 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 &amp; any soil with moderate drainage; native to Europe &amp; Asia Minor; Zones 5 - 8</i>		2" c	B&B	_____
<b>Carpinus caroliniana</b> <b>CLUMP</b> 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 &amp; wide; tolerant of heavy shearing &amp; Black Walnut; branching starts at or near the ground on each trunk; locate in full sun or full shade &amp; just about soil condition; US native; Zones 3 - 9</i>		7'	B&B	_____
<b>Carpinus caroliniana</b> <b>LOW BRANCHED</b> 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 &amp; wide; tolerant of heavy shearing &amp; Black Walnut; branching starts at or near the ground; locate in full sun or full shade &amp; just about soil condition; US native; Zones 3 - 9</i>		7'	B&B	_____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Carpinus caroliniana</b> <b>TREE FORM</b> 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 &amp; wide; tolerant of heavy shearing &amp; Black Walnut; branching starts about 4' above the ground; locate in full sun or full shade &amp; just about soil condition; US native; Zones 3 - 9</i>		2" c 2.5" c 3" c	B&B B&B B&B	_____ _____ _____
<b>Carpinus caroliniana Fire King<sup>®</sup>, ♂ ('JM Select A')</b> American Hornbeam; Ironwood; Musclewood <i>DECIDUOUS SHADE TREE; inconspicuous white (female) or green (male) catkins in early spring; rounded heads to about 20' tall &amp; 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" c 2" c	B&B B&B	_____ _____
<b>Carpinus caroliniana Native Flame<sup>®</sup> ('JFS-KW6')</b> 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 &amp; wide; tolerant of heavy shearing; branching starts at or near the ground; locate in full sun or full shade &amp; just about soil condition; US native; Zones 3 - 9</i>		2" c	25g	_____
<b>Carpinus caroliniana Palisade<sup>®</sup> ('CCSQU')</b> 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 &amp; just about soil condition; US native; Zones 3 - 9</i>		1.5" c 1.75" c	B&B B&B	_____ _____
<b>Catalpa speciosa</b> 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 green summer foliage turns yellowish-green in fall; rapid growing upright habit to about 70' tall by 40' or more wide; tolerates deer, wet &amp; dry soil, air pollution &amp; heavy soil; locate in sun or partial shade &amp; just about any soil with reasonable drainage; US native; Zones 4 - 8 (9)</i>		2.5" c 3" c	B&B B&B	_____ _____
<b>Catalpa speciosa Heartland<sup>®</sup> ('Hiawatha2')</b> 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 &amp; dry soil, air pollution &amp; heavy soil; locate in sun or partial shade &amp; just about any soil with reasonable drainage; US native (Schmidt) Zones 4 - 8 (9)</i>		2" c 2.5" c 3" c 4" c 4.5" c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
<b>Celtis occidentalis</b> 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 &amp; wide; tolerates urban conditions &amp; occasional flooding; resists drought, limited salt exposure &amp; most pests; locate in full sun &amp; prefers neutral to alkaline moisture retentive soil that isn't wet for extended periods; native to US &amp; Canada; Zones 3 - 7 (8)</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	_____ _____ _____ _____ _____ _____ _____ _____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Cercis canadensis</b> 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 &amp; any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native; Zones (3) 4 - 9</i>	<b>BUSH</b>	5' 6' 7' 8' 9'	25g B&B B&B B&B B&B	_____ _____ _____ _____ _____
<b>Cercis canadensis</b> 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 &amp; any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native; Zones (3) 4 - 9</i>	<b>TREE FORM</b>	1.5" c full 1.5" c 1.75" c 1.75" c 2" c 2.5" c	15g B&B 25g B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Cercis canadensis 'Appalachian Red'</b> 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 &amp; any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native (Byrkit) Zones 4 - 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	_____ _____ _____ _____ _____
<b>Cercis canadensis Black Pearl<sup>®</sup> ('JN16')</b> 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 &amp; any well-drained moisture retentive soil; US native [Ruby Falls x The Rising Sun] (Garden Debut) Zones 4 - 9</i>		1.75" c 2" c	B&B B&B	_____ _____
<b>Cercis canadensis Carolina Sweetheart<sup>®</sup> ('NCCC1')</b> Variegated Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; flowers are more pink than the species; new leaves unfurl bright pink &amp; soon add green &amp; 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 &amp; any well-drained moisture retentive soil; US native (Star) Zones 4 - 9</i>		0.75" c 1.75" c 2" c 2.5" c	15g B&B B&B B&B	_____ _____ _____ _____
<b>Cercis canadensis Cotton Candy<sup>®</sup> ('Sjo')</b> Pink Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; reddish-purple buds open to very pale pink flowers with some lavender straking in April; green spring &amp; summer foliage turn shades of yellow in fall; upright habit to about 25' tall by 15' wide; attracts pollinators; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade &amp; well-drained moisture retentive soil of any pH; US native (Sjo) Zones 4 - 9</i>			15g	_____
<b>Cercis canadensis f. alba 'Royal White'</b> 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 &amp; wide; resistant to Black Walnut; locate in full sun or partial shade &amp; 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	B&B B&B	_____ _____

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# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Cercis canadensis Flame Thrower® ('NC2016-2')</b> Variegated Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; pink blooms in April before foliage; spring foliage emerges burgundy-red then adds yellow &amp; green before turning dark green by summer then variable shades of yellow in fall; wide-spreading habit 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 &amp; any well-drained moisture retentive soil; US native (Werner / Star) Zones 4 - 9</i>		1.5" c 1.75" c 2" c 2.5" c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Cercis canadensis 'Forest Pansy'</b> 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 &amp; any well-drained moisture retentive soil; US native (Forest N) Zones (4) 5 - 9</i>	<b>BUSH</b>	8'	B&B	_____
<b>Cercis canadensis Golden Falls® ('NC2015-12')</b> Golden Weeping Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink flowers in April; spring foliage emerges orange with yellow dominating &amp; retained through summer; strictly weeping habit; height determined by staking; resistant to Black Walnut; locate in full sun or partial shade &amp; any well-drained moisture retentive soil; not tolerant of very wet or dry soils; US native (Werner / Star) Zones 4 - 9</i>		1.75" c 2" c 2.5" c	B&B B&B B&B	_____ _____ _____
<b>Cercis canadensis Heart's Desireâ„¢ ('UMN7101')</b> 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 &amp; any well-drained moisture retentive soil; US native (U of MN Arb / Schmidt) Zones (3) 4 - 9</i>		1.75" c	15g	_____
<b>Cercis canadensis Lavender Twistâ„¢ ('Covey')</b> 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 &amp; any well-drained moisture retentive soil; US native (Brotzman) Zones 4 - 9</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
<b>Cercis canadensis 'Merlot'</b> 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 &amp; any well-drained moisture retentive soil; parentage makes it more heat &amp; drought tolerant; US native ['Texas White' x 'Forest Pansy'] (Werner / Plant Haven) Zones 4 - 9</i>		1.5c 1" c 1.75" c 2" c 2.5" c 3" c	B&B 15g B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Cercis canadensis Midnight Expressâ„¢ ('RNI-RCC3')</b> 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 &amp; any well-drained moisture retentive soil; US native (Robinson / PW) Zones 4 - 9</i>		2" c 2.5" c	B&B B&B	_____ _____



# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY	
<b>Cercis canadensis Northern Herald® ('Pink Trim')</b> Pink Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; red buds open to hot pink flowers in April; less brown seed pods than normal; leathery spring foliage emerges chartreuse before turning dark green by summer then a buttery yellow in fall; upright habit to about 20' tall by 15' wide; resists Black Walnut; not tolerant of very wet or very dry soils; hardier cultivar; locate in full sun or partial shade &amp; any well-drained moisture retentive soil; US native (NDSU / Morgenson) Zones (3) 4 - 9</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____	<b>N</b>
<b>Cercis canadensis 'Ruby Falls'</b> 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 &amp; 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 &amp; any well-drained moisture retentive soil; US native [C.c. 'Covey' x C.c. 'Forest Pansy'] (Byrkit / Werner) Zones 4 - 9</i>		1.75" c 2.5" c 3" c	B&B B&B B&B	_____ _____ _____	
<b>Cercis canadensis Sky Valley</b> Eastern Redbud		2.5" c 3" c 3.5" c	B&B B&B B&B	_____ _____ _____	
<b>Cercis canadensis Sparkling Wine™, ♂ ('JN21')</b> 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 &amp; wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade &amp; any well-drained moisture retentive soil; US native (Garden Debut) Zones 4 - 9</i>		2.5" c 3" c	B&B B&B	_____ _____	
<b>Cercis canadensis subsp. texensis 'Oklahoma'</b> 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 &amp; wide; locate in sun or part shade &amp; most well-drained moisture retentive soil; US native; Zones 6 - 9</i>		2.5" c 3" c	B&B B&B	_____ _____	
<b>Cercis canadensis subsp. texensis 'Pink Pom Poms'</b> 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 &amp; wide in 8 years; locate in sun or part shade &amp; most well-drained moisture retentive soil; US native (Werner / Star) Zones 6 - 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	_____ _____ _____ _____ _____ _____ _____ _____	
<b>Cercis canadensis The Rising Sun™, ♂ ('JN2')</b> 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 &amp; finally lime green by summer; fall reintroduces the bright gold to orange tones; rounded habit to about 25' tall &amp; wide; resists Black Walnut; not tolerant of very wet or very dry soils; locate in full sun or partial shade &amp; any well-drained moisture retentive soil; US native (Jackson) Zones (5) 6 - 9</i>		0.75" c	15g	_____	
<b>Cercis canadensis 'Vanilla Twist'</b> 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 &amp; any well-drained moisture retentive soil; US native [C. Royal White x C. Lavender Twist] (Brotzman) Zones 5 - 9</i>		3" c 3.5" c	B&B B&B	_____ _____	

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**N** denotes new plants and/or sizes for Fall 2023 / Spring 2024

9 / October 31, 2023

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Cercis canadensis Zig Zag® ('Seirb')</b> Contorted Redbud <i>DECIDUOUS ORNAMENTAL TREE; magenta buds open to masses of lavender-pink blooms along all the branches in April; green summer foliage turns variable shades of yellow in fall; very distinct &amp; unique zig zagging of the branches increases winter interest; broadly upright habit to about 25' 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 &amp; any well-drained moisture retentive soil; US native; Zones (3) 4 - 9</i>			15g	_____
<b>Cercis chinensis 'Kay's Early Hope'</b>  <b>TREE FORM</b> Chinese Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink blooms just before C. canadensis are effective a little longer than most other Chinese Redbuds; blooms may overlap for a short time; long brown seed pods in fall; glossy green summer foliage turns yellowish in fall; upright vase-shaped multi-stemmed habit to about 15' tall &amp; wide; attracts pollinators; resists deer browse; tolerates Black Walnut, shade &amp; drought; locate in full sun or part shade &amp; any well-drained soil; Chinese native (JC Raulston Arb) Zones 6 - 9</i>		1.5"c 1.75"c 2"c	B&B B&B B&B	_____ _____ _____
<b>Chionanthus retusus 'Tokyo Tower'</b> 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 &amp; moisture retentive well-drained acidic soil; not drought tolerant; native to eastern Asia; Zones (5) 6 - 8</i>		1.5"c 2.5"c	B&B B&B	_____ _____
<b>Chionanthus virginicus</b> White Fringetree <i>DECIDUOUS ORNAMENTAL TREE; lightly fragrant creamy white fringe-like flowers in May or early June; some flowers are perfect others are male or female; dark bluish-black fruit in late summer from female flowers attract birds; dark green summer foliage turns yellowish in fall; winter bark can have red furrows; bushy broadly upright habit to about 20' tall &amp; wide; these plants are trained with a single trunk to about 3' or more; tolerates Black Locust &amp; pollution; locate in full sun to partial shade &amp; most well-drained moisture retentive soils; eastern US native; Zones (3) 4 - 9</i>		1.5"c	B&B	_____
<b>Cladrastis kentukea</b> 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 &amp; well-drained soil of any pH; PHS Gold Metal; formerly named C. lutea; US native; Zones (3) 4 - 8</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	_____ _____ _____ _____ _____ _____ _____
<b>Cornus controversa June Snow™,¢ ('June Snow-JFS')</b> Giant Dogwood; Wedding Cake Tree <i>DECIDUOUS ORNAMENTAL TREE; white cymes from late May into June are up to 7" diameter; small fruit follows that transitions from red to purple to bluish-black by late summer; dark green summer foliage with lighter undersides turns shades ranging from yellowish-orange to reddish-purple in fall; distinctive horizontal broadly-spreading layered habit to about 30' tall by 40' wide in time; locate in full to mostly sunny locations &amp; organic acidic well-drained moisture retentive soil; found in Media, PA; Asian native (Warren / Schmidt) Zones 5 - 8</i>		1.75"c 2"c 3.5"c	B&B B&B B&B	_____ _____ _____

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<b>Cornus florida 'Appalachian Snow'</b> 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 &amp; 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	10g B&B B&B	_____
<b>Cornus florida 'Cloud 9'</b> 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 &amp; wide; locate in full sun to partial shade with good organic well-drained moisture retentive acidic soil; US native; Zones (5) 6 - 9</i>		1.5"c	15g	_____
<b>Cornus florida 'Spring Grove'</b> 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 &amp; wide; selected for improved hardiness &amp; 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	_____
<b>Cornus kousa Blue Rayâ„¢ ('JN6')</b> Kousa Dogwood; Japanese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; showy creamy-white bracts from late May into June; edible round bright red fruit from late summer into fall; bluish-green summer foliage turns shades of red and/or orange in fall; mottled gray &amp; tan exfoliating bark; broadly upright habit to about about 20' tall &amp; wide; locate in full sun to partial shade &amp; slightly acidic organic well-drained moisture retentive soil; Asian native (Polly Hill Arb) Zones 5 - 8</i>		1.5"c	B&B	_____
<b>Cornus kousa 'Blue Shadow'</b> Kousa Dogwood; Japanese 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; large bluish-green summer foliage turns variable shades reddish-orange to purple in fall; mottled gray &amp; tan exfoliating bark; short single trunk; tan &amp; gray exfoliating bark; vase shaped when young becomes as high &amp; wide at maturity - about 25'; branching starting at about 2-3'; locate in full sun to partial shade &amp; acidic organic well-drained moisture retentive soil; Asian native (Polly Hill Arb) Zones 4 - 8</i>		1.75"c	B&B	_____
<b>Cornus kousa 'Heart Throb'</b> 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	_____
<b>Cornus kousa var. chinensis</b> 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 &amp; foliage reported to be slightly larger than the species; mottled gray &amp; tan exfoliating bark; vase shaped when young becomes as high &amp; wide at maturity - about 25'; plants have a single trunk with branching starting at about 2-3'; locate in full sun to partial shade &amp; acidic organic well-drained moisture retentive soil; Asian native; Zones 5 - 8</i>	<b>BUSH</b>	5' 7'	25g B&B B&B	_____

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<b>Cornus mas 'Golden Glory'</b> <b>TREE FORM</b> 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 &amp; 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 &amp; western Asia; Zones 4 - 7</i>		1.5" c 1.75" c	B&B B&B	_____ _____ _____
<b>Cornus mas Saffron Sentinelâ„¢ ('JFS PN4Legacy')</b> 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 &amp; western Asia; Zones 4 - 7</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
<b>Cornus officinalis 'Kintoki'</b> <b>SHRUB FORM</b> Compact Chinese Cornel Dogwood <i>DECIDUOUS ORNAMENTAL TREE; even more profuse yellow flowers in early spring before the foliage &amp; 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 &amp; moisture retentive well-drained neutral to acidic organic soil; Chinese native; Zones 5 - 8</i>		4' 5'	B&B B&B	_____ _____
<b>Cornus officinalis 'Kintoki'</b> <b>TREE FORM</b> Compact Chinese Cornel Dogwood <i>DECIDUOUS ORNAMENTAL TREE; even more profuse yellow flowers in early spring before the foliage &amp; 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 &amp; moisture retentive well-drained neutral to acidic organic soil; Chinese native; Zones 5 - 8</i>		1.5" c	B&B	_____
<b>Cornus x Scarlet Fire® ('Rutpink')</b> 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 &amp; 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 &amp; borers; locate in full sun to partial shade &amp; 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 15g B&B B&B B&B	_____ _____ _____ _____ _____
<b>Cornus x Venus® ('KN30-8')</b> 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 &amp; wide in 20 years &amp; even wider than tall at maturity; resistant to powdery mildew, anthracnose &amp; borers; locate in full sun to partial shade &amp; organic well-drained moisture retentive acidic soil [C. kousa x C. nuttallii x C. kousa] (Orton) Zones 6 - 8 (9)</i>		1.5" c 1.75" c	B&B B&B	_____ _____
<b>Cotinus x 'Grace'</b> Hybrid Smoketree <i>DECIDUOUS FLOWERING SHRUB; light reddish-purple spring foliage turns blue-green by summer; puffy pink flowers in late spring; fall foliage turns brilliant shades of red, orange &amp; yellow; locate in full sun &amp; well drained alkaline to neutral soils [C. cog. 'Velvet Cloak' x C. obovatus] (Dummer) Zones (4) 5 - 8</i>		4.5' x 5' spr	15g	_____

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<b>Crataegus viridis 'Winter King'</b> Green Hawthorn <i>DECIDUOUS ORNAMENTAL TREE; profuse white flowers in May; persistent red fruit from early fall through early winter; prominent thorns; smooth light gray bark; glossy dark green summer foliage turns scarlet in fall; spreading to rounded heads to about 20' tall by 25' wide in time; locate in full sun &amp; any well drained soil; PHS Gold Metal; US native (Simpson N) Zones 4 - 7</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
<b>Diospyros virginiana</b> Persimmon <i>DECIDUOUS FRUIT TREE; fragrant white to greenish-yellow male &amp; female flowers on the same plants in late spring; persistent orange to reddish-purple fruit in fall; glossy green summer foliage turns yellowish in fall; upright grower to about 50' tall by 30' wide - although varies widely with location; locate in full sun or partial sunny locations &amp; most soil types with reasonable drainage; eastern US native; Zones 4 - 9</i>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____
<b>Eucommia ulmoides</b> 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 &amp; drought; stem die-back has been noticed in some locations; locate in full sun &amp; any well-drained soil; native to China; Zones (4) 5 - 7</i>		1.5" c 1.75" c 2" c 2.5" c 3" c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
<b>Fagus grandiflora</b> 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 &amp; wide (if given space); climax forest tree; not tolerant of urban conditions or compacted soils; locate in sun or shade &amp; well-drained organic slightly acidic soils; US native; Zones 4 - 9</i>	<b>LOW BRANCHED</b>	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	_____ _____ _____ _____ _____ _____ _____ _____
<b>Fagus sylvatica</b> 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>	<b>LOW BRANCHED</b>	1.5" c 1.75" c 2" c 2.5" c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Ginkgo biloba 'Autumn Gold'</b> 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 &amp; diseases; very tolerant of urban &amp; coastal conditions; may not be as hardy as other cultivars; locate in full sun &amp; 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	_____ _____ _____ _____ _____
<b>Ginkgo biloba 'Grindstone' / 'Grind Stone Lake'</b> 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 &amp; diseases; tolerant of urban &amp; coastal conditions; locate in full sun &amp; 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 3" c 3.5" c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Ginkgo biloba Princeton Sentry® ('PNI2720')</b> Columnar Ginkgo; Columnar Maidenhair Tree <i>DECIDUOUS CONIFER; male clone; medium green summer foliage turns bright yellow in fall; columnar habit to about 60' tall by 25' wide; highly resistant to pests &amp; diseases; very tolerant of urban &amp; coastal conditions; locate in full sun &amp; any soil that drains; Chinese native (Flemer) Zones 4 - 8 (9)</i>		1.5" c 1.75" c	B&B B&B	_____
<b>Gleditsia triacanthos f. inermis Northern Acclaim® ('Harve')</b> Thornless Honeylocust <i>DECIDUOUS SHADE TREE; inconspicuous greenish-yellow flowers in mid to late spring; seedless; thornless; small medium green compound summer foliage turns golden yellow in fall; provides light dappled shade; upright spreading heads to about 50' tall by 35' wide; tolerates urban conditions, ice, soil compaction &amp; salt; locate in full sun &amp; moisture retentive neutral to alkaline soils; US native (NDSU) Zones (3) 4 - 8 (9)</i>		1.5" c 1.75" c	B&B B&B	_____
<b>Gleditsia triacanthos f. inermis Northern Sentinel® ('JFS GMorgenson1')</b> 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 &amp; salt; locate in full sun &amp; moisture retentive neutral to alkaline soils; US native (Morgenson / Schmidt) Zones 4 - 8 (9)</i>			15g	_____
<b>Gleditsia triacanthos f. inermis Skyline® ('Skycole')</b> 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 &amp; salt; locate in full sun &amp; 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 3.5" c 4" c	B&B 25g B&B B&B B&B B&B B&B	_____
<b>Gymnocladus dioica (dioicus) Espresso® ('Espresso-JFS')</b> 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 &amp; urban conditions; locate in full sun &amp; moist organic soil; US native (Schmidt) Zones 4 - 8</i>		1.5" c 1.75" c 2" c 2.5" c 3" c	B&B B&B B&B B&B B&B	_____
<b>Hydrangea paniculata 'Phantom'</b> Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; huge white ball-like panicle clusters on stiff branches in late summer on new wood; dark green summer foliage; spreading habit to about 10' tall &amp; 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>	<b>TREE FORM</b>	5'	B&B	_____
<b>Hydrangea quercifolia 'Alice'</b> Oakleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large fragrant white pyramidal blooms in June &amp; 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 &amp; 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	_____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Ilex verticillata 'Sparkleberry'</b> Female Winterberry Holly <i>DECIDUOUS ORNAMENTAL SHRUB; inconspicuous small white flowers in profusion in early summer on new wood; brilliant red fruit from early fall into or through winter; use 'Southern Gentleman' to pollinate; yellowish-bronze fall foliage; broadly upright habit to about 8' tall &amp; wide; locate in full sun to partial shade &amp; neutral to acidic moisture retentive soil; native to areas with persistently moist to wet soils; PHS Gold Metal; native to US &amp; Canada [I. verticillata x I. serrata] (USNA) Zones 3 - 9</i>		3' x 2' spr	15g	_____
<b>Ilex verticillate 'Winter Red'</b> Female Winterberry Holly <i>DECIDUOUS ORNAMENTAL SHRUB; inconspicuous small white flowers in profusion in early summer on new wood; large profuse &amp; persistent bright red fruit from early fall into or through winter; use 'Southern Gentleman' to pollinate; upright rounded habit to about 8' tall &amp; wide; locate in full sun to partial shade &amp; neutral to acidic moisture retentive soil; native to areas with persistently moist to wet soils; US &amp; Canadian native; PHS Gold Metal (Simpson) Zones 3 - 9</i>		36" 4' x 3' spr	15g 15g	_____ _____
<b>Juniperus chinensis 'Keteleeri'</b> Pyramidal Chinese Juniper <i>EVERGREEN ORNAMENTAL CONIFER; usually separate male &amp; female flowers; female cones usually light blue &amp; male cones tannish; medium green scale-like foliage; narrowly pyramidal habit to about 15' tall by 5' wide; locate in full sun &amp; most well-drained soils; drought tolerant when established; Asian native; Zones 4 - 9</i>		6' 7' 8' 10 - 12'	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Juniperus virginiana 'Canaertii'</b> 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 &amp; Black Walnut; locate in full sun &amp; well-drained soil of any pH; native to eastern &amp; central North America; Zones (3) 4 - 9</i>		5' 7' 8'	B&B B&B B&B	_____ _____ _____
<b>Juniperus virginiana 'Green Point'</b> 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 &amp; Black Walnut; locate in full sun &amp; well-drained soil of any pH; native to eastern &amp; central North America (Hayman) Zones (3) 4 - 9</i>		5' 6' 7' 8'	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Juniperus virginiana 'Taylor'</b> 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 &amp; Black Walnut; locate in full sun &amp; well-drained soil of any pH; native to eastern &amp; central North America (Bieberich) Zones (3) 4 - 9</i>		7' 8'	B&B B&B	_____ _____
<b>Koelreutaria paniculata</b> 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 &amp; wide; tolerates most urban conditions; locate in full sun &amp; 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	_____ _____ _____ _____ _____ _____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Koelreuteria paniculata</b> 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 &amp; wide; tolerates most urban conditions; locate in full sun &amp; 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	_____ _____ _____ _____ _____ _____
<b>Liquidambar styraciflua Happidaze® ('Hapdell')</b> 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 &amp; compacted urban soils; locate in full sun &amp; moist to partially wet organic soils; native to eastern US &amp; Mexico; Zones 5 - 9</i>		1" c 1.5" c 1.75" c	15g B&B B&B	_____ _____ _____
<b>Liquidambar styraciflua 'Slender Silhouette'</b> 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 &amp; moist to partially wet organic soils; native to eastern of US &amp; Mexico (Shadow) Zones (5) 6 - 8 (9)</i>		1.25" c 1.5" c 1.75" c 2" c	10g 15g B&B B&B B&B	_____ _____ _____ _____
<b>Liriodendron tulipifera</b> 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 &amp; deep organic well-drained moisture retentive slightly acidic soil; not drought tolerant; US native; Zones 4 - 9</i>		2" c 3" c 4" c 4.5" c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Liriodendron tulipifera 'Arnold' / 'Fastigiatum'</b> Columnar Tuliptree; Columnar Tulip Poplar <i>DECIDUOUS SHADE TREE; light orange-green flowers in early June; green summer foliage turns yellow in fall; narrowly upright habit to about 50' tall by 25' wide; often widens with age; locate in full sun or light shade &amp; deep organic well-drained moisture retentive slightly acidic soil; not drought tolerant; US native (Monrovia) Zones 4 - 9</i>		2.5" c	B&B	_____
<b>Liriodendron tulipifera Emerald City® ('JFS-Oz')</b> 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 &amp; deep organic well-drained moisture retentive slightly acidic soil; not drought tolerant; US native (Schmidt) Zones (4) 5 - 9</i>		1.75" c 2" c 3" c 3.5" c 4" c 4.5" c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Maackia amurensis Maacknificent® ('JFS-Schichtel1')</b> Amur Maackia <i>DECIDUOUS ORNAMENTAL TREE; white racemes in late July can smell like cut grass; coppery bark exfoliates in vertical curls with age &amp; is most visible in winter; compound spring foliage opens with silvery pubescence before turning dark green by summer then yellow in fall; upright vase-shaped habit to about 30' tall by 20' spread; attracts pollinators; resists drought &amp; most pests; locate in full sun &amp; about any (acidic to alkaline) well-drained soil; Asian native (JFS / Schichtel) Zones 3 - 7 (8)</i>		1.5" c	B&B	_____



# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<p><b>Maclura pomifera 'White Shield'</b> 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 &amp; wide; nearly thornless; tolerates wet &amp; alkaline soils; locate in full sun &amp; just about any soil; US native (Bieberich) Zones 4 - 9</i></p>		3.5" c 4" c	B&B B&B	_____ _____ _____
<p><b>Maclura pomifera 'Witchita'</b> 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 &amp; just about any soil with reasonable drainage; US native (Pair) Zones 4 - 9</i></p>		2" C 1.75" c 2.5" c 3" c 3.5" c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
<p><b>Magnolia x brooklynensis 'Butterflies'</b> <b>TREE FORM</b> 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 &amp; well-drained organic moisture retentive soil of varying pH; US / Asian cross [M. acuminata x M. denudata] (Savage) Zones (3) 4 - 8</i></p>		1.75" c	B&B	_____
<p><b>Magnolia x brooklynensis 'Yellow Bird'</b> <b>SHRUB FORM</b> Yellow Hybrid Cucumbertree Magnolia <i>DECIDUOUS ORNAMENTAL TREE; bright yellow flower with slight greenish tint as the foliage opens in spring; bushy upright habit up to about 40' tall by 25' wide in time; locate in full sun to partial shade &amp; well-drained organic moisture retentive soil of varying pH; US / Asian cross [M. acuminata var. subcordata x M. xbrooklynensis â€˜Evamariaâ€™™] (Stone/BBG) Zones (3) 4 - 8</i></p>		6'	B&B	_____
<p><b>Magnolia x 'Galaxy'</b> <b>TREE FORM</b> 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 &amp; 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></p>		1.75" c 2" c	B&B B&B	_____ _____
<p><b>Magnolia x 'Golden Gift'</b> <b>SHRUB FORM</b> Yellow Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; creamy yellow buds open to bright canary-yellow flowers just before the foliage breaks bud; glossy green summer foliage turns coppery in fall; bushy upright habit to about 15' tall by 10' wide; locate in full sun to partial shade &amp; rich organic moisture retentive well-drained soil [M. 'Miss Honeybees' x (M. acuminata x M. denudata)] (Leach) Zones (4) 5 - 9</i></p>		5' 6'	B&B B&B	_____ _____
<p><b>Magnolia grandiflora 'Edith Bogue'</b> <b>TREE FORM</b> Southern Magnolia <i>EVERGREEN FLOWERING TREE; large white fragrant flowers from May into summer; medium green foliage with very light indumentum below the leaf; hardy strain from NJ that tolerates snow loads better than most; upright habit to about 50' tall by 35' wide; locate in full sun to partial shade &amp; acidic well-drained organic soil; protect from winter winds in northern hardiness range; southeastern US native; PHS Gold Metal; Zones 6 - 9</i></p>		1.5" c 1.75" c 2" c	B&B B&B B&B	_____ _____ _____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Magnolia x 'Judy Zuk'</b> <b>TREE FORM</b> Yellow Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant bright yellow sterile flower with some purple at the base in early April as the new foliage emerges &amp; are subject to damage by late freezes; large green summer leaves turn coppery-bronze in fall; upright habit up to about 30' tall by 10' wide in 10 or more years; locate in full sun to partial shade &amp; well-drained organic moisture retentive soil of varying pH; US / Asian cross [M. acuminata x M. liliiflora x M. stellata] (BBG) Zones (4) 5 - 9</i>		1.5" c	15g	_____
<b>Magnolia liliifolia 'Jane'</b> 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 &amp; moist organic well-drained soils of varying acidity; tolerates limited excessive moisture; native Asian cross [M. liliiflora 'Reflorescens' x stellata 'Waterlily'] (Kosar &amp; deVos / USNA) Zones 3 - 8</i>		5' x 3'	15g	_____
<b>Magnolia loebneri 'Leonard Messel'</b> <b>TREE FORM</b> 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 &amp; almost as wide; locate in full sun to light or dappled shade &amp; 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>		4.5' 1.5" c 1.75" c 2" c	15g B&B B&B B&B	_____ _____ _____ _____
<b>Magnolia x loebneri 'Merrill'</b> <b>SHRUB FORM</b> 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 &amp; 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>		5' 6' 6' 7'	25g B&B 15g B&B B&B	_____ _____ _____ _____
<b>Magnolia x 'Lois'</b> <b>SHRUB FORM</b> Yellow Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; lightly fragrant creamy yellow cup-shaped flowers for about 3 weeks just before bud break in late April; glossy green summer foliage turns coppery-bronze in fall; vigorous upright habit to about 20' tall by 15' wide; locate in full sun or light shade &amp; moisture retentive well-drained organic soils of varying acidity (Koerting / BBG) Zones 5 - 8 (9)</i>		5'	B&B	_____
<b>Magnolia x Mercuryâ„¢ ('NCMX1')</b> Pink Hybrid Magnolia <i>DECIDUOUS ORNAMENTAL TREE; dark pink buds open to large fragrant lavender-pink cup-shaped flowers in mid to late spring &amp; sporadically through summer; showy reddish seeds provide food for a lot of animals &amp; 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 &amp; air pollution; not tolerant of drought or flooding; locate in full sun &amp; moist organic well-drained soils of varying acidity (Ranney / Schmidt) Zones 7 - 9</i>			15g	_____
<b>Magnolia x soulangeana 'Angelica'</b> <b>SHRUB FORM</b> Saucer Magnolia		6' 7' 8' 9' 10 - 12'	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Magnolia x soulangeana 'Angelica'</b> <p style="text-align: right;"><b>TREE FORM</b></p> Saucer Magnolia		1.5" c	15g	_____
<b>Magnolia x soulangeana 'Barrington Belle'</b> 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 &amp; deep well-drained moisture retentive acidic soil [M. denudata x M. liliiflora] (Soulange-Bodin) Zones 4 - 9</i>		1" c 1.75" c	15g B&B	_____ _____
<b>Magnolia 'Spectrum'</b> <p style="text-align: right;"><b>BUSH</b></p> 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 &amp; wide; usually single stem with branching starting 3' to 5' above the ground; locate in full sun to light shade &amp; 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>		7' 8' 9' 10 - 12'	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Magnolia 'Spectrum'</b> <p style="text-align: right;"><b>TREE FORM</b></p> 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 &amp; wide; usually single stem with branching starting 3' to 5' above the ground; locate in full sun to light shade &amp; 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>		1" c	15g	_____
<b>Magnolia stellata 'Royal Star'</b> <p style="text-align: right;"><b>SHRUB FORM</b></p> 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 &amp; often slightly wider; locate in full sun to light or dappled shade &amp; deep well-drained neutral to slightly acidic soil with good moisture retention; Japanese native (Vermeulen N) Zones 5 - 8</i>		4' x 4' 4' 5'	15g B&B B&B	_____ _____ _____
<b>Magnolia virginiana</b> <p style="text-align: right;"><b>SHRUB FORM</b></p> 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 &amp; turns yellowish in fall; loose upright habit to about 25' tall &amp; as wide in time; tolerant of air pollution; locate in full sun or shade &amp; moist to wet acidic soils; some salt tolerance; eastern US native; Zones 5 - 9</i>		5' 6'	B&B B&B	_____ _____
<b>Magnolia virginiana Green Mile™ (MVHH)</b> <p style="text-align: right;"><b>SHRUB FORM</b></p> 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 &amp; 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 &amp; moist to wet acidic soils; some salt tolerance; eastern US native (Neubauer) Zones 5 - 9</i>		4' 5' 6' 7' 8' 9' 10 - 12'	25g 15g B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Magnolia virginiana Moonglow® ('Jim Wilson')</b> <b>TREE FORM</b> 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 &amp; moist to wet acidic soils; some salt tolerance; eastern US native; PHS Gold Metal (Cully) Zones 5 - 9</i>		5.5' 2" 2"	15g 25g 25g	_____ _____ _____
<b>Malus Ivory Spear® ('JFS KW214MX')</b> White Columnar Crabapple <i>DECIDUOUS ORNAMENTAL TREE; deep pink buds open to pure white flower in mid-spring; persistent 1/2" bright red fruit is loved by birds; dark green summer foliage turns yellow-ish in fall; upright habit to about 18" tall by 7' wide; excellent disease resistance to all 4 problems; tolerant of urban conditions &amp; drought; locate in full or mostly sunny areas &amp; moisture retentive well-drained acidic soil (Schmidt) Zones 4 - 8</i>		2.5"c	15g B&B	_____ _____
<b>Malus 'Prairifire'</b> <b>SHRUB FORM</b> Pink Crabapple <i>DECIDUOUS ORNAMENTAL TREE; pinkish-red buds open to lightly fragrant exceedingly showy deep pinkish-red flowers; persistent 3/8" purplish-red fruit through fall; new bronze-red foliage matures to bronze-green by summer before turning to shades of orange &amp; red in fall; rounded heads to about 20' tall &amp; wide; excellent disease resistance; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas &amp; moisture retentive well-drained acidic soil (Dayton) Zones 4 - 8</i>		5'	B&B	_____
<b>Malus Raspberry Spear® ('JFS KW213MX')</b> 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 &amp; drought; locate in full or mostly sunny areas &amp; moisture retentive well-drained acidic soil (Schmidt) Zones 4 - 8</i>		3"c	B&B	_____
<b>Malus Royal Raindrops® ('JFS-KW5')</b> 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 &amp; purple in fall; broadly oval heads to about 20' tall by 15' wide; very good disease resistance; tolerant of urban conditions &amp; drought; locate in full or mostly sunny areas &amp; moisture retentive well-drained acidic soil [M. transitoria] (Schmidt) Zones 4 - 8</i>		1.5"c 1.75"c 2"	15g 25g B&B B&B B&B	_____ _____ _____ _____ _____
<b>Malus Ruby Dayze® ('JFS KW139MX')</b> 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 &amp; 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 &amp; moisture retentive well-drained acidic soil (Schmidt) Zones 4 - 8</i>		1.5"c 1.75"c 2" 2.5"c 3"	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
<b>Malus sargentii</b> <b>SHRUB FORM</b> Sargent Crabapple <i>DECIDUOUS ORNAMENTAL TREE; red buds open to fragrant white flowers in alternate years (some seedlings may be annual); 1/2" bright red persistent fruit; dense wide-spreading habit to about 8' tall by 12' or more wide; excellent resistance to diseases except scab which is good resistance; locate in full or mostly sunny areas with loamy moist well-drained acidic soil, but more widely adaptable; tolerant of urban conditions if not allowed to dry out; Zones 4 - 7</i>		4'	15g	_____

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# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Malus Show Time™, ♂ ('Shotizam')</b> 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 &amp; moisture retentive well-drained acidic soil (Zampini / Lake County) Zones 4 - 8</i>		1.5" c 1.75" c 2" c 2.5" c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Malus Snow Crystal® ('JFS KW218MX')</b> 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 &amp; moisture retentive well-drained acidic soil (Schmidt) Zones 4 - 8</i>		1.5" c	10g	_____
<b>Malus 'Snowdrift'</b> 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 &amp; wide; some susceptibility to scab &amp; fireblight; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas &amp; moisture retentive well-drained acidic soil (Cole N) Zones 4 - 8</i>		1.5" c 1.75" c 2" c 2.5" c 3" c	15g 25g B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____
<b>Malus Sparkling Sptite™, ♂ ('JFS-KW207')</b> 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 &amp; lasts into winter; dark green summer foliage; rounded habit to about 12' tall &amp; 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 &amp; moisture retentive well-drained acidic soil (Warren / Schmidt) 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	_____ _____ _____ _____ _____ _____
<b>Malus Sugar Tyme® ('Sutyzam')</b> 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 &amp; fireblight; tolerant of urban conditions if not allowed to dry out; locate in full or mostly sunny areas &amp; moisture retentive well-drained acidic soil (Lake County N) Zones 4 - 8</i>		1.75" c 2" c 2.5" c	B&B B&B B&B	_____ _____ _____
<b>Metasequoia glyptostroboides</b> 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 &amp; all but highly alkaline soils; locate in full sun &amp; moisture retentive neutral to acidic organic soil, PHS Gold Metal; Chinese native; Zones 5 - 8</i>		12 - 14' 14 - 16'	B&B B&B	_____ _____
	<b>LOW BRANCHED</b>			
<b>Metasequoia glyptostroboides Amber Glow™, ♂ ('WAH-08AG')</b> 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 &amp; all but highly alkaline soils; locate in full sun &amp; moisture retentive neutral to acidic organic soil, Chinese native; Zones 5 - 8</i>		8' 9' 10 - 12' 12 - 14' 7' / 2" c	B&B B&B B&B B&B 25g	_____ _____ _____ _____ _____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Metasequoia glyptostroboides Jade Prince® ('JFS-PN3Legacy')</b> 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 &amp; all but highly alkaline soils; locate in full sun &amp; moisture retentive neutral to acidic organic soil, Chinese native (Schmidt) Zones 5 - 8</i>		9' 10 - 12' 12 - 14'	B&B B&B B&B	_____ _____ _____
<b>Nyssa sylvatica</b> 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 &amp;/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 &amp; 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 4"c	B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____
<b>Nyssa sylvatica Green Gableâ„¢ ('NSUHH')</b> 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 &amp; half as wide; superior resistance to leaf spot; taproot; fall transplanting hazard; locate in full sun to partial shade &amp; moisture retentive well-drained acidic soils; can tolerate temporary standing water; US native (Hidden Hollow N) Zones 5 - 9</i>		1.5"c 1.75"c 2"c 3"c 3.5"c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
<b>Nyssa sylvatica Northern Splendorâ„¢ ('NSMTF')</b> 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 &amp; 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 &amp; 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 2.5"c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Nyssa sylvatica Red Rageâ„¢ ('Haymanred')</b> Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; dark blue fruit in fall; glossy green summer foliage turns bright glossy scarlet-red in fall; taproot; fall transplanting hazard; resists leaf spot; tolerates temporary standing water; locate in full sun to partial shade &amp; moisture retentive well-drained acidic soils; US native (Hayman) Zones 4 - 9</i>		1.5"c 2.5"c	B&B B&B	_____ _____
<b>Nyssa sylvatica 'Wildfire'</b> Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; bright red new leaves, veins &amp; 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 &amp; moisture retentive well-drained acidic soils; can tolerate temporary standing water; US native (Hottovy) Zones 4 - 9</i>		4.5"c	b	_____
<b>Ostrya virginiana</b> 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 &amp; 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	_____ _____ _____
<b>Ostrya virginiana Autumn Treasure® ('JFS-KW5')</b> Columnar American Hop Hornbeam; Columnar American Ironwood <i>SHADE TREE; bright dark green summer foliage turns golden yellow in fall; very few leaves remain on the tree in winter; upright habit to about 40' tall by 20' wide; tolerates drought; fall transplanting hazard; locate in full sun to partial shade &amp; most neutral to acidic well-drained soils; North American native (Warren / Schmidt) Zones 4 - 7 (8)</i>		1.5"c 1.75"c 2"c	B&B B&B B&B	_____ _____ _____

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<b>Parrotia persica</b> <p style="text-align: right;"><b>CLUMP</b></p> 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 &amp; 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 &amp; most well-drained slightly acidic soil; PHS Gold Metal; Asian native; Zones (4) 5 - 8</i>		5'	B&B	_____
<b>Parrotia persica</b> <p style="text-align: right;"><b>TREE FORM</b></p> 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 &amp; 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 &amp; most well-drained slightly acidic soil; PHS Gold Metal; Asian native; Zones (4) 5 - 8</i>		3" 3.5" 4" 4.5"	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Parrotia persica Persian Spirea<sup>®</sup> (JLColumnar')</b> 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 &amp; 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 &amp; most well-drained slightly acidic soil; PHS Gold Metal; Asian native (Lewis / JLPN) Zones (4) 5 - 8</i>		6' 7' 8' 2"	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Physocarpus opulifolius Little Devil<sup>®</sup> [First Editions<sup>®</sup>] ('Donna May')</b> <p style="text-align: right;"><b>TREE FORM</b></p> Compact Purple Ninebark <i>DECIDUOUS FLOWERING SHRUB; small pinkish-white flowers in late spring; dark reddish-purple foliage; very compact habit to 4' tall &amp; wide; disease &amp; pest resistant; exfoliating bark shows dark &amp; light tan longitudinal striations; spreads by suckers; tolerates wet, dry &amp; alkaline soils, drought &amp; Black Walnut; locate in full sun or partial shade &amp; most well-drained soils; US native; Zones (2) 3 - 7 (8)</i>		36" head	15g	_____
<b>Platanus x acerifolia Exclamation<sup>®</sup> (Morton Circle')</b> 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 &amp; light green; pyramidal to oval heads to about 80' tall by 65' wide; high resistance to mildew &amp; anthracnose; tolerates moist soils &amp; urban conditions; locate in full sun &amp; a wide range of moisture retentive soils [P. orientalis x P. occidentalis] (Ware / Morton Arb.) Zones (5) 6 - 8 (9)</i>		2" 2.5" 3" 3.5" 4" 4.5"	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Prunus x 'Okame'</b> 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 &amp; orange in fall; glossy reddish-brown bark; upright oval heads to about 30' tall &amp; wide at maturity; locate in full sun &amp; any well-drained soil; PHS Gold Metal [P. campanulata x P. incisa] (Ingram) Zones 6 - 8</i>		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	_____ _____ _____ _____ _____ _____ _____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Prunus sargentii Pink Flair® ('JFS-KW58')</b> 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 &amp; drought tolerant; locate in full sun &amp; any well-drained soil; Japanese native (Schmidt) Zones (3) 4 - 8</i>		1.75"c 2"c 2.5"c 3"c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Prunus virginiana Sucker Punch® ('P002')</b> Purpleleaf Chokecherry <i>DECIDUOUS ORNAMENTAL TREE; fragrant white racemes in early May; small red fruit matures to dark purple in August is not ornamental but can be used in used in cooking; foliage opens bright green and matures to a dark crimson which is very showy in spring with both colors appearing together; upright oval habit to about 25' tall by 20' wide; fruit attracts birds; resists suckering; tolerates drought; locate in full sun or light shade &amp; most well-drained soils; eastern US &amp; Canada native; Zones 2 - 7</i>		1.5"c 1.75"c 2"c 2"c	B&B B&B 25g B&B	_____ _____ _____ _____
<b>Quercus alba</b> 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 &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; acidic well-drained soil; PHS Gold Metal; US native; Zones (3) 4 - 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	_____ _____ _____ _____ _____ _____ _____ _____
<b>Quercus bicolor</b> 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 &amp; 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 &amp; thoroughly hydrated it has better survival results; locate in full sun to part shade &amp; moist to well-drained acidic soil; cannot take constantly wet soils; drought tolerant; native to US &amp; Canada; Zones 4 - 8</i>		1.75"c 2"c 2.5"c 3"c 3.5"c 4"c 4.5"c	15g B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____
<b>Quercus bicolor American Dream® ('JFS KW12')</b> 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 &amp; flaking bark; broadly pyramidal heads to about 50' tall by 40' wide; increased resistance to anthracnose &amp; powdery mildew; tolerates drought; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; locate in full sun to part shade &amp; moist to well-drained acidic soil; cannot take constantly wet soils; native to US &amp; Canada; 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	_____ _____ _____ _____ _____ _____
<b>Quercus bicolor Beacon® ('Bonnie &amp; Mike')</b> 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 &amp; 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 &amp; thoroughly hydrated it has better survival results; locate in full sun to part shade &amp; moist to well-drained acidic soil; cannot take constantly wet soils; drought tolerant; native to US &amp; Canada; Zones 4 - 8</i>		1.5c 1.75"c 2"c 2.5"c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Quercus bicolor Sun Breaker® ('Green Nova')</b> 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 &amp; 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 &amp; thoroughly hydrated it has better survival results; locate in full sun to part shade &amp; moist to well-drained acidic soil; cannot take constantly wet soils; native to US &amp; Canada; Zones 4 - 8</i>		2"c 2.5"c 3"c	B&B B&B B&B	_____ _____ _____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Quercus coccinea</b> 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 &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; acidic well-drained soil; native to US &amp; Canada; Zones 4 - 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	_____ _____ _____ _____ _____ _____ _____ _____
<b>Quercus imbricaria</b> 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 &amp; about as wide; important wildlife food source; tolerates drought &amp; Black Walnut; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; 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	_____ _____ _____ _____ _____ _____ _____ _____
<b>Quercus x macdanielli Heritage® ('Clemons')</b> 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 &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; most acidic to slightly alkaline soils [Q. macrocarpa x Q. robur] (Cully) Zones 4 - 7 (8)</i>		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>Quercus macrocarpa</b> 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 &amp; often wider; fall transplant hazard; important wildlife food source; tolerates drought, wet, dry &amp; clay soil &amp; some urban conditions; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; moist to well-drained alkaline to acidic soil; native to US &amp; Canada; Zones 3 - 8</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 4" c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Quercus muehlenbergii</b> 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 &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; alkaline soil with adequate moisture; eastern &amp; central US native; Zones (4) 5 - 7</i>		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>Quercus rubra</b> Northern Red Oak <i>DECIDUOUS SHADE TREE; dark green summer foliage turns russet to bright red in fall; large grower to about 70' tall &amp; wide; fall transplant hazard; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; well-drained neutral to acidic soil; some success to coastal areas; native to US &amp; Canada; Zones (3) 4 - 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	_____ _____ _____ _____ _____ _____ _____ _____
<b>Quercus shumardii</b> Southern Red Oak <i>DECIDUOUS SHADE TREE; 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 &amp; air pollution; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; well-drained soil; southeastern US native; Zones 5 - 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	_____ _____ _____ _____ _____

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# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Quercus x warei Kindred Spiritâ„¢ ('Nadler')</b> <b>LOW BRANCHED</b> Columnar Hybrid English Oak <i>DECIDUOUS ORNAMENTAL TREE; dark green summer foliage with silvery undersides turns shades of yellow &amp; bronze in fall; narrow columnar habit to about 40' tall by 8' wide; drought &amp; moisture tolerant; mildew resistant; important wildlife food source; fall transplant hazard however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; sister seedling of Regal Prince; locate in full sun &amp; most acidic to slightly alkaline soils [Q. robur 'Fastigiata' x Q. bicolor] (Nadler / Heritage) Zones 4 - 8</i>		1.5" c 1.75" c 2" c 2" c 2.5" c	B&B B&B 25g B&B B&B	_____
<b>Quercus x warei Regal Prince® ('Long')</b> <b>HIGH BRANCHED</b> Columnar Hybrid English Oak <i>DECIDUOUS ORNAMENTAL TREE; non ornamental yellowish-green catkins in April; leathery mildew resistant dark green foliage above &amp; light green below becomes yellowish in fall; strong narrow upright habit to about 60' tall by 25' wide; resists wind &amp; ice damage; tolerates drought; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; most acidic to slightly alkaline soils [Q. robur 'Fastigiata' x Q. bicolor] (Cully) Zones 4 - 8</i>		2.5" c	B&B	_____
<b>Quercus x warei Regal Prince® ('Long')</b> <b>LOW BRANCHED</b> Columnar Hybrid English Oak <i>DECIDUOUS ORNAMENTAL TREE; non ornamental yellowish-green catkins in April; leathery mildew resistant dark green foliage above &amp; light green below becomes yellowish in fall; strong narrow upright habit to about 60' tall by 25' wide; resists wind &amp; ice damage; tolerates drought; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it has better survival results; locate in full sun &amp; most acidic to slightly alkaline soils [Q. robur 'Fastigiata' x Q. bicolor] (Cully) Zones 4 - 8</i>		3" c	B&B	_____
<b>Styrax japonicus 'Evening Light'</b> Purple Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE; 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 &amp; foliage color in full sun; locate in full sun to light shade (best) &amp; deep organic well-drained moisture retentive acidic soil; eastern Asian native (Kolster) Zones 5 - 7 (8)</i>		1.5" c 2" c	B&B B&B	_____
<b>Styrax japonicus 'Fragrant Fountain'</b> Weeping Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE; profuse fragrant white flowers in May &amp; 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) &amp; deep organic well-drained moisture retentive acidic soil; eastern Asian native (Crispin) Zones 5 - 7 (8)</i>			15g	_____
<b>Styrax japonicus Nightfallâ„¢ ('JFS 6SJ')</b> Weeping Purple Snowbell <i>DECIDUOUS ORNAMENTAL TREE; white flowers in May &amp; 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) &amp; deep organic well-drained moisture retentive acidic soil; eastern Asian native (Warren / Schmidt) Zones 5 - 7 (8)</i>		1.75" c 2" c	15g B&B B&B	_____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Syringa meyeri 'Palibin'</b> 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 &amp; well-drained organic soil of any pH; native to northeastern Asia; PHS Gold Metal; Zones 3 - 7</i>	<b>TREE FORM</b>	30 - 36" spr 54 - 60" spr	B&B B&B	_____ _____
<b>Syringa reticulata 'Ivory Silk'</b> 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 &amp; well-drained organic soil of any pH; Japanese native; PHS Gold Metal (Sheridan N) Zones 3 - 7</i>	<b>CLUMP</b>	5' 6' 6' 7' 9'	B&B 25g B&B B&B B&B	_____ _____ _____ _____ _____
<b>Syringa reticulata 'Ivory Silk'</b> 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 &amp; well-drained organic soil of any pH; Japanese native; PHS Gold Metal (Sheridan N) Zones 3 - 7</i>	<b>TREE FORM</b>	1.75"c 2"c 2.5"c	B&B B&B B&B	_____ _____ _____
<b>Syringa reticulata subsp. pekinensis Great Wall® ('WFH2')</b> 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 &amp; well-drained organic soil close to neutral pH; northern Chinese native (Klyn) Zones 4 - 7</i>		2"c 2.5"c 3"c 3.5"c 4"c	25g B&B B&B B&B B&B	_____ _____ _____ _____ _____
<b>Taxodium distichum var. distichum</b> 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 &amp; compacted soils as well as wet tidal areas; alternate branching (opposite of Metasequoia); locate in full sun or minimal shade &amp; moist to well-drained acidic soils; US native; Zones 4 - 11</i>		8' 9' 12 - 14'	25g B&B B&B B&B	_____ _____ _____
<b>Taxodium distichum var. distichum Lindsey's Skywardâ„¢ ('Skyward')</b> 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 &amp; compacted soils as well as wet tidal areas; locate in full sun or minimal shade &amp; moist to well-drained acidic soils; US native; Zones 5 - 9</i>		7' 9' 10 - 12'	B&B B&B B&B	_____ _____ _____
<b>Taxodium distichum var. distichum Shawnee Braveâ„¢ ('Mickelson')</b> 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 &amp; compacted soils as well as wet tidal areas; locate in full sun or minimal shade &amp; moist to well-drained acidic soils; US native; Zones 4 - 11</i>		8' 10 - 12' 12 - 14'	B&B B&B B&B	_____ _____ _____

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Taxodium distichum var. imbricarium 'Nutans'</b> 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 &amp; moist to well-drained acidic soils; more tolerant of compacted soils &amp; urban situations with little water than T. d. var. distichum; US native; Zones (4) 5 - 9 (10)</i>		10 - 12'	B&B	_____
<b>Thuja x 'Green Giant'</b> 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 &amp; 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' 6' 7' 8' 9' 12 - 14'	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Tilia americana 'Redmond'</b> 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 &amp; 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 3"c 3.5"c	B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____
<b>Tilia cordata 'Greenspire'</b> 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 &amp; half or more as wide; liked by Japanese Beetles; very tolerant of urban conditions; locate in full sun &amp; most soils; native to Europe (Flemer) Zones (3) 4 - 7</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	_____ _____ _____ _____ _____ _____ _____
<b>Tilia tomentosa Sterling Silver® ('Sterling')</b> 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 &amp; half or more as wide; variable golden fall foliage; attracts pollinators; resists pests &amp; Jap. Beetles; tolerates urban conditions, heat &amp; drought; locate in full sun with moist well-drained soils; native to Europe &amp; western Asia (Wandell) Zones 4 - 8</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	_____ _____ _____ _____ _____ _____ _____
<b>Ulmus americana 'Jefferson'</b> 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 &amp; black walnuts; highly resistant to Dutch elm disease; locate in full sun or light shade &amp; moist or wet to well-drained soil that's widely pH &amp; salt tolerant; native to US &amp; Canada (Townsend / NPS &amp; USNA) Zones 4 - 7</i>		1.75"c 2"c 4"c 4.5"c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Ulmus americana 'Princeton'</b> 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 &amp; black walnuts; locate in full sun or light shade &amp; moist or wet to well-drained soil of any pH; native to US &amp; Canada (Flemer) Zones 3 - 9</i>		2"c 2.5"c 3.5"c 4"c 4.5"c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____

# Riverfarm Nursery Plant List: Fall 2023 / Spring 2024

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Ulmus chenmoui Summer Elixir® ('JAB Morton')</b> Chenmou Elm <i>DECIDUOUS SHADE TREE; non-ornamental green flowers in May; seeds not ornamental; spring foliage often has pink to red flush before maturing to dark green then turns yellow in fall with red &amp; purple highlights; interesting corky bark on mature branches; upright vase-shaped to oval habit to about 30' tall by 25' wide; resists Dutch Elm disease &amp; Elm Leaf Beetle; locate in full sun &amp; moisture retentive well-drained soil; Asian native (Barborinas) Zones 5 - 9</i>		1.5" c	B&B	_____
<b>Ulmus x 'Frontier'</b> 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 &amp; moderate resistance to elm leaf beetle &amp; highly tolerant of elm yellows; good choice for urban locations; locate in full sun or light shade &amp; moist or wet to well-drained soil that's widely pH &amp; salt tolerant [U. carpinifolia x U. parvifolia] (Townsend / USNA) Zones 4 - 10</i>		1.5" c 1.75" c 2" c 2.5" c 3" c 3.5" c 4" c 4.5" c	25g B&B B&B B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____ _____ _____ _____
<b>Ulmus parvifolia Allee® ('Emer II'; 'Emerald Vase')</b> 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 &amp;/or reddish-purple in fall; irregular patches of gray, green, orange &amp; brown exfoliating bark; upright arching heads to about 50' tall by 40' wide; resistant to drought, Dutch Elm disease &amp; elm leaf beetle; tolerant of salt &amp; urban conditions; locate in full sun or light shade &amp; moist or wet to well-drained soil of any pH; Asian native; Zones (5) 6 - 9</i>		3" c 3.5" c 4" c 4.5" c	B&B B&B B&B B&B	_____ _____ _____ _____
<b>Ulmus parvifolia 'Burgundy'</b> 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 &amp; brown exfoliating bark; upright rounded heads to about 60' tall by 40' wide; resistant to drought, Dutch Elm disease &amp; elm leaf beetle; tolerant of salt &amp; urban conditions; locate in full sun or light shade &amp; moist or wet to well-drained soil of any pH; Asian native (Dirr) Zones 7 - 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	_____ _____ _____ _____ _____ _____ _____ _____
<b>Ulmus parvifolia 'Small Fry'</b> 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 &amp;/or reddish-purple in fall; irregular patches of gray, green, orange &amp; brown exfoliating bark; compact rounded heads to about 30' tall &amp; wide; resistant to drought, Dutch Elm disease &amp; elm leaf beetle; tolerant of salt &amp; urban conditions; locate in full sun or light shade &amp; moist or wet to well-drained soil of any pH; Asian native; Zones (5) 6 - 9</i>		3.5" c 4" c 4.5" c	B&B B&B B&B	_____ _____ _____
<b>Ulmus x Triumphân,ç ('Morton Glossy')</b> 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 &amp; moist or wet to well-drained soil that's widely pH &amp; salt tolerant [U. Accolade &amp; U. Vanguard] (Chicagoland Grows) Zones 5 - 7</i>		2.5" c 3" c 3.5" c 4" c 4.5" c	B&B B&B B&B B&B B&B	_____ _____ _____ _____ _____
<b>Viburnum prunifolium</b> 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 &amp; 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 &amp; Black Walnut; locate in full sun or light shade &amp; moisture retentive well-drained soil; eastern US native; Zones 3 - 9</i>			15g	_____

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<b>Zelkova serrata 'Green Vase'</b> 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 &amp; 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	B&B	_____
		2.5"c	B&B	_____
		3"c	B&B	_____
		3.5"c	B&B	_____
		4"c	B&B	_____
		4.5"c	B&B	_____
<b>Zelkova serrata Wireless® ('Schmidtlow')</b> 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 &amp; moist well-drained soil of varying pH; Asian native; Zones (4) 5 - 8</i>		2.5"c	B&B	_____
		3"c	B&B	_____
		3.5"c	B&B	_____
		4"c	B&B	_____
		4.5"c	B&B	_____
<b>Zelkova serrata Zileration® ('JFS KW4ZS')</b> Compact Japanese Zelkova <i>DECIDUOUS SHADE TREE; dark green summer foliage turns rusty-orange in fall; compact vase-shaped heads to about 30' tall by 25' wide; variable bark exfoliation when mature; tolerant of urban conditions; locate in full sun or light shade &amp; moist well-drained soil of varying pH; Asian native; Zones (4) 5 - 8</i>		2"c	B&B	_____
		2.5"c	B&B	_____

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