

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Acer palmatum 'Bloodgood'</b> Red Japanese Maple <i>DECIDUOUS ORNAMENTAL TREE; dark red spring &amp; summer foliage; broadly upright habit to 25' or more in 25 years; branching starts about 3' or more above grade; locate in full sun to partial shade &amp; well-drained moisture retentive organic soil; afternoon shade helps retain best foliage colors; Japanese native; Zones 5 - 7</i>			10g 15g 20g	
<b>TREE FORM</b>				
<b>Acer palmatum 'Butterfly'</b> Variegated Japanese Maple <i>DECIDUOUS ORNAMENTAL TREE; green foliage with white margins; pink tones are prevalent in early spring as well; upright vase-shaped habit to 15' or more; fairly slow grower; locate in full sun to partial shade &amp; well-drained moisture retentive organic soil; afternoon shade helps retain best foliage colors; Japanese native; Zones 6 - 8</i>			10g	
<b>Acer palmatum 'Crimson Queen'</b> Red Laceleaf Japanese Maple <i>DECIDUOUS ORNAMENTAL TREE; crimson laceleaf foliage into mid-summer; summer foliage is reddish-green, depending on heat, moisture and shade; excellent compact mounding habit; locate in full sun to partial shade &amp; well-drained moisture retentive organic soil; afternoon shade helps retain best foliage colors; Japanese native; Zones 5 - 7</i>			10g 15g	<b>N</b>
<b>Acer palmatum 'Inaba shidare'</b> Red Laceleaf Japanese Maple <i>DECIDUOUS ORNAMENTAL TREE; large dark burgundy-red deeply dissected leaves retain their color all summer; broadly spreading habit; locate in full sun to partial shade &amp; well-drained moisture retentive organic soil; afternoon shade helps retain best foliage colors; Japanese native; Zones 5 - 7</i>			15g	
<b>Acer palmatum 'Sango kaku' / 'Senkaki'</b> Coral Bark Japanese Maple <i>DECIDUOUS ORNAMENTAL TREE; green spring &amp; summer foliage turns yellow &amp; gold in fall; winter bark is bright red on younger stems; upright vase-shaped habit to 20'; fairly slow grower; locate in full sun to partial shade &amp; well-drained moisture retentive organic soil; afternoon shade helps retain best foliage colors; Japanese native; Zones 6 - 7</i>			10g	
<b>Acer palmatum 'Viridis'</b> Green Laceleaf Japanese Maple <i>DECIDUOUS ORNAMENTAL TREE; green foliage; broadly spreading mounding habit; grows slower than 'Waterfall' &amp; branches grow more horizontally; bright orange, yellow &amp; gold fall foliage; locate in full sun to partial shade &amp; well-drained moisture retentive organic soil; afternoon shade helps retain best foliage colors; Japanese native; Zones 5 - 7</i>			15g	
<b>Acer platanoides 'Crimson King'</b> Red Norway Maple <i>DECIDUOUS SHADE TREE; dark burgundy-red foliage all spring and summer; maroon-yellow flowers before the foliage yield to purple samaras in early summer; can be invasive; compact rounded head reaching about 40' tall &amp; wide; shallow root system and dense shade makes under-planting difficult for many plants; locate in full sun to partial shade &amp; any soil with adequate drainage; European native; Zones (3) 4 - 7</i>			20g 25g	
<b>Acer platanoides 'Crimson Sentry'</b> Columnar Red Norway Maple <i>DECIDUOUS SHADE TREE; medium burgundy-red foliage all spring and summer; maroon-yellow flowers before the foliage yield to purple samaras in early summer; can be invasive; compact upright habit reaching about 25' tall by 15' wide; shallow root system and dense shade makes under-planting difficult for many plants; locate in full sun to partial shade &amp; any soil with adequate drainage; European native (McGill) Zones (3) 4 - 7</i>			20g	

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<b>Acer rubrum 'October Glory'</b> Red Maple; Swamp Maple <i>DECIDUOUS SHADE TREE; broad oval head; brilliant red fall foliage; the last A. rubrum to color in fall; locate in full sun; adaptable to wet &amp; well drained soils; US native (Flemer) Zone 4 - 9</i>		1.75"c 2"c 2.5"c	15g 20g 25g B&B B&B B&B	N
<b>Acer rubrum Red Sunset ('Franksred')</b> Red Maple; Swamp Maple <i>DECIDUOUS SHADE TREE; pyramidal to rounded head; grows to 50' tall; showy orange to red fall foliage; locate in full sun; adaptable to wet &amp; well drained soils; US native; not as drought tolerant as most other cultivars (Schmidt) Zones 4 - 9</i>			20g	
<b>Acer rubrum 'Sun Valley'</b> Red Maple; Swamp Maple <i>DECIDUOUS SHADE TREE; upright oval crown to about 20' tall &amp; 10' wide at 10 years; smaller than normal medium green summer leafhopper resistant foliage turns brilliant bright red in fall; seedless; locate in full sun &amp; most wet or well-drained soils; US native (Townsend / USNA) Zones 4 - 7</i>			20g	N
<b>Acer saccharum</b> Sugar Maple <i>DECIDUOUS SHADE TREE; upright to rounded heads; grows to 75' or more; medium green summer foliage turns orange to red in fall; locate in full sun to partial shade with room to develop &amp; well drained organic soil; not tolerant of compacted soils, deicing salt or reflected heat; US native; Zones 4 - 8</i>			15g 20g	N
<b>Aesculus x carnea 'Fort McNair'</b> Pink Horsechestnut <i>ORNAMENTAL TREE; 6-8" dark pink panicles with yellow throats in late spring; slightly more resistant to leaf blotch; medium grower to about 40' tall &amp; wide; locate in full sun to partial shade with well drained organic soil; pH adaptable [A. pavia x A. hippocastanum] Zones 4 - 7</i>		1.75"c 2"c 2.5"c	20g B&B B&B B&B	
<b>Aesculus pavia</b> Red Buckeye; Red Horsechestnut <i>DECIDUOUS FLOWERING SHRUB; large bush or small tree to about 15' tall &amp; wide; red flowers in late April or early March; branching starts at or very near the ground; best in partial shade and rich organic slightly acidic soils that drain well; PHS Gold Metal; southeast US native; Zones 4 - 8</i>			15g	
<b>Amelanchier canadensis</b> Shadblow Serviceberry; Shad <i>DECIDUOUS ORNAMENTAL TREE; white flowers in early April; edible black fruit; stoloniferous root system; variable upright habit to 15' or more; takes ocean exposure; often loses the foliage by mid-summer; locate in full sun to partial shade and moist to wet soils; tolerant of salt exposure; eastern US native; Zones 3 - 7 (8)</i>			10g	
<b>Amelanchier canadensis</b> Shadblow Serviceberry; Shad <i>DECIDUOUS ORNAMENTAL TREE; white flowers in early April; edible black fruit; stoloniferous root system; variable upright habit to 15' or more; takes ocean exposure; often loses the foliage by mid-summer; locate in full sun to partial shade and moist to wet soils; tolerant of salt exposure; eastern US native; Zones 3 - 7 (8)</i>			10g	
<b>Amelanchier canadensis Rainbow Pillar ('Glenn Form')</b> Fastigiate Shadblow Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; white flowers in early April; edible black fruit; stoloniferous root system; compact upright habit to 20' tall by 10' wide; takes ocean exposure; green, mildew resistant summer foliage turns yellow, orange &amp; red in the fall; locate in full sun to partial shade and moist to wet soils; tolerant of salt exposure; eastern US native (Losely) Zones (3) 4 - 7 (8)</i>			15g	

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<b>Amelanchier x grandiflora 'Autumn Brilliance'</b> <b>BUSH</b> Apple Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; bushy upright habit to 25'; white spring flowers; blue-black edible fruit; foliage is resistant to leaf spot and turns variable shades of orange in fall; branching starts at or near the ground; best 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>			10g 15g	
<b>Amelanchier x grandiflora 'Autumn Brilliance'</b> <b>TREE FORM</b> Apple Serviceberry <i>DECIDUOUS ORNAMENTAL TREE; bushy upright habit to 25'; white spring flowers; blue-black edible fruit; foliage is resistant to leaf spot and turns variable shades of orange in fall; branching starts 3' to 6' above the ground on top of a single trunk; best 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>			10g 15g	<b>N</b>
<b>Betula Jacquemontii</b> <i>see: Betula utilis var. Jacquemontii, CLUMP</i>				
<b>Betula nigra Heritage ('Cully')</b> <b>CLUMP</b> River Birch <i>DECIDUOUS ORNAMENTAL TREE; 3 or more main trunks; broadly pyramidal heads; grows to 40' or more; off-white exfoliating bark; golden fall foliage; bronze birch borer resistant; locate in full sun or minimal shade; tolerant of a wide range of soils especially wet; PHS Gold Metal; US native; Zones 4 - 8</i>		8 - 10' 8 - 10' hvy 10 - 12' hvy	15g 20g B&B B&B B&B	
<b>Betula nigra Heritage ('Cully')</b> <b>TREE FORM</b> River Birch <i>DECIDUOUS ORNAMENTAL TREE; single trunk; broadly pyramidal heads; grows to 40' or more; off-white exfoliating bark; golden fall foliage; bronze birch borer resistant; locate in full sun or minimal shade; tolerant of a wide range of soils especially wet; PHS Gold Metal; US native; Zones 4 - 8</i>		2" c 2.5" c 3" c	15g 20g B&B B&B B&B	
<b>Betula platyphylla Dakota Pinnacle ('Fargo')</b> <b>TREE FORM</b> Columnar Asian Birch <i>DECIDUOUS ORNAMENTAL TREE; slightly exfoliating yellowish-white bark; columnar to narrowly pyramidal habit reaching 40' tall by 15' wide at maturity; dark green summer foliage is held late into fall before turning yellow; bronze birch borer susceptibility in southern range &amp; when stressed; locate in full sun &amp; moist well-drained soil; probably more reliable in colder climate range; Asian native (N. Dakota St U) Zones 3 - 6 (7)</i>			15g	
<b>Betula populifolia 'Whitespire'</b> <b>CLUMP</b> Gray Birch <i>DECIDUOUS ORNAMENTAL TREE; non-exfoliating white bark at maturity; long pointed dark green summer foliage &amp; insignificant fall color; upright habit to 40' tall by 20' wide; improved heat &amp; borer resistance; 'Whitespire' thought to be a Japanese Birch; this mistake has been corrected; locate in full sun to partial shade &amp; well-drained moisture retentive soil; native to northeastern US; Zones 2 - 7</i>		7 - 8' 8 - 10' 10 - 12'	15g 20g B&B B&B B&B	<b>N</b>
<b>Betula populifolia 'Whitespire'</b> <b>TREE FORM</b> Gray Birch <i>DECIDUOUS ORNAMENTAL TREE; non-exfoliating white bark at maturity; long pointed dark green summer foliage &amp; insignificant fall color; upright habit to 40' tall by 20' wide; improved heat &amp; borer resistance; 'Whitespire' thought to be a Japanese Birch; this mistake has been corrected; locate in full sun to partial shade &amp; well-drained moisture retentive soil; native to northeastern US; Zones 2 - 7</i>			20g	

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<b>Betula utilis var. jacquemontii</b> <p style="text-align: right;"><b>CLUMP</b></p> Whitebark Himalayan Birch <i>DECIDUOUS ORNAMENTAL TREE; very white bark appears at an early age; pyramidal to oval heads; mature height is about 40' tall by 25' wide; dark green summer foliage turns yellowish in the fall; be aware of borers and Japanese Beetles; locate in full sun to minimal shade &amp; well-drained moisture retentive soil; not tolerant of drought or areas with warm summer nights; native to western Himalayas; Zones 5 - 6 (7)</i>			15g 20g	
<b>Betula utilis var. jacquemontii</b> <p style="text-align: right;"><b>TREE FORM</b></p> Whitebark Himalayan Birch <i>DECIDUOUS ORNAMENTAL TREE; very white bark appears at an early age; pyramidal to oval heads; mature height is about 40' tall by 25' wide; dark green summer foliage turns yellowish in the fall; be aware of borers and Japanese Beetles; locate in full sun to minimal shade &amp; well-drained moisture retentive soil; not tolerant of drought or areas with warm summer nights; native to western Himalayas; Zones 5 - 6 (7)</i>			15g	
<b>Buddleia davidii 'Black Knight'</b> Purple Butterfly Bush <i>DECIDUOUS FLOWERING SHRUB; dark violet flowers on new wood all summer; attracts butterflies &amp; hummingbirds; resistant to deer browse; locate in full to mostly sunny areas &amp; moisture retentive organic garden soils; native of China [B. davidii] Zones 5 - 9</i>			3g	
<b>Buddleia davidii 'Nanho Blue'</b> Dwarf Blue Butterfly Bush <i>DECIDUOUS FLOWERING SHRUB; blue flower spikes on new wood all summer; compact habit; attracts butterflies &amp; hummingbirds; resistant to deer browse; locate in full to mostly sunny areas &amp; well-drained moisture retentive organic garden soils; native of China [B. davidii v. nanhoensis] Zones 5 - 9</i>			3g	
<b>Buddleia davidii 'Pink Delight'</b> Pink Butterfly Bush <i>DECIDUOUS FLOWERING SHRUB; pink flowers on new wood all summer; cut back in late fall or early spring; attracts butterflies &amp; hummingbirds; resistant to deer browse; locate in full to mostly sunny areas &amp; moisture retentive organic garden soils; native of China [B. davidii] Zones 5 - 9</i>			3g	
<b>Buxus x 'Green Mountain'</b> Pyramidal Hybrid Boxwood <i>EVERGREEN SHRUB; dark evergreen foliage all winter; sheared into tight round cones; locate in full sun to moderate shade &amp; moisture retentive well-drained organic soil that's neutral to alkaline [B. microphylla var. koreana x B. sempervirens] (Sheridan Ns) Zones 5 - 8</i>		18 - 24" 24 - 30"	B&B B&B	
<b>Buxus x 'Green Velvet'</b> Hybrid Boxwood <i>EVERGREEN SHRUB; compact globular habit to 4' high and wide; slow grower, but faster than 'Green Gem'; dark evergreen foliage all year; locate in full sun to moderate shade &amp; moisture retentive well-drained organic soil that's neutral to alkaline; PHS Gold Metal [B. microphylla var. koreana x B. sempervirens] (Sheridan Ns) Zones 5 - 8</i>		18 - 24" spr	B&B	
<b>Buxus microphylla 'Winter Gem'</b> Littleleaf Boxwood <i>EVERGREEN SHRUB; compact spreading evergreen staying under 3' tall; good for low hedges; locate in full sun to moderate shade &amp; moisture retentive well-drained organic soil that's neutral to alkaline; Japan native; Zones 5 - 9</i>		18 - 24" spr	B&B	

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<b>Buxus sempervirens</b> Common Boxwood <i>EVERGREEN SHRUB; dark evergreen foliage; very compact upright habit becomes rounded with age; highly deer browse resistant; locate in full sun to moderate shade &amp; moisture retentive well-drained organic soil that's neutral to alkaline; native to Europe, Asia &amp; Africa; Zones 5 - 8</i>		18 - 24"	B&B	
<b>Buxus sempervirens 'Vardar Valley'</b> Dwarf Spreading Common Boxwood <i>EVERGREEN SHRUB; dark blue-green evergreen foliage; low, slow compact grower that gets large in time - 4' tall by 6'+ wide; one of the most resistant to boxwood diseases &amp; insects; highly deer browse resistant; locate in full sun to moderate shade &amp; moisture retentive well-drained organic soil that's neutral to alkaline; PHS Gold Metal; native to Europe, Asia &amp; Africa; Zones 5 - 8</i>		18 - 24" spr	B&B	
<b>Callicarpa dichotoma 'Issai'</b> Purple Beautyberry <i>DECIDUOUS FLOWERING SHRUB; profuse lilac-violet fruit begins to appear in Aug; arching habit to 4' tall; locate in full sun to light shade &amp; well-drained soil; PHS Gold Metal; native of China; Zones 5 - 8</i>			5g	
<b>Campsis radicans 'Falmenco'</b> Red Trumpet Vine <i>DECIDUOUS VINE; dark red flowers with orange throat from late July into September on new wood; vigorous grower to 40' tall adhering to vertical structures by root-like holdfasts; attracts butterflies &amp; hummingbirds; tolerant of deer browse; locate full sun to light shade &amp; in any soil not remaining wet; drought tolerant when established; southeastern US native; Zones 4 - 9</i>	<b>STAKED</b>		5g	
<b>Campsis radicans 'Flava'</b> Yellow Trumpet Vine <i>DECIDUOUS VINE; yellow flowers in July &amp; August on new wood; non-descript yellowish fall foliage; vigorous grower to 40' tall adhering to vertical structures by root-like holdfasts; attracts hummingbirds; tolerant of deer browse; locate full sun to light shade &amp; in any soil not remaining wet; drought tolerant when established; southeastern US native; Zones 4 - 9</i>	<b>STAKED</b>		5g	
<b>Campsis radicans 'Madame Galen'</b> Orange Trumpet Vine <i>DECIDUOUS VINE; orange-scarlet blooms in July &amp; August on new wood; vigorous grower to 40' tall adhering to vertical structures by root-like holdfasts; attracts hummingbirds; tolerant of deer browse; locate full sun to light shade &amp; in any soil not remaining wet; drought tolerant when established; southeastern US native; Zones 4 - 9</i>	<b>STAKED</b>		5g	
<b>Caragana arborescens 'Walkerii'</b> Laceleaf Weeping Siberian Pea <i>DECIDUOUS ORNAMENTAL TREE; bright yellow racemes in spring; very finely cut compound green summer foliage turns yellow in fall; usually grafted on a standard; height mostly determined by standard height; stiffly weeping branches; locate in full sun &amp; most any soil including saline; northern Asian native; Zones 2 - 7</i>			15g	
<b>Carpinus betulus</b> European Hornbeam <i>DECIDUOUS SHADE TREE; dark green summer foliage turns light yellowish-brown in the fall &amp; often persists into winter; upright oval habit to 50'; locate in full sun to part shade; tolerant of any soil if well-drained; native to Europe &amp; Asia Minor; Zones 5 - 8</i>		1.75" 2" 2.5" 3"	10g B&B B&B B&B B&B	<b>N</b>

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<b>Carpinus betulus 'Fastigiata'</b> <b>LOW BRANCHED</b> Fastigiata European Hornbeam <i>DECIDUOUS ORNAMENTAL TREE; narrow upright habit to 35' widens with age (like the rest of us); yellowish fall foliage; branching starts at or very close to the ground; locate in full sun to part shade; tolerant of any soil if well-drained; native to Europe &amp; Asia Minor; Zones 5 - 8</i>		8 - 10' 2" 2.5" 3"	10g 15g 20g B&B B&B B&B B&B	
<b>Carpinus betulus 'Franz Fontaine'</b> <b>LOW BRANCHED</b> Fastigiata European Hornbeam <i>DECIDUOUS ORNAMENTAL TREE; narrow upright habit to 35' is supposed to stay fairly narrow (not all trees have read the book); yellowish fall foliage; branching starts at or very close to the ground; locate in full sun to part shade; tolerant of any soil if well-drained; native to Europe &amp; Asia Minor; Zones 5 - 8</i>		8 - 10' 1.75" 2" 2.5"	15g 20g B&B B&B B&B B&B	
<b>Carpinus caroliniana</b> American Hornbeam; Ironwood; Musclewood <i>DECIDUOUS SHADE TREE; compact rounded heads; slow grower to about 25'; yellow to bright orange 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; Zones 3 - 9</i>		1.75" 2"	20g B&B B&B	
<b>Caryopteris x clandonensis 'Blue Mist'</b> False Spirea; Bluebeard <i>DECIDUOUS FLOWERING SHRUB; fragrant powder-blue flower for about 8 weeks beginning in August; silver-gray foliage; deer browse resistant; attracts butterflies; locate in full sun &amp; well-drained neutral soil; native Asian cross; Zones 6 - 9</i>			5g	
<b>Cedrus atlantica 'Fastigiata'</b> Columnar Atlas Cedar <i>EVERGREEN ORNAMENTAL CONIFER; columnar upright grower; greenish-blue needles; locate in full to mostly sunny locations with good organic well drained soil which holds good moisture; can handle limited drought; protect from winter winds in northern range; north African native; Zones (5) 6 - 9</i>		6 - 7' 7 - 8' 8 - 10' 3" 3.5" 4"	B&B B&B B&B B&B B&B B&B	
<b>Cedrus atlantica 'Glauca'</b> Blue Atlas Cedar <i>EVERGREEN ORNAMENTAL CONIFER; dark blue evergreen needles; somewhat open &amp; upright when young; matures to a large pyramid or irregular flat-topped shape; locate in full to mostly sunny locations with good organic well drained soil which holds good moisture; can handle limited drought; protect from winter winds in northern range; north African native; Zones (5) 6 - 9</i>		7 - 8' 8 - 10' 3.5" 4"	10g B&B B&B B&B B&B	
<b>Cedrus atlantica 'Glauca Pendula'</b> <b>SERPENTINE</b> Weeping Blue Atlas Cedar <i>EVERGREEN ORNAMENTAL CONIFER; blue-green needles; trunks are staked in an undulating shape to resemble a multi-curved S; ultimate shape and undulation will vary with staking; locate in full to mostly sunny locations with good organic well drained soil which holds good moisture; can handle limited drought; protect from winter winds in northern range; north African native; Zones (5) 6 - 9</i>		5 - 6' spr	10g B&B	
<b>Cedrus deodara 'Aurea'</b> Golden Deodara Cedar <i>EVERGREEN ORNAMENTAL CONIFER; golden evergreen needles; pyramidal habit; can get large in time; protect from winter winds; locate in full to mostly sunny area with well-drained soil; native to western Himalaya; Zones (6) 7 - 9</i>		6 - 7' 7 - 8' 8 - 10'	B&B B&B B&B	

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<b>Cedrus deodara 'Sander's Blue'</b> Blue Deodara Cedar <i>EVERGREEN ORNAMENTAL CONIFER; somewhat open pyramidal habit to 50' or more with relaxed lateral branches; very blue evergreen needles; protect from winter winds in northern range; may be the same as 'Blue Velvet'; locate in full to mostly sunny locations with good organic well drained soil which holds good moisture; can handle limited drought; Zones (6) 7 - 9</i>		7 - 8' 8 - 10'	B&B B&B	
<b>Celtis occidentalis</b> Common Hackberry <i>DECIDUOUS SHADE TREE; pyramidal headed shade tree growing to 50' tall and about as wide; yellow fall foliage; tolerant of urban conditions, some salt exposure &amp; most pests; drought tolerant; locate in full sun &amp; just about any soil that isn't wet for extended periods; native to US &amp; Canada; Zones 3 - 7 (8)</i>		2.5" c 3" c	B&B B&B	
<b>Cercidiphyllum japonicum</b> Katsura Tree <i>DECIDUOUS SHADE TREE; upright grower to 50' &amp; half as wide; blue-green foliage in summer turns yellow to soft orange in fall; locate in full sun &amp; well-drained moisture retentive soil; not drought tolerant; native to Japan &amp; China; Zones 4 - 8</i>		2" c 2.5" c 3" c	20g 20g B&B B&B B&B	<b>N</b>
<b>Cercis canadensis</b> <b>BUSH</b> Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink blooms along all the branches in April; wide spreading heads; yellowish fall foliage; branching starts at the ground; locate in full sun or partial shade with any well-drained soil; US native; Zones 4 - 9</i>		5 - 6' 6 - 7' 7 - 8' 8 - 9'	15g B&B B&B B&B B&B	
<b>Cercis canadensis</b> <b>TREE FORM</b> Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; bright lavender-pink blooms along all the branches in April; wide spreading heads; yellowish fall foliage; branching starts about 3' to 6' above the ground from a single stem; locate in full sun or partial shade with any well-drained soil; US native; Zones 4 - 9</i>		7 - 8' 2" c 2.5" c 3" c	15g B&B B&B B&B B&B	
<b>Cercis canadensis 'Forest Pansy'</b> <b>BUSH</b> Redleaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; purple leaf in spring &amp; early summer; typical rosy flowers in April; grows to about 25' tall &amp; wide; branching starts at the ground; locate in full sun or partial shade with any well-drained soil; US native; Zones (4) 5 - 9</i>		4 - 5' 5 - 6'	15g B&B B&B	
<b>Cercis canadensis 'Forest Pansy'</b> <b>TREE FORM</b> Redleaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; purple leaf in spring &amp; early summer; typical rosy flowers in April; grows to about 25' tall &amp; wide; branching starts at the ground; locate in full sun or partial shade with any well-drained soil; US native; Zones (4) 5 - 9</i>			15g	
<b>Cercis canadensis Lavender Twist ('Covey')</b> Weeping Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; strictly weeping habit; height is determined by staking; profuse lavender-pink flowers in April; yellowish fall foliage; locate in full sun or partial shade with any well-drained soil; US native; Zones 4 - 9</i>			15g	
<b>Cercis canadensis 'Pink Heartbreaker'</b> Weeping Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; profuse pink flowers in April; strictly weeping habit; height is determined by staking; dark green heart-shaped summer foliage turns yellowish in fall; locate in full sun or partial shade with any well-drained soil; US native (Eaton) Zones 4 - 9</i>			15g 20g	

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<b>Cercis canadensis 'Royal White'</b> White Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; profuse white flowers which are larger and appear just prior to C. c. Alba; from the U of Illinois and considered one of the hardiest Redbuds; locate in full sun or partial shade with any well-drained soil; US native; Zones 4 - 9</i>	<b>BUSH</b>	4 - 5' hvy 6' hvy	B&B B&B	
<b>Cercis canadensis 'Ruby Falls'</b> Weeping Redleaf Eastern Redbud <i>DECIDUOUS ORNAMENTAL TREE; lavender-pink flowers in mid to late April; narrow weeping habit similar to Lavender Twist, but with purple foliage; locate in full sun or partial shade with any well-drained soil; US native ['Covey' x 'Forest Pansy'] (Werner / Plant Haven) Zones 5 - 9</i>			15g	<b>N</b>
<b>Chamaecyparis nootkatensis 'Aurea'</b> Golden Alaskan Cedar <i>EVERGREEN ORNAMENTAL CONIFER; yellow spring foliage matures to yellowish-green by summer; habit is pyramidal; growth rate is intermediate; locate in full sun with deep organic well-drained moisture retentive soil; best with some afternoon shade; native to northwestern US; Zones 5 - 7</i>		4 - 5' 5 - 6' 6 - 7'	B&B B&B B&B	
<b>Chamaecyparis nootkatensis 'Pendula'</b> Weeping Alaskan Cedar <i>EVERGREEN ORNAMENTAL CONIFER; upright pyramidal habit with pendulous secondary branches; graceful pyramidal shape; profile; best located in full sun with deep organic well-drained moisture retentive soil; native to northwestern US; Zones 4 - 7 (8)</i>		4 - 5' hvy 5 - 6' hvy 7 - 8' hvy	B&B B&B B&B	
<b>Chamaecyparis obtusa 'Compacta'</b> <i>see: Chamaecyparis obtusa 'Gracilis Compacta'</i>				
<b>Chamaecyparis obtusa 'Crippsii'</b> Golden Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; bright golden lacy foliage; pyramidal habit; best gold for the East Coast; locate in full to mostly sunny location with organic moisture retentive soil that drains well; native to Japan; Zones 5 - 8</i>		30" 3' 4'	B&B B&B B&B	<b>N</b>
<b>Chamaecyparis obtusa 'Fernspray Gold' / 'Filicoides Aurea'</b> Golden Fernspray Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; golden fern-like foliage; bushy upright habit; locate in full to mostly sunny location with organic moisture retentive soil that drains well; have seen listed as 'Filicoides Gold' which is probably the same plant; native to Japan; Zones 5 - 8</i>		30" 42" 4 - 5' 5 - 6'	B&B B&B B&B B&B	
<b>Chamaecyparis obtusa 'Filicoides'</b> Fernspray Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; flat dark green fish bone-like evergreen foliage; pyramidal with central leader; will be loose without shearing; locate in full to mostly sunny location with organic moisture retentive soil that drains well; native to Japan; Zones 5 - 8</i>		30" 36" 42" 4 - 5' 5 - 6'	B&B B&B B&B B&B B&B	
<b>Chamaecyparis obtusa 'Gracilis'</b> Slender Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; moderate bushy upright grower; dark green foliage; locate in full to mostly sunny location with organic moisture retentive soil that drains well; native to Japan; Zones 5 - 8</i>		36" 42" 4'	B&B B&B B&B	
<b>Chamaecyparis obtusa 'Gracilis Aurea'</b> Golden Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; bright gold foliage on a fairly rapid upright grower; tends to have a single leader; foliage will sunburn if not given some afternoon shade; locate in full to mostly sunny location with organic moisture retentive soil that drains well; native to Japan; Zones 5 - 8</i>		4 - 5'	B&B	

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<b>Chamaecyparis obtusa 'Gracilis Compacta'</b> Compact Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; very compact upright habit, but not dwarf; dark green foliage; locate in full to mostly sunny location with organic moisture retentive soil that drains well; native to Japan; Zones 5 - 8</i>		30" 36" 42"	B&B B&B B&B	
<b>Chamaecyparis obtusa 'Graciosa'</b> Compact Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; compact upright habit with lacy medium green foliage; locate in full to mostly sunny location with organic moisture retentive soil that drains well; native to Japan; Zones 5 - 8</i>		4'	B&B	
<b>Chamaecyparis obtusa 'Torulosa'</b> Twisted Hinoki Cypress <i>EVERGREEN ORNAMENTAL CONIFER; spreading mound; orange bark on new stems; narrow twisting foliage with variable amounts of cocks-combs; locate in full to mostly sunny location with organic moisture retentive soil that drains well; native to Japan; Zones 5 - 8</i>		4'	B&B	
<b>Chionanthus virginicus</b> White Fringetree <i>DECIDUOUS ORNAMENTAL TREE; fragrant creamy white fringe-like flowers in May; shrubby upright habit to about 20' tall &amp; wide; branching starts at the ground; dark green summer foliage turns yellowish in fall; locate in full sun to partial shade &amp; any well drained soil; native to eastern US; Zones 4 - 9</i>	<b>BUSH</b>	4 - 5' 5 - 6' 6 - 7'	10g B&B B&B B&B	<b>N</b>
<b>Clethra alnifolia 'Hummingbird'</b> Compact Summersweet <i>DECIDUOUS FLOWERING SHRUB; fragrant white flowers in July; compact upright form; locate in full sun to partial shade; likes moist to wet acidic soils &amp; coastal conditions; PHS Gold Metal; eastern US native; Zones 4 - 9</i>			5g	
<b>Clethra alnifolia 'Pink Spires'</b> Pink Summersweet <i>DECIDUOUS FLOWERING SHRUB; fragrant pink flower in July; locate in full sun to partial shade; likes moist to wet acidic soils &amp; coastal conditions; eastern US native; Zones 4 - 9</i>			5g	
<b>Cornus alba 'Bud's Yellow'</b> Yellow-twig Dogwood <i>DECIDUOUS FLOWERING SHRUB; yellow stems become more brilliant in winter; green summer foliage turns yellow in fall; improved canker resistance; grows to about 6' tall in 10 yrs.; cut out older stems to retain best winter color; locate in full sun to partial shade; prefers moist well-drained soil; northeastern Asian native; Zones 2 - 7</i>			3g	
<b>Cornus alternifolia</b> Pagoda Dogwood <i>DECIDUOUS ORNAMENTAL TREE; extremely fragrant yellowish flowers in late May precedes fruit appearing in late July that transitions from green to red to bluish-black; wide spreading horizontal habit to 25' tall by 40' wide; dark green summer foliage turns reddish in fall; locate in partial shade &amp; well-drained acidic soil; US native; Zones 3 - 7</i>		3 - 4' 4 - 5' 5 - 6' 6 - 7'	10g 15g B&B B&B B&B B&B	
<b>Cornus x Celestial [Galaxy] ('Rutdan')</b> White Rutgers Hybrid Dogwood; White Stellar Dogwood <i>DECIDUOUS ORNAMENTAL TREE; white overlapping bracts in mid May; habit is vigorously upright when young, but becomes about as wide as tall when mature; resistant to anthracnose &amp; borers; locate in full sun to partial shade with good organic well-drained soil that's neutral to slightly acidic; originally released as (C. x rutgersensis) 'Galaxy' [C. kousa x C. florida] (Orton) Zones 5 - 7</i>			15g	

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Cornus florida Cherokee Brave ('Comco No. 1')</b> Red Flowering Dogwood <i>DECIDUOUS ORNAMENTAL TREE; darkest pink (light red) bracts; red fruit in fall; bright red fall foliage; fast grower with rounded heads; more disease resistant; locate in full sun to partial shade with good organic well-drained soil that's neutral to slightly acidic; US native; Zones 6 - 9</i>			15g	
<b>Cornus kousa</b> Kousa Dogwood; Japanese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; showy creamy-white bracts from late May into early summer are reported to be slightly larger than the species; bright red fruit; reddish-purple fall foliage; plants have multiple branches from the ground up; 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>	<b>BUSH</b>	4 - 5' hvy 5 - 6' hvy 6 - 7' hvy	B&B B&B B&B	
<b>Cornus kousa</b> Kousa Dogwood; Japanese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; showy creamy-white bracts from late May into early summer; bright red fruit; reddish-purple fall foliage; plants have a single trunk of approximately 3' or more before the branching starts; 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>	<b>TREE FORM</b>	5 - 6' 6 - 7'	10g 15g B&B B&B	
<b>Cornus kousa Samaritan ('Samzam')</b> Variegated Kousa Dogwood; Variegated Japanese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; white bracts ifrom late May into June; white margins on the foliage emerge pink in spring; pinkish-red fall foliage; red fruit in late summer; sport of 'Milky Way' which grows taller than 'Wolf Eyes'; upright rounded habit to 20' tall &amp; wide; locate in full sun to partial shade with good organic well-drained soil that's neutral to slightly acidic; Asian native (Lake County N) Zones 5 - 8</i>			10g	
<b>Cornus kousa 'Satomi'</b> Pink Kousa Dogwood; Pink Japanese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; intensity of the pink bracts varies annually from red to off white; glossy foliage with reddish tint; upright spreading heads; locate in full sun to partial shade with good organic well drained soil that's neutral to slightly acidic; Asian native; Zones 4 - 8</i>			10g 15g	<b>N</b>
<b>Cornus kousa 'Summer Fun'</b> Variegated Kousa Dogwood; Variegated Japanese Dogwood <i>DECIDUOUS ORNAMENTAL TREE; white flowers in late spring are somewhat lost in the bright creamy-white variegation surrounding the green centered foliage which is showy all season; fall foliage exhibits shades of red &amp; orange with pink margins; red fruit in fall; upright habit to 18' by 15' wide in 20 years; will broaden with age; locate in full sun to partial shade with good organic well-drained soil that's neutral to slightly acidic; Asian native (Buchholz) Zones 5 - 8</i>			10g 15g	<b>N</b>
<b>Cornus mas 'Golden Glory'</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, and usually more floriferous; branching starts at ground level; locate in full sun to partial shade with any well drained organic soil; native to Europe &amp; western Asia; Zones 4 - 7</i>	<b>BUSH</b>	4 - 5' hvy 5 - 6' hvy	B&B B&B	
<b>Cornus sericea 'Baileyi'</b> Redtwig Dogwood; Redosier Dogwood <i>DECIDUOUS FLOWERING SHRUB; white flowers in late May; white fruit in late summer; bushy habit to 9' tall &amp; wide; reddish-purple fall foliage; locate in full sun to partial shade with any well drained organic soil; US native; formerly C. stolonifera; Zones 2 - 7</i>			5g	

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<b>Cornus Stellar Pink ('Rutgan')</b> Pink Stellar Dogwood <i>DECIDUOUS ORNAMENTAL TREE; variable light pink bracts in mid to late May (color intensity varies from year to year); full compact head; resistant to anthracnose &amp; borers; locate in full sun to partial shade with good organic well-drained soil that's neutral to slightly acidic [C. kousa x C. florida] (Orton) Zones 5 - 7</i>			10g 15g	
<b>Cornus x Venus ('KN30-8')</b> White Jersey Star Dogwood <i>DECIDUOUS ORNAMENTAL TREE; 6" diameter white flowers in mid-spring; round red fruit in fall; dark green summer foliage turns orange in fall; vigorous grower to 20' tall &amp; wide in 20 years; resistant to powdery mildew, anthracnose &amp; borers; locate in full sun to partial shade with good organic well-drained soil that's neutral to slightly acidic; [C. kousa x C. nuttallii] (Orton) Zones 6 - 8</i>			15g	<b>N</b>
<b>Cotinus coggygia 'Royal Purple'</b> Purple Smoketree <i>DECIDUOUS FLOWERING SHRUB; purple spring &amp; summer foliage lightens to reddish-purple in fall; puffy gray flowers in early summer; broadly upright to 12' by 12'; locate in full to mostly sunny locations &amp; virtually any soil with good to moderate drainage; drought resistant; native to southern Europe &amp; Asia; Zones (4) 5 - 8</i>		4 - 5'	7g 10g	<b>N</b>
<b>Cotoneaster apiculatus 'Pendula'</b> Cranberry Cotoneaster <i>EVERGREEN GROUND COVER; light pink flowers in late May; small bright red fruit from August into November; small glossy deciduous green summer foliage turns dark red in fall; wide spreading mounding habit staying under 3' tall; locate in sun to moderate shade &amp; most well-drained soils; native to western China; Zones 4 - 7</i>			15g	<b>STANDARD</b>
<b>Crataegus viridis 'Winter King'</b> Green Hawthorn <i>DECIDUOUS ORNAMENTAL TREE; white flowers in May; persistent red fruit from early fall through early winter; prominent thorns; light gray bark; glossy summer foliage turns scarlet in fall; locate in full sun &amp; any well drained soil; PHS Gold Metal; US native; Zones 4 - 7</i>		1.5 - 2" c	15g B&B	
<b>Cryptomeria japonica 'Sekkan sugi'</b> Golden Japanese Cedar <i>EVERGREEN ORNAMENTAL CONIFER; bright golden foliage; bushy columnar to pyramidal habit; grows to about 15' in 10 years; protect from winter winds; deer browse resistant; locate in full sun to partial shade &amp; moist well-drained soil of any acidity; native to China &amp; Japan; Zones (5) 6 - 8</i>		6 - 7' 7 - 8' 12'	B&B B&B B&B	
<b>Cryptomeria japonica 'Yoshino'</b> Pyramidal Japanese Cedar <i>EVERGREEN ORNAMENTAL CONIFER; bright green foliage; rapid growing pyramid to 50' or more; lighter green foliage than 'Radicans'; protect from winter winds; deer browse resistant; locate in full sun to partial shade &amp; moist well-drained soil of any acidity; PHS Gold Metal; native to China &amp; Japan; Zones (5) 6 - 8</i>		5 - 6' 6 - 7'	B&B B&B	
<b>Cupressocyparis leylandii</b> Leyland Cypress <i>EVERGREEN ORNAMENTAL CONIFER; fast-growing dark evergreen pyramid; can wind-burn in exposed locations in winter; locate in full sun or minimal shade &amp; any well-drained soil; tolerant of saline soils; native US cross; Zones 6 - 10</i>		4 - 5' 5 - 6' 6 - 7' 7 - 8'	B&B B&B B&B B&B	

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Deutzia gracilis 'Nikko'</b> Dwarf Deutzia <i>DECIDUOUS FLOWERING SHRUB; Produce white flowers in May; low compact spreader; locate in full sun to light shade &amp; any moist well-drained soil; Japanese native; PHS Gold Metal; Zones 4 - 8</i>			3g	
<b>Diospyros kaki 'Chocolate'</b> Japanese Persimmon; Oriental Persimmon; Chinese Fig <i>DECIDUOUS FRUIT TREE; white &amp; pink spring flowers - both male &amp; female - makes this a good pollinator; mature fruit is bright orange-red &amp; of medium size born in profusion which matures in from August to early November; sweet &amp; jelly-like fruit when mature; can be used in cooking, dried, eaten fresh or frozen; green summer foliage turns neon yellow; self-pollinating; bushy habit to about 15' tall; locate in full sun &amp; well-drained moisture retentive soil; Zones 7 - 10</i>			10g	
<b>Diospyros kaki Coffee Cake â„¢ ('Nishimura Wase')</b> Japanese Persimmon; Oriental Persimmon; Chinese Fig <i>DECIDUOUS FRUIT TREE; mature fruit is medium to small &amp; matures from bright orange to brownish beginning in August; astringent until ripe; jelly-like consistency can be used in cooking, eaten fresh or frozen; needs a pollinator such as 'Chocolate' or 'Gosho'; bushy habit to about 15' tall; locate in full sun &amp; well-drained moisture retentive soil; Zones 7 - 10</i>			10g	
<b>Diospyros kaki 'Hachiya'</b> Japanese Persimmon; Oriental Persimmon; Chinese Fig <i>DECIDUOUS FRUIT TREE; no pollinator needed; profuse large mature fruit is glossy deep orange-red, firm &amp; matures mid to late season - fall; astringent until fully ripe then sweet with jelly-like consistency; almost seedless; can be eaten fresh, cooked or frozen; many consider this the best one; green summer foliage turns shades of yellow, orange &amp; red in fall; self-pollinating; bushy habit to about 20' tall; locate in full sun &amp; well-drained moisture retentive soil; Zones 6 - 10</i>			10g	
<b>Fagus grandiflora</b> American Beech <i>SHADE TREE; large wide-spreading tree to about 70' tall &amp; wide (if given space); 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 retained foliage all winter; forest climax tree; beechnuts are an important wildlife food; locate in sun or shade with well-drained organic slightly acidic soils; not tolerant of urban conditions or compacted soils; US native; Zones 4 - 9</i>			15g	
<b>Fagus sylvatica 'Dawyck Purple'</b> Columnar Purple European Beech <i>DECIDUOUS ORNAMENTAL TREE; very narrow profile; retains the purple foliage all summer; selected seedling from Trompenburg Arboretum; locate in sun (to enhance foliage color) or shade with well-drained organic soils; not tolerant of urban conditions or compacted soils; European native; Zones 4 - 7</i>		5 - 6'	10g B&B	
<b>Fagus sylvatica 'Purple Fountain'</b> Weeping Purple European Beech <i>DECIDUOUS ORNAMENTAL TREE; dark purple spring foliage loses intensity in summer; upright pyramidal habit that usually has a dominant single leader; some develop into fairly narrow irregular pyramids while others are quite broad at the base; locate in sun (to enhance foliage color) or shade with well-drained organic soils; not tolerant of urban conditions or compacted soils; European native; Zones 4 - 7</i>		2" c 2.5" c	10g 15g B&B B&B	
<b>Fagus sylvatica 'Purple Fountain'</b> Weeping Purple European Beech <i>DECIDUOUS ORNAMENTAL TREE; dark purple spring foliage loses intensity in summer; upright pyramidal habit that usually has a dominant single leader; some develop into fairly narrow irregular pyramids while others are quite broad at the base; locate in sun (to enhance foliage color) or shade with well-drained organic soils; not tolerant of urban conditions or compacted soils; European native; Zones 4 - 7</i>			15g	
				<b>LOW STAKED</b>

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<b>Fagus sylvatica 'Purpurea Pendula'</b> Weeping Purple European Beech <i>DECIDUOUS ORNAMENTAL TREE; purple foliage all summer; short compact wide spreading habit; slow grower; locate in sun (to enhance foliage color) or shade with well-drained organic soils; not tolerant of urban conditions or compacted soils; European native; Zones 4 - 7</i>		2" c	B&B	
<b>Fagus sylvatica 'Riversii'</b> Purple European Beech <i>DECIDUOUS ORNAMENTAL TREE; new foliage is very dark purple which becomes greenish purple by mid summer; upright somewhat open habit when young; becomes a large (50'+) wide-spreading tree when mature; locate in sun (to enhance foliage color) or shade with well-drained organic soils; not tolerant of urban conditions or compacted soils; European native; Zones 4 - 7</i>		1.75" c 2" c 2.5" c 3" c	10g B&B B&B B&B	
<b>Fagus sylvatica 'Roseo-marginata'</b> Tricolor European Beech <i>DECIDUOUS ORNAMENTAL TREE; dazzling pink, purple &amp; white new foliage matures to purple with white margins; slow upright grower that gets large over time; often listed as 'Tricolor' which is probably a lost species that has whiter foliage; locate in sun (to enhance foliage color) or shade with well-drained organic soils; not tolerant of urban conditions or compacted soils; European native; Zones 4 - 7</i>		2" c	B&B	
<b>Ficus 'Brown Turkey'</b> Common Fig <i>FRUIT TREE; inconspicuous green flowers in spring on old &amp; new wood yield medium to large purplish-brown fruit in late summer to early fall; can be a bush to 15' high &amp; wide or a tree to 30' tall; this cultivar is among the more hardy, but needs winter protection in northern range; can be kept in containers that are brought inside a garage or basement for the winter; locate in full to mostly sunny location with organically rich well-drained moisture retentive soil [F. carica] Zones (6) 7 - 10</i>			10g	
<b>Ficus 'Celeste'</b> Common Fig <i>FRUIT TREE; inconspicuous green flowers in spring on old &amp; new wood yield small to medium purplish-bronze fruit in late summer or early fall; can be a bush to 15' high &amp; wide or a tree to 25' tall; this cultivar is among the more hardy, but needs winter protection in northern range; can be kept in containers that are brought inside a garage or basement for the winter; locate in full to mostly sunny location with organically rich well-drained moisture retentive soil [F. carica] Zones (6) 7 - 10</i>			10g	
<b>Forsythia x intermedia 'Lynwood' / 'Lynwood Gold'</b> Border Forsythia <i>DECIDUOUS FLOWERING SHRUB; profuse bright yellow flowers in early spring; upright arching habit to 5' tall &amp; wide; locate in full sun (for maximum flower effect) to medium shade &amp; any soil with reasonable drainage; tolerant of urban conditions; Chinese hybrid [F. suspensa x F. viridissima] Zones 5 - 8</i>		3 - 4' hvy 4 - 5' hvy 5 - 6' hvy	5g B&B B&B B&B	
<b>Fothergilla gardenii</b> Dwarf Fothergilla <i>DECIDUOUS FLOWERING SHRUB; fragrant white bottle-brush flower in May; showy orange-red fall foliage; compact upright habit to 4'; locate in full sun to 1/2 shade &amp; well-drained neutral to acidic soil; US native; Zones (4) 5 - 8</i>			5g	
<b>Franklinia alatamaha</b> Franklin Tree; Franklinia <i>DECIDUOUS ORNAMENTAL TREE; bushy upright habit to 20'; fragrant 3" diameter white flowers with prominent golden stamens from late July into August; glossy dark green summer foliage turns mostly shades of bright red and orange in the late fall; somewhat sparse root system make transplanting tricky; locate in moist, acidic, well-drained soil and full sun or light shade; Zones 5 - 8</i>			10g	<b>N</b>

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<b>Frankliniana alatamaha</b> Franklin Tree; Franklinia <i>DECIDUOUS ORNAMENTAL TREE; bushy upright habit to 20'; fragrant 3" diameter white flowers with prominent golden stamens from late July into August; glossy dark green summer foliage turns mostly shades of bright red and orange in the late fall; somewhat sparse root system make transplanting tricky; locate in moist, acidic, well-drained soil and full sun or light shade; Zones 5 - 8</i>			10g	
<b>Ginkgo biloba 'Autumn Gold'</b> Ginkgo; Maidenhair Tree <i>DECIDUOUS CONIFER; a male selection; upright head to 45' tall by 35' or more wide; clear golden-yellow fall foliage; highly resistant to pests &amp; diseases; not as hardy as other cultivars; very tolerant of urban &amp; coastal conditions; locate in full sun &amp; any soil that drains; Chinese native; Zones (6) 7 - 8 (9)</i>		1.5"c	20g B&B	
<b>Ginkgo biloba Presidential Gold ('The President')</b> Ginkgo; Maidenhair Tree <i>DECIDUOUS CONIFER; broadly pyramidal to oval habit reaching 50' tall by 40' wide at maturity with central leader; male clone; bright golden fall foliage; highly resistant to pests &amp; diseases; locate in full sun &amp; any soil that drains; very tolerant of urban &amp; coastal conditions; Chinese native (Dirr / Schmidt) Zones 4 - 8 (9)</i>			20g	<b>N</b>
<b>Ginkgo biloba Princeton Sentry ('PNI2720')</b> Columnar Ginkgo; Columnar Maidenhair Tree <i>DECIDUOUS CONIFER; columnar habit; male clone; to 60' x 25' wide; golden fall foliage; highly resistant to pests &amp; diseases; locate in full sun &amp; any soil that drains; very tolerant of urban &amp; coastal conditions; China (Flemer) Zones 4 - 8 (9)</i>			15g	
<b>Gleditsia triacanthos var. inermis 'Shademaster'</b> Thornless Honeylocust <i>DECIDUOUS SHADE TREE; upright open spreading habit with age; small dark green compound foliage turns golden in fall and casts a light dappled shade; seedless; locate in full sun; prefers moist neutral to alkaline soils, but is very adaptable; very tolerant of urban conditions including soil compaction &amp; salt; US native; (Flemer) Zones 4 - 9</i>			20g	
<b>Gleditsia triacanthos var. inermis Skyline ('Skycole')</b> Thornless Honeylocust <i>DECIDUOUS SHADE TREE; upright pyramidal habit; small dark green compound foliage turns golden in fall and casts a light dappled shade; seedless; locate in full sun; prefers moist neutral to alkaline soils, but is very adaptable; very tolerant of urban conditions including soil compaction &amp; salt; US native; Zones 4 - 9</i>		1.75"c 2"c 2.5"c	B&B B&B B&B	
<b>Gymnocladus dioicus</b> Kentucky Coffeetree <i>DECIDUOUS SHADE TREE; large grower to 75' tall by 50' wide; bold open habit in winter that's masked by the doubly compound summer foliage; locate in full sun &amp; moist organic soil, but adapts high pH, drought &amp; urban situations; Zones (3) 4 - 8</i>		1.75"c 2.5"c	15g 20g B&B B&B	
<b>Hamamelis x intermedia 'Arnold Promise'</b> Yellow Hybrid Witchhazel <i>DECIDUOUS FLOWERING SHRUB; large, fragrant, clear yellow flowers with a red calyx in February &amp; March; latest to flower of intermediate types; large grower up to 20' high &amp; wide; somewhat more susceptible to foliar diseases than others; locate in full sun to light shade &amp; rich organic well-drained neutral to acidic soil; Asian cross [H. japonica x H. mollis] Zones 5 - 8</i>			7g 10g	

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Hamamelis x intermedia 'Diane'</b> Red Hybrid Witchhazel <i>DECIDUOUS FLOWERING SHRUB; mildly fragrant dark red flowers in late February; broad upright habit to 12'; locate in full sun to light shade &amp; rich organic well-drained neutral to acidic soil; Asian cross; PHS Gold Metal [H. japonica x H. mollis] Zones 5 - 8</i>			10g	<b>N</b>
<b>Hamamelis x intermedia 'Jelena' / 'Copper Beauty'</b> Orange Hybrid Witchhazel <i>DECIDUOUS FLOWERING SHRUB; golden-coppery flower with red calyx; broad habit; fall foliage is orange-red; locate in full sun to light shade &amp; rich organic well-drained neutral to acidic soil; Asian cross [H. japonica x H. mollis] Zones 5 - 8</i>			10g	
<b>Heptacodium miconioides</b> Seven-son Flower <i>DECIDUOUS ORNAMENTAL SHRUB; fragrant creamy white flowers open in August and remain into September; green fruit follows that turns rose-purple &amp; is effective for 2 to 3 weeks; irregular loose upright habit to 10' or more; tan exfoliating bark gives winter interest; locate in full sun to partial shade &amp; organic moisture retentive well-drained acidic soil; Chinese native; Zones 5 - 8</i>		4 - 5' 5 - 6' 6 - 7'	10g B&B B&B B&B	
<b>Hibiscus syriacus 'Aphrodite'</b> Pink Rose-of-Sharon; Pink Althea <i>DECIDUOUS FLOWERING SHRUB; single rose-pink with red eye; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native (Egolf) Zones 5 - 8 (9)</i>	<b>BUSH</b>	3 - 4' 4 - 5' 5 - 6'	5g B&B B&B B&B	
<b>Hibiscus syriacus 'Aphrodite'</b> Lavender Rose-of-Sharon; Lavender Althea <i>DECIDUOUS FLOWERING SHRUB; 4" diameter single lavender-pink flower with red eye that's effective from June through September; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; branching starts at about 3-4' above the ground on a single trunk; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native; Zones 5 - 8 (9)</i>	<b>TREE FORM</b>		15g	
<b>Hibiscus syriacus Blue Satin ('Marina')</b> Blue Rose-of-Sharon; Blue Althea <i>DECIDUOUS FLOWERING SHRUB; large, single, purple-blue flower; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native (PW) Zones 5 - 8 (9)</i>	<b>BUSH</b>		5g	
<b>Hibiscus syriacus Blue Satin ('Marina')</b> Blue Rose-of-Sharon; Blue Althea <i>DECIDUOUS FLOWERING SHRUB; large, single, purple-blue flower; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native (PW) Zones 5 - 8 (9)</i>	<b>TREE FORM</b>		10g	
<b>Hibiscus syriacus 'Diana'</b> White Rose-of-Sharon; White Althea <i>DECIDUOUS FLOWERING SHRUB; triploid; large single pure white flowers all summer &amp; remain open at night; low seed set; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native; PHS Gold Metal (Egolf) Zones 5 - 8 (9)</i>	<b>BUSH</b>	3 - 4' 4 - 5'	5g B&B B&B	

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# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Hibiscus syriacus Lavender Chiffon ('Notwoodone')</b> <b>TREE FORM</b> Lavender Rose-of-Sharon; Lavender Althea <i>DECIDUOUS FLOWERING SHRUB; large single lavender bloom with lacy center; blooms all summer; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native (PW) Zones 5 - 8 (9)</i>			10g	<b>N</b>
<b>Hibiscus syriacus 'Minerva'</b> <b>BUSH</b> Lavender Rose-of-Sharon; Lavender Althea <i>DECIDUOUS FLOWERING SHRUB; 4" diameter single lavender-pink flower with red eye that's effective from June through September; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native; Zones 5 - 8 (9)</i>		3 - 4' 4 - 5' 5 - 6'	5g B&B B&B B&B	
<b>Hibiscus syriacus 'Red Heart'</b> <b>BUSH</b> White Rose-of-Sharon; White Althea <i>DECIDUOUS FLOWERING SHRUB; single white flower with red eye; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native; Zones 5 - 8 (9)</i>		3 - 4' 4 - 5'	5g B&B B&B	
<b>Hibiscus syriacus Rose Satin ('Minrosa')</b> Pink Rose-of-Sharon; Pink Althea <i>DECIDUOUS FLOWERING SHRUB; single, ruffled, light rose-pink flower with darker eye; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native (PW) Zones 5 - 8 (9)</i>			5g	
<b>Hibiscus syriacus Rose Satin ('Minrosa')</b> <b>TREE FORM</b> Pink Rose-of-Sharon; Pink Althea <i>DECIDUOUS FLOWERING SHRUB; single, ruffled, light rose-pink flower with darker eye; blooms well in hot weather; yellowish fall foliage; upright habit to about 10' tall &amp; almost as wide; branching starts at about 3-4' above the ground on a single trunk; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native (PW) Zones 5 - 8 (9)</i>			10g	
<b>Hibiscus syriacus White Chiffon ('Notwoodtwo')</b> <b>TREE FORM</b> White Rose-of-Sharon; White Althea <i>DECIDUOUS FLOWERING SHRUB; large single white bloom with a lacy center; blooms all summer; bushy upright to 10'; yellowish fall foliage; best in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; blooms well in hot weather; locate in full sun to light shade &amp; rich organic well drained soils; not fussy about pH; Asian native; Zones 5 - 8</i>			10g	
<b>Hydrangea anomala subsp. petiolaris</b> <b>TRELLIS</b> Climbing Hydrangea <i>DECIDUOUS VINE; dull white fragrant flowers in late June; variable yellow fall foliage; exfoliating tan bark; locate in light to moderate shade &amp; well-drained organic moisture retentive soil; native of Asia; Zones 4 - 7 (8)</i>			5g 10g	
<b>Hydrangea anomala subsp. petiolaris 'Miranda'</b> <b>STAKED</b> Variegated Climbing Hydrangea <i>EVERGREEN DECIDUOUS VINE; large white fragrant flowers in late June &amp; July; irregular yellowish variegated foliage is evergreen to semi-evergreen; exfoliating tan bark; slow grower to about 12' high; locate in light to moderate shade &amp; well-drained organic moisture retentive soil; native of Asia; Zones 4 - 7 (8)</i>			5g	

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# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Hydrangea arborescens 'Annabelle'</b> White Smooth Hydrangea <i>DECIDUOUS FLOWERING SHRUB; very showy flowers all summer from the new wood beginning in late June; bushy grower to 5' high &amp; wide; dark green serrated summer foliage turns a variable yellowish to brown in fall; locate in morning sun or partial shade &amp; well-drained organic moisture retentive soil of any pH; supplemental moisture during hot dry spells in summer is recommended; PHS Gold Metal; eastern US native; Zones (3) 4 - 9</i>			5g	
<b>Hydrangea macrophylla 'All Summer Beauty'</b> Mophead Bigleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; bright blue (acidic soils) or light pink (alkaline) mophead flowers from mid-summer into fall; blooms from new as well as old wood; matures to about 5' by 5'; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i>			5g	
<b>Hydrangea macrophylla BloomStruck Endless Summer ('PIIHM-II')</b> Blue Mophead Bigleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; pink or blue mop-like summer flowers on old &amp; new wood; flower color varies with soil acidity (low pH yields blue); dark green summer foliage turns reddish-purple in fall; matures to about 4' tall by 5' wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native (Bailey) Zones (5) 6 - 9</i>			5g	
<b>Hydrangea macrophylla 'Blue Cassel'</b> Blue Lacecap Bigleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large lavender-blue (acidic soils) or light pink (alkaline) lacecap flowers from mid-summer into fall on sturdy stems; blooms from new as well as old wood; dark green foliage; matures to about 5' by 5'; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i>			5g	
<b>Hydrangea macrophylla 'Blushing Bride' Endless Summer</b> White Mophead Bigleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; white blooms turn a soft blue in acidic soils and soft pink on neutral or alkaline soils; blooms on new &amp; old wood; extended bloom period from late spring through frost; matures to about 5' by 5'; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i>			5g 7g	
<b>Hydrangea macrophylla Double Delights Wedding Gown ('Dancing Snow')</b> White Lacecap Bigleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; buds open as large double white flowers on old wood before becoming lacecaps; matures to about 3' tall by 5' wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native (Ball) Zones (5) 6 - 9</i>			3g 5g	<b>N</b>
<b>Hydrangea macrophylla Endless Summer ('Bailmer')</b> Blue Mophead Bigleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; blue blooms in acidic soils on new &amp; old wood; flower color varies with soil acidity (low pH yields blue); matures to about 3' tall by 3' wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native (Bailey) Zones (5) 6 - 9</i>			5g	

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<p><b>Hydrangea macrophylla 'Glowing Embers' / 'Alpengluhen'</b>                      Pink Mophead Bigleaf Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; 8" diameter mophead flowers are produced over a 2+ month period in mid summer on old wood; they open almost white, soon turn bright pink &amp; finally pinkish-red to purplish; flower color varies with soil acidity (low pH yields purplish); matures to about 6' tall by 8' wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i></p>			5g	
<p><b>Hydrangea macrophylla Light-O-Day ('Bailday')</b>                      White Variegated Lacecap Bigleaf Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; large white sterile flowers surround small light pink to blue flowers on old &amp; new wood; flower color varies with soil acidity (low pH yields blue); narrow white border surrounds dark green summer foliage; matures to about 3' tall by 3' wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i></p>			5g	
<p><b>Hydrangea macrophylla 'Nikko Blue'</b>                      Blue Mophead Bigleaf Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; prolific large blue flowers all summer on old wood; flower color varies with soil acidity (low pH yields blue); dark green summer foliage; matures to about 6' tall by 6' wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i></p>			5g 7g	
<p><b>Hydrangea macrophylla 'Pia'</b>                      Dwarf Pink Mophead Bigleaf Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; pink to blue mid-summer flower depending on soil acidity on old wood; flower color varies with soil acidity (low pH yields blue); dark green summer foliage; compact habit to about 2' tall by 30" wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i></p>			3g	
<p><b>Hydrangea macrophylla 'Sister Theresa'</b>                      White Mophead Bigleaf Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; large round white summer blooms old wood; compact mounding habit to about 5' tall by 6' wide; deep green summer foliage; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native; Zones (5) 6 - 9</i></p>			5g	
<p><b>Hydrangea macrophylla Twist-n-Shout (Endless Summer / 'PIIHM-I')</b>                      Laceleaf Bigleaf Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; reblooming pink or blue flowers from old &amp; new wood; flower color varies with soil acidity (low pH yields blue); dark green summer foliage on red stems; compact spreading habit to about 5' tall by 5' wide; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; good salt tolerance for coastal areas; Japanese native (Dirr) Zones 4 - 9</i></p>			5g	
<p><b>Hydrangea paniculata Bobo ('ILVOBO')</b>                      Dwarf Late Panicle Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; large white cone-shaped flowers in late summer fade to pink with age on new wood; blooms on new wood from mid summer into fall; compact spreading habit to about 3' tall by 4' wide; 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 (PW) Zones 3 - 9</i></p>			3g	<b>N</b>

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# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Hydrangea paniculata 'Grandiflora'</b> <b>BUSH</b> PeeGee Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large white sterile flowers from mid-summer into fall on new wood; dark green foliage; spreading habit to about 20' tall by 15' wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>			5g	
<b>Hydrangea paniculata 'Grandiflora'</b> <b>TREE FORM</b> PeeGee Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large white sterile flowers from mid-summer into fall on new wood; dark green foliage; spreading habit to about 20' tall by 15' wide at maturity; branching starts at about 3-4' above the ground on 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>		3 - 4' spr 4 - 5' spr	10g B&B B&B	
<b>Hydrangea paniculata 'Limelight'</b> <b>BUSH</b> Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; bright greenish-white flowers in late summer on new wood; dark green foliage; spreading habit to about 8' tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; PHS Gold Metal; Asian native (PW) Zones 4 - 9</i>		30 - 36" 3 - 4' 4 - 5'	5g 7g B&B B&B B&B	
<b>Hydrangea paniculata 'Limelight'</b> <b>TREE FORM</b> Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; bright greenish-white flowers in late summer on new wood; dark green foliage; spreading habit to about 8' tall &amp; wide at maturity; branching starts at about 3-4' above the ground on a single trunk; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; PHS Gold Metal; Asian native (PW) Zones 4 - 9</i>		3 - 4' spr 4 - 5' spr	10g B&B B&B	
<b>Hydrangea paniculata 'Little Lamb'</b> <b>BUSH</b> Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; small upright white panicles in late summer on new wood; dark green foliage; spreading habit to about 8' tall by 6' wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native (PW) Zones 4 - 9</i>			3g 5g	<b>N</b>
<b>Hydrangea paniculata Little Lime ('Jane')</b> <b>BUSH</b> Dwarf Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; bright lime green flowers in late summer on new wood; dark green foliage; spreading habit to about 5' tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native (PW) Zones 4 - 9</i>			3g 5g	
<b>Hydrangea paniculata Little Quick Fire ('SMHPLQF')</b> <b>BUSH</b> Dwarf Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; white flowers appear a month earlier than older H. paniculata types on new wood, then turn rosy-pink; dark green foliage; compact rounded habit to about 4' tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>			3g 5g	<b>N</b>

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Hydrangea paniculata 'Phantom'</b> <p style="text-align: right;"><b>BUSH</b></p> <p>Late Panicle Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; huge white ball-like panicle clusters on stiff branches in late summer on new wood; dark green foliage; spreading habit to about 10' tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i></p>			5g 7g	<b>N</b>
<b>Hydrangea paniculata 'Phantom'</b> <p style="text-align: right;"><b>TREE FORM</b></p> <p>Late Panicle Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; huge white ball-like panicle clusters on stiff branches in late summer on new wood; dark green foliage; spreading habit to about 10' tall &amp; wide at maturity; branching starts at about 3-4' above the ground on 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></p>			5g 7g 10g	
<b>Hydrangea paniculata 'Pink Diamond'</b> <p style="text-align: right;"><b>BUSH</b></p> <p>Late Panicle Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; off-white to light pink flowers turn variable shades pink with age in late summer on new wood; dark green foliage; spreading habit to about 10' tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i></p>			5g 7g 10g	
<b>Hydrangea paniculata 'Pink Diamond'</b> <p style="text-align: right;"><b>TREE FORM</b></p> <p>Late Panicle Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; off-white to light pink flowers turn variable shades pink with age in late summer on new wood; dark green foliage; spreading habit to about 10' tall &amp; wide at maturity; branching starts at about 3-4' above the ground on 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></p>		3 - 4' spr 4 - 5' spr	10g 15g B&B B&B	
<b>Hydrangea paniculata Pinky Winky ('DVPPinky')</b> <p style="text-align: right;"><b>BUSH</b></p> <p>Pink Late Panicle Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; profuse 12" white flowers turn pink as they age while pushing more white flowers at the tips, giving a two-tone effect in late summer on new wood; dark green foliage; spreading habit to about 8' tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native (PW) Zones 4 - 9</i></p>			5g	
<b>Hydrangea paniculata Pinky Winky ('DVPPinky')</b> <p style="text-align: right;"><b>TREE FORM</b></p> <p>Pink Late Panicle Hydrangea  <i>DECIDUOUS FLOWERING SHRUB; profuse 12" white flowers turn pink as they age while pushing more white flowers at the tips, giving a two-tone effect in late summer on new wood; dark green foliage; spreading habit to about 8' tall &amp; wide at maturity; branching starts at about 3-4' above the ground on 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 (PW) Zones 4 - 9</i></p>			10g	<b>N</b>

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Hydrangea paniculata Quick Fire ('Bulk')</b> <b>BUSH</b> Pink Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; white flowers appear a month earlier than older H. paniculata types on new wood, then turn rosy-pink; dark green foliage; spreading habit to about 8' tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>			5g	
<b>Hydrangea paniculata 'Tardiva'</b> <b>BUSH</b> Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; upright white flowers from late summer into early fall in late summer on new wood; dark green foliage; spreading habit to about 10' or more tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>		3 - 4' 4 - 5'	5g 10g B&B B&B	
<b>Hydrangea paniculata 'Tardiva'</b> <b>TREE FORM</b> Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; upright white flowers from late summer into early fall in late summer on new wood; dark green foliage; spreading habit to about 10' or more tall &amp; wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>			10g	
<b>Hydrangea paniculata Vanilla Strawberry ('RENhy')</b> <b>BUSH</b> Pink Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large pyramidal flower clusters open greenish, quickly turn creamy white, then light pink before maturing to dark rosy-pink as they age; new flowers continually appear providing a two-tone effect in late summer on new wood; dark green foliage; broadly upright to about 7' tall by 5' wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>			5g 7g	
<b>Hydrangea paniculata Vanilla Strawberry ('RENhy')</b> <b>TREE FORM</b> Pink Late Panicle Hydrangea <i>DECIDUOUS FLOWERING SHRUB; large pyramidal flower clusters open greenish, quickly turn creamy white, then light pink before maturing to dark rosy-pink as they age; new flowers continually appear providing a two-tone effect in late summer on new wood; dark green foliage; broadly upright to about 7' tall by 5' wide at maturity; locate in full sun to partial or afternoon shade (especially in southern range); soil needs to be well-drained, but with good moisture retention; Asian native; Zones 4 - 9</i>			10g	<b>N</b>
<b>Hydrangea quercifolia</b> Oakleaf Hydrangea <i>DECIDUOUS FLOWERING SHRUB; pyramidal flowers in late June on old wood, turn pure white then pinkish in late summer; burgundy to scarlet fall foliage; tan exfoliating bark; broadly upright habit to 8' or more tall &amp; wide; locate in partial or filtered shade with rich organic well-drained soil; US native; Zones 5 - 9</i>			5g	
<b>Hypericum frondosum 'Sunburst'</b> Golden St. Johnswort <i>DECIDUOUS FLOWERING SHRUB; bright yellow flowers in June &amp; July; blue-green foliage; bushy spreading habit to 3' tall by 4' wide; brown exfoliating bark; US native; Zones 5 - 8</i>			5g	

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Hypericum 'Hidcote'</b> St. Johnswort <i>DECIDUOUS FLOWERING SHRUB; fragrant golden yellow flowers on new growth from June through Sept; spreading groundcover that gets about 3' high &amp; wide; blue-green summer foliage; locate in full sun to partial shade and any well drained soil; Japanese native; Zones (5) 6 - 8</i>			5g	
<b>Ilex x aquipernyi Dragon Lady ('Meschick')</b> Pyramidal Hybrid Holly <i>EVERGREEN TREE; narrow green pyramid with spiny dark green foliage that resists deer browse; somewhat self-fruitful; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; Zones 6 - 9</i>		42 - 48" 4 - 5'	B&B B&B	
<b>Ilex x 'Centennial Girl'</b> Pyramidal Meserve Holly <i>EVERGREEN TREE; narrow upright pyramid; persistent red fruit into spring; mite resistant; dark glossy green foliage; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; Zones 6 - 9</i>		42 - 48"	B&B	
<b>Ilex x China Girl ('Mesog')</b> Meserve Holly <i>EVERGREEN SHRUB; glossy bright green foliage; red fruit; vigorous bushy habit; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; Zones 6 - 9</i>		36 - 42"	B&B	
<b>Ilex crenata 'Sky Pencil'</b> Columnar Japanese Holly <i>EVERGREEN SHRUB; very narrow upright habit; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; Asian native; Zones (5) 6 - 7 (8)</i>		36" 42"	5g B&B B&B	
<b>Ilex crenata 'Steeds'</b> Upright Japanese Holly <i>EVERGREEN SHRUB; upright green; good hedging plant; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; Asian native; Zones 5 - 7 (8)</i>		30 - 36" 36 - 42" 42 - 48"	B&B B&B B&B	
<b>Ilex glabra 'Compacta'</b> Compact Inkberry <i>EVERGREEN SHRUB; compact rounded green shrub; deer browse resistant; locate in full sun to partial shade &amp; neutral to acidic moist organic soil; excellent in wet sites; US native; Zones (4) 5 - 9</i>		18 - 24"	B&B	
<b>Ilex x meserveae Blue Maid ('Mesid')</b> Upright Female Blue Holly; Upright Female Meserve Holly <i>EVERGREEN SHRUB; dark blue-green foliage; upright columnar habit to 15'; red fruit; excellent hedge or specimen plant; sheared for hedging; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; PHS Gold Metal; Zones 5 - 8</i>		36" 42" 48"	B&B B&B B&B	
<b>Ilex x meserveae Blue Princess ('Conapry')</b> Female Blue Holly; Female Meserve Holly <i>EVERGREEN SHRUB; mounding upright habit to 15'; profuse red fruit when in close proximity of male pollinator; dark blue-green foliage; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; Zones 5 - 9</i>		30" 36" 42"	B&B B&B B&B	
<b>Ilex x 'Nellie Stevens'</b> Pyramidal Hybrid Holly <i>EVERGREEN TREE; broadly pyramidal with glossy dark green foliage; red fruit; somewhat self-fruitful; locate in full sun to partial shade &amp; neutral to acidic well-drained organic soil; Zones 6 - 9</i>		42 - 48" 4 - 5' 5 - 6'	B&B B&B B&B	

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Ilex verticillata 'Jim Dandy'</b> Male Winterberry Holly <i>DECIDUOUS ORNAMENTAL SHRUB; early flowering male pollinator for: 'Afterglow', 'Aurantiaca', 'Berry Heavy', 'Harvest Red' &amp; 'Red Sprite', among others; formerly named 'Dwarf Male'; compact densely branched habit to about 5' tall; locate in full sun to partial shade &amp; neutral to acidic moisture retentive soil; native to areas with persistently moist to wet soils; native to US &amp; Canada; Zones 3 - 9</i>			5g	
<b>Ilex verticillata 'Red Sprite'</b> Dwarf Female Winterberry Holly <i>DECIDUOUS ORNAMENTAL SHRUB; compact bushy habit to 5'; persistent profuse bright red fruit; pollinated by 'Jim Dandy' &amp; 'Apollo'; locate in full sun to partial shade &amp; neutral to acidic moisture retentive soil; native to areas with persistently moist to wet soils; native to US &amp; Canada; Zones 3 - 9</i>			5g	
<b>Ilex verticillata 'Southern Gentlemen'</b> Male Winterberry Holly <i>DECIDUOUS ORNAMENTAL SHRUB; male pollinator for 'Capapon', 'Shaver', 'Sparkleberry', 'Winter Red' &amp; 'Winter Gold', and other late bloomers if planted within 30'; rapid upright grower; locate in full sun to partial shade &amp; neutral to acidic moisture retentive soil; native to areas with persistently moist to wet soils; native to US &amp; Canada; Zones 3 - 9</i>			5g	
<b>Ilex verticillata 'Winter Red'</b> Female Winterberry Holly <i>DECIDUOUS ORNAMENTAL SHRUB; upright rounded habit to 8'; large persistent profuse bright red fruit; pollinated by 'Southern Gentleman'; locate in full sun to partial shade &amp; neutral to acidic moisture retentive soil; native to areas with persistently moist to wet soils; native to US &amp; Canada; PHS Gold Metal; Zones 3 - 9</i>		30" 3 - 4' 4 - 5'	5g 7g B&B B&B B&B	
<b>Itea virginica 'Henry's Garnet'</b> Virginia Sweetspire <i>DECIDUOUS FLOWERING SHRUB; mildly fragrant white flowers in late May or early June; bushy upright habit to 6'; persistent burgundy foliage in fall; locate in full sun or shade &amp; moist or well-drained acidic moisture retentive soils; not drought tolerant; PHS Gold Metal plant; US native; Zones 5 - 9</i>			5g	
<b>Itea virginica Little Henry ('Sprich')</b> Compact Virginiana Sweetspire <i>DECIDUOUS FLOWERING SHRUB; mildly fragrant white flowers in late May or early June; bushy upright habit to 4'; persistent burgundy foliage in fall; locate in full sun or shade &amp; moist or well-drained acidic moisture retentive soils; not drought tolerant; US native; Zones 5 - 9</i>			5g	
<b>Juniperus chinensis 'Blue Point'</b> Blue Pyramidal Chinese Juniper <i>EVERGREEN ORNAMENTAL CONIFER; compact pyramid to 10'; blue scale-like needles; locate in full sun &amp; most well-drained soils; drought tolerant when established; Asian native; Zones 4 - 9</i>		42 - 48" 4 - 5' 5 - 6'	B&B B&B B&B	
<b>Juniperus chinensis 'Hetzi Columnaris' / 'Fairview'</b> Pyramidal Chinese Juniper <i>EVERGREEN ORNAMENTAL CONIFER; narrow pyramidal habit to 25'; somewhat loose branching; prominent light blue fruit; mature green and bluish juvenile foliage; locate in full sun &amp; most well-drained soils; drought tolerant when established; Asian native; Zones 5 - 9</i>		42 - 48" 4 - 5'	B&B B&B	
<b>Juniperus chinensis 'Robusta Green'</b> Irregular Upright Chinese Juniper <i>EVERGREEN ORNAMENTAL CONIFER; irregular upright habit to 15' or more tall with blue-green foliage; with varies with shearing; salt tolerant; locate in full sun &amp; most well-drained soils; drought tolerant when established; Asian native; Zones 5 - 9</i>		42 - 48" 4 - 5'	B&B B&B	

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# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Juniperus chinensis 'Sea Green'</b> Spreading Chinese Juniper <i>EVERGREEN ORNAMENTAL CONIFER; compact spreading habit; bright green evergreen arching foliage; grows to 6' high by 8' wide; easily trimmed to desired size; locate in full sun &amp; most well-drained soils; drought tolerant when established; Asian native; Zones 4 - 9</i>		30 - 36" spr 3 - 4' spr	B&B B&B	
<b>Juniperus chinensis Torulosa' / 'Kaizuka'</b> Hollywood Juniper <i>EVERGREEN ORNAMENTAL CONIFER; bright evergreen foliage; irregular upright habit to 30'; heat &amp; salt tolerant; locate in full sun &amp; most well-drained soils; drought tolerant when established; Asian native; Zones (5) 6 - 9</i>		42 - 48" 4 - 5'	B&B B&B	
<b>Koelreuteria paniculata</b> Golden Raintree <i>DECIDUOUS ORNAMENTAL TREE; golden yellow flowers in mid July; sparse irregular branching; compound leaves make the tree look full when in leaf; irregular yellow to orange fall foliage; locate in full sun &amp; any well-drained soil that is moisture retentive; tolerates most urban conditions; Zones 4 - 8</i>		1.75"c 2"c 2.5"c 3"c	15g 20g B&B B&B B&B B&B	
<b>Laburnum anagyroides</b> Common Laburnum; Golden Chain Tree <i>DECIDUOUS ORNAMENTAL TREE; fragrant bright yellow pendulous racemes to 10" long in mid May; yellowish-green fall foliage; upright habit to 25' tall &amp; wide with age; not a long lived tree but it's spectacular in bloom between birth &amp; death; all parts of the plants are poisonous; locate in light or afternoon shade &amp; cool fertile well-drained soil; not tolerant of areas with high evening temperatures in summer; European native; Zones 5 - 7</i>			15g	
<b>Ligustrum ovalifolium</b> California Privet <i>DECIDUOUS FLOWERING SHRUB; very fragrant white flowers in June &amp; early July; glossy semi-evergreen foliage; may be evergreen in southern range; rapid growing bushy shrub to 20' tall &amp; wide, however, can be pruned to almost any size &amp; shape; locate in sun or shade &amp; any soil that doesn't remain wet; fairly tolerant of coastal conditions &amp; salt spray; Japanese native; Zones (4) 5 - 8</i>		3 - 4' 4 - 5'	B&B B&B	
<b>Liquidambar styraciflua</b> American Sweetgum <i>DECIDUOUS SHADE TREE; distinct pyramidal habit in youth evolves to a more rounded form when mature at 70' tall by 50' wide; dark glossy green summer foliage turns variable shades of burgundy, red, yellow &amp; deep purple in fall; locate in full sun &amp; moist to partially wet organic soils; native to eastern of US &amp; Mexico; Zones 5 - 9</i>		1.75"c 2"c 2.5"c	20g B&B B&B B&B	
<b>Liriodendron tulipifera</b> Tuliptree; Tulip Poplar <i>DECIDUOUS SHADE TREE; rapid narrow upright habit to 100' or more; somewhat weak wood; light orange-green flowers in early June; green summer foliage turns variable yellow in fall; locate in full sun or light shade &amp; deep organic soil that retains moisture &amp; is somewhat acidic; US native; Zones 4 - 9</i>			20g	
<b>Magnolia x acuminata 'Butterflies'</b> Yellow Cucumbertree Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant deep yellow flower in late April; upright pyramidal habit to 20' or more tall; branches start above a single stem approximately 3' to 5' above 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>			10g 15g	



# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Magnolia x liliiflora 'Jane'</b> USDA Hybrid Lily Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fuzzy light gray buds open to reddish-purple flowers that have white centers in mid/late April as the foliage emerges; sporadic summer flowers; compact bushy upright habit to 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>			10g	
<b>Magnolia x loebneri 'Leonard Messel'</b> Pink Loebner Magnolia; Pink Star Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant purple-pink &amp; white star-like flowers in mid April; bushy upright habit to 20' tall; locate in full sun to light or dappled shade &amp; deep well-drained acidic soil with good moisture retention; Asian cross; Zones 5 - 8</i>		4 - 5' 5 - 6' 6 - 7' 7 - 8'	B&B B&B B&B B&B	
<b>Magnolia x loebneri 'Merrill' / 'Dr. Merrill'</b> White Loebner Magnolia <i>DECIDUOUS ORNAMENTAL TREE; profuse large white flowers in mid April; broadly upright to 25' or more; semi-evergreen in the mid-Atlantic region; locate in full sun to light or dappled shade &amp; deep well-drained acidic soil with good moisture retention; Asian cross; PHS Gold Metal (Arnold Arb.) Zones 3 - 8</i>		4 - 5' 5 - 6' 6 - 7' 7 - 8' 8 - 10'	B&B B&B B&B B&B B&B	
<b>Magnolia stellata 'Royal Star'</b> Star Magnolia <i>DECIDUOUS ORNAMENTAL TREE; fragrant white star-like flowers in late March; broad bushy habit to 15' tall &amp; slightly wider; locate in full sun to light or dappled shade &amp; deep well-drained acidic soil with good moisture retention; Japanese native (Vermeulen N) Zones 5 - 8</i>		3 - 4' 4 - 5' 5 - 6'	B&B B&B B&B	
<b>Malus Coralburst ('Coralcole')</b> Dwarf Pink Crabapple <i>DECIDUOUS ORNAMENTAL TREE; coral pink buds open to double rose-pink flower; limited 1/2" bronze fruit; dense rounded heads to 15' tall &amp; wide; some susceptibility to scab; 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 (Gardenview Hort. Park) Zones 4 - 8</i>		1.5"c	15g B&B	
<b>Malus domestica - 6 Way Combo</b> Fruiting Apple <i>DECIDUOUS FRUIT TREE; three branches grafted to the left and right of central stem with 6 varieties ('Red McIntosh', 'Gala', 'Yellow Transparent', 'Fuji', 'Yellow Delicious' &amp; 'Gravenstein'); pink buds open to white flowers in May; fruit usually follows in early fall; locate in full sun (for best fruit production) or light shade &amp; organic moisture retentive well-drained soil; native to western Asia [M. domestica] Zones 3 - 8</i>			10g	
<b>3 TIER ESPALIER</b>				
<b>Malus domestica 'Golden Delicious' / 'Yellow Delicious'</b> Fruiting Apple <i>DECIDUOUS FRUIT TREE; pink buds open to white flowers in May; fruit usually follows in early fall; locate in full sun (for best fruit production) or light shade &amp; organic moisture retentive well-drained soil; native to western Asia [M. domestica] Zones 3 - 8</i>			10g	
<b>Malus domestica Honeycrisp</b> Fruiting Apple <i>DECIDUOUS FRUIT TREE; pink buds open to white flowers in May; fruit usually follows in early fall &amp; is bright red with stripping to yellowish with red stropping; fruit is large, very sweet &amp; juicy; locate in full sun (for best fruit production) or light shade &amp; organic moisture retentive well-drained soil; native to western Asia (U of MN) Zones 3 - 8</i>		1.5"c 1.75"c	B&B B&B	

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Malus domestica 'Jonagold'</b> Fruiting Apple <i>DECIDUOUS FRUIT TREE; pink buds open to lightly scented pale pink flowers in May; yellowish-red fruit usually follows in mid fall; habit varies with root-stock but tends to be as high as wide; not a pollinator; attracts hummingbirds &amp; butterflies; locate in full sun (for best fruit production) or light shade &amp; organic moisture retentive well-drained slightly acidic soil; best pollination with at least 2 other varieties; native to western Asia; Zones 4 - 8</i>			10g	
<b>Malus domestica 'Macoun'</b> Fruiting Apple <i>DECIDUOUS FRUIT TREE; pink buds open to white flowers in May; fruit usually follows in early fall &amp; is dark red; excellent for eating or cooking; locate in full sun (for best fruit production) or light shade &amp; organic moisture retentive well-drained soil; native to western Asia; Zones 3 - 8</i>		1.5" 1.75"	10g B&B B&B	
<b>Malus domestica 'Summercrisp'</b> Fruiting Apple			10g	
<b>Malus 'Donald Wyman'</b> White Crabapple <i>DECIDUOUS ORNAMENTAL TREE; dark pink to red buds open to 1.75" white flowers; more prolific in alternate years; persistent 1/2" bright red fruit; large spreading habit to 20' tall by 25' wide; glossy dark green summer foliage; resistant to most diseases; slight susceptibility to scab, mildew &amp; fireblight; 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; PHS Gold Metal; Zones 4 - 8</i>		1.5" 2" 2.5"	15g B&B B&B B&B	<b>N</b>
<b>Malus 'Perfect Purple'</b> Pink Crabapple <i>DECIDUOUS ORNAMENTAL TREE; deep pink flowers; abundant purplish-red fruit all fall; purple foliage in summer &amp; fall; rounded heads to 20' x 20'; good to excellent disease resistance to Cedar-Apple rust &amp; mildew; fair resistance to scab &amp; fireblight; 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 (Schmidt) Zones 4 - 8</i>			15g	<b>N</b>
<b>Malus sargentii 'Tina'</b> Dwarf Sargent Crabapple <i>DECIDUOUS ORNAMENTAL TREE; red buds open to single white flowers; 1/4" red fruit; dwarf spreading habit to 5' tall by 10' wide; excellent disease resistance; branching starts at the or slightly above the bud union at or near the ground; 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>		1.5"	15g B&B	
<b>Malus x zumi 'Calocarpa'</b> White Crabapple <i>DECIDUOUS ORNAMENTAL TREE; deep red buds open to fragrant soft pink flowers which fade to white; persistent 1/2" red fruit; rounded heads to 25' x 25'; dark green foliage; good disease resistance; slight susceptibility to scab &amp; powdery mildew &amp; severe susceptibility to fireblight; 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 (Arnold Arb.) Zones 4 - 7</i>		2"	B&B	
<b>Metasequoia glyptostroboides</b> Dawn Redwood <i>DECIDUOUS CONIFER; large growing conifer to 100' or more; bright green summer needles turn orange-brown in fall; branching starts approximately 4' above the ground; locate in full sun &amp; moist well-drained neutral to acidic soil, although tolerant of a wider range soil types except high alkaline levels; PHS Gold Metal; Chinese native; Zones 5 - 8</i>	<b>TREE FORM</b>	2" 2.5" 3" 3.5"	15g 25g B&B B&B B&B B&B	<b>N</b>

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Myrica pensylvanica</b> Northern Bayberry <i>EVERGREEN ORNAMENTAL SHRUB; non-ornamental male or female flowers in early spring; female plants have profuse amounts of grayish-white fruit; bushy suckering habit to 10' tall &amp; wide; very useful in coastal landscapes for its extreme salt tolerance; can be semi-evergreen to evergreen in southern hardiness range; fruit used to make candles, etc.; resists deer browse; locate in full to partial sun &amp; just about any soil; performs very well in sterile sandy soils with high salinity; Genus recently renamed Morella; eastern US native; Zones 3 - 7</i>		30 - 36" 3 - 4' 4 - 5'	5g B&B B&B B&B	
<b>Nyssa sylvatica</b> Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; glossy dark green summer foliage turns brilliant shades of red, orange &amp;/or yellow in fall; young distinctly pyramidal plants mature upright or wide-spreading at maturity reaching 50' tall by 30' wide; taproot; fall transplanting hazard; locate in full sun to partial shade; prefers moist organic well-drained acidic soils, but tolerates a wide soil range if soil is not alkaline; US native; Zones 4 - 9</i>			15g	
<b>Nyssa sylvatica Afterburner ('David Odom')</b> Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; glossy dark green summer foliage turns brilliant red in fall &amp; retains color much later than the species; upright pyramidal to oval habit reaching 35' tall by 20' wide; taproot; fall transplanting hazard; locate in full sun to partial shade; prefers moist organic well-drained acidic soils but tolerates a wide soil range if soil is not alkaline; US native (Schmidt) Zones 4 - 9</i>			15g	
<b>Nyssa sylvatica 'Wildfire'</b> Black Gum; Black Tupelo <i>DECIDUOUS SHADE TREE; bright red new foliage, veins and petioles; summer foliage is dark green with a reddish tinge; fall foliage is also brilliant red; pyramidal habit; less susceptible to leaf spot; taproot; fall transplanting hazard; locate in full sun to partial shade; prefers moist organic well-drained acidic soils, but tolerates a wide soil range if soil is not alkaline; US native (Hottovy) Zones 4 - 9</i>			15g	<b>N</b>
<b>Osmanthus heterophyllus 'Gulftide'</b> Hardy False-holly <i>BROADLEAF EVERGREEN SHRUB; compact upright habit to 15'; spiny holly-like foliage; highly resistant to deer browse; locate in full sun to partial shade; prefers moist organic well-drained acidic soil, but is tolerant of slight alkalinity; native to Japan; Zones 6 - 9</i>		36 - 42" 42 - 48" 4 - 5'	B&B B&B B&B	
<b>Ostrya virginiana</b> American Hop Hornbeam; Ironwood <i>SHADE TREE; bright dark green summer foliage turns yellowish in fall; fall transplanting hazard; locate in full sun to partial shade; tolerates a wide soil range if acidic and drains well; drought tolerant; native to eastern &amp; central North America; Zones 4 - 9</i>		1.75"c 2 - 2.5"c 2.5 - 3"c	15g 20g B&B B&B B&B	
<b>Oxydendrum arboreum</b> Sourwood <i>ORNAMENTAL TREE; creamy cascading flower panicles in August; pendulous light green seed capsules contrast against the brilliant red fall foliage which appear at the same time; variable narrow upright grower to 35' or more; locate in full sun to partial shade &amp; deep organic well-drained acidic soils; withstands limited drought; not for urban areas; Zones (4) 5 - 9</i>			15g	
<b>Parrotia persica</b> Persian Ironwood; Persian Witchhazel <i>DECIDUOUS ORNAMENTAL TREE; small crimson flowers appear before the foliage in early spring; individually they aren't significant, however in mass they help welcome spring; emerging spring foliage is glossy green with a maroon margin; glossy green summer foliage turns shades of red, orange and gold in fall &amp; is persistent; exfoliating bark appears on thicker branches; grows to 30' or more tall &amp; wide; locate in full sun or partial shade and most well-drained soils; PHS Gold Metal; native of Asia Minor; Zones (4) 5 - 8</i>		7 - 8' 1.75 - 2"c 2 - 2.5"c 2.5 - 3"c	15g B&B B&B B&B B&B	

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Parrotia persica Persian Spire ('JLColumnar')</b> Columnar Persian Ironwood <i>DECIDUOUS ORNAMENTAL TREE; moderate growing upright to columnar habit to 25' tall by 10' wide; new spring foliage opens purple before glossy green emerges but keeps the reddish-purple edge into early summer; fall foliage turns shades of red, orange and/or gold; small crimson flowers appear before the foliage in early spring; mature plants will treat you with exfoliating bark; locate in full sun or partial shade &amp; most well-drained soils; native of Asia Minor; Zones (4) 5 - 8</i>			15g	
<b>Physocarpus ooulifolius Diablo ('Monlo')</b> Purple Ninebark <i>DECIDUOUS FLOWERING SHRUB; light pink flowers fade to white in late spring or early summer; dark reddish-purple foliage; exfoliating bark exhibits dark &amp; light tan longitudinal striations; can spread by suckers; locate in full sun or partial shade &amp; most well drained soils; drought tolerant; US native (PW) Zones (3) 4 - 6 (7)</i>		<b>TREE FORM</b>	15g	
<b>Physocarpus opulifolius Little Devil ('Donna May') First Editions</b> 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 exhibits dark &amp; light tan longitudinal striations; can spread by suckers; locate in full sun or partial shade &amp; most well drained soils; drought tolerant; US native; Zones 3 - 7 (8)</i>			5g 7g	
<b>Picea abies</b> Norway Spruce <i>EVERGREEN CONIFER; moderate growing pyramidal conifer to 60' or more; dark green needles; plants are sheared for uniformity &amp; fullness; resists deer browse; locate in full sun to partial shade &amp; well-drained neutral to acidic moisture retentive soils; native to northern Europe; Zones 2 - 7</i>		4 - 5' 5 - 6'	B&B B&B	
<b>Picea abies 'Argenteospicata'</b> Gold-tipped Norway Spruce <i>EVERGREEN ORNAMENTAL CONIFER; creamy tips on new growth turn typical dark green by summer; narrow upright habit; resists deer browse; locate in full sun to partial shade &amp; well-drained neutral to acidic moisture retentive soils; native to northern Europe; Zones 2 - 7</i>		5 - 6' 6 - 7' 7 - 8'	B&B B&B B&B	
<b>Picea abies 'Cupressina'</b> Columnar Norway Spruce <i>EVERGREEN ORNAMENTAL CONIFER; dark green evergreen needles; narrow upright pyramidal habit; good for narrow spaces; resists deer browse; locate in full sun to partial shade &amp; well-drained neutral to acidic moisture retentive soils; native to northern Europe; Zones 2 - 7</i>		4 - 5' 5 - 6' 6 - 7' 7 - 8'	B&B B&B B&B B&B	
<b>Picea abies 'Pendula'</b> Weeping Norway Spruce <i>EVERGREEN ORNAMENTAL CONIFER; staked higher than 5' &amp; allowed to spread; graded by spread; height &amp; shape varies with staking; dark evergreen needles; resists deer browse; locate in full sun to partial shade &amp; well-drained neutral to acidic moisture retentive soils; native to northern Europe; Zones 2 - 7</i>		<b>HIGH STAKED</b>	3.5 - 4' spr B&B 4 - 5' spr spmn B&B 4' spr B&B 5 - 6' spr spmn B&B 6 - 7' spr spmn B&B 7 - 8' spr spmn B&B 8 - 10' spr spmn B&B	
<b>Picea abies 'Pendula'</b> Weeping Norway Spruce <i>EVERGREEN ORNAMENTAL CONIFER; staked no higher than 5' &amp; allowed to spread; graded by spread; height &amp; shape varies with staking; dark evergreen needles; resists deer browse; locate in full sun to partial shade &amp; well-drained neutral to acidic moisture retentive soils; native to northern Europe; Zones 2 - 7</i>		<b>MEDIUM STAKED</b>	4 - 5' spr spmn B&B 5 - 6' spr spmn B&B 6 - 7' spr spmn B&B 7 - 8' spr spmn B&B 3 - 4' spr hvly B&B	

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# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Picea abies 'Pendula'</b> Weeping Norway Spruce <i>EVERGREEN ORNAMENTAL CONIFER; heavily weeping branches; height &amp; shape varies with staking; dark evergreen needles; leader is staked upright; height &amp; shape varies with staking; resists deer browse; locate in full sun to partial shade &amp; well-drained neutral to acidic moisture retentive soils; native to northern Europe; Zones 2 - 7</i>			10g	
<b>STAKED</b>				
<b>Picea glauca 'Pendula'</b> Weeping White Spruce <i>EVERGREEN ORNAMENTAL CONIFER; the very narrow profile is great for tight spaces; the leader goes straight up and the lateral branches hang almost straight down; gray-green evergreen needles; considered deer browse resistant in most areas; highly deer browse resistant; locate in full sun or light shade &amp; moist organic soils, although tolerant of many soil conditions; US native; Zones 2 - 6 (7)</i>		4 - 5' 5 - 6' 6 - 7'	B&B B&B B&B	
<b>Picea omorika 'Nana'</b> Dwarf Serbian Spruce <i>EVERGREEN ORNAMENTAL CONIFER; bicolor green &amp; blue needles; broadly compact pyramidal habit; usually grafted between 18" &amp; 3' on top of a clear trunk &amp; sheared into tight globes; locate in full sun or partial shade &amp; moisture retentive well drained soil that's either acidic or alkaline; protect from winter wind in northern range; adapts to poor air quality; native to southern Europe; Zones 4 - 7</i>			10g	
<b>STANDARD</b>				
<b>Picea omorika 'Pendula'</b> Weeping Serbian Spruce <i>EVERGREEN ORNAMENTAL CONIFER; erect leader with gracefully drooping lateral branches that arch upward toward the tips; typical blue &amp; green needles; very narrow profile makes an excellent choice for tight spaces; locate in full sun or partial shade &amp; moisture retentive well drained soil that's either acidic or alkaline; protect from winter wind in northern range; adapts to poor air quality; native to southern Europe; Zones 4 - 7</i>		42" 4'	B&B B&B	
<b>Picea orientalis 'Gowdy'</b> Compact Oriental Spruce <i>EVERGREEN ORNAMENTAL CONIFER; red male flowers appear at the ends of the branches in spring; new cones appear reddish-purple before turning brown; typical glossy dark green needles; compact pyramidal habit that resembles the species, but grows about half as fast; locate in full sun or very light shade &amp; moisture retentive well-drained soil that's either acidic or alkaline; protect from winter wind in northern range; native to Asia Minor; Zones (4) 5 - 7</i>		4'	B&B	
<b>Picea orientalis 'Nigra Compacta'</b> Compact Pyramidal Oriental Spruce <i>EVERGREEN ORNAMENTAL CONIFER; typical glossy dark green needles; very broad compact pyramidal habit; locate in full sun or very light shade &amp; moisture retentive well drained soil that's either acidic or alkaline; protect from winter wind in northern range; native to Asia Minor; Zones (4) 5 - 7</i>		30 - 36" 3 - 4' 4 - 5'	B&B B&B B&B	
<b>Picea pungens</b> Colorado Spruce <i>EVERGREEN CONIFER; variable green to gray-green needles; needle color is consistent throughout the plant; compact pyramidal habit to about 60' tall by 25' wide; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn. region of US; Zones 3 - 7 (8)</i>		4' 5 - 6'	B&B B&B	
<b>Picea pungens 'Bakeri' / 'Bacheri'</b> Select Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; pyramidal habit growing to 50' or more in time; gray-blue needles; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn. region of US; Zones 3 - 7 (8)</i>		3 - 4' 4 - 5' 5 - 6' 6 - 7' 7 - 8'	B&B B&B B&B B&B B&B	

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<b>Picea pungens 'Fastigiata' / 'Glauca Fastigiata' / 'Iseli Fastigiata'</b> Fastigate Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; narrow columnar habit when young; widens with age (like we do); gray-blue needles; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn region of US; Zones 3 - 7 (8)</i>		4 - 5' 5 - 6' 6 - 7' 7 - 8' 8 - 10'	B&B B&B B&B B&B B&B	
<b>Picea pungens 'Fat Albert'</b> Select Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; uniform broadly compact pyramidal habit; good blue color; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn. region of US (Iseli) Zones 3 - 7 (8)</i>		42 - 48" 4 - 5' 5 - 6'	B&B B&B B&B	
<b>Picea pungens glauca</b> Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; compact pyramidal habit to 60' or more; bright blue to gray-green needles; deer browse resistant; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn. region of US; Zones 3 - 7 (8)</i>		3 - 4' 4 - 5' 5 - 6'	B&B B&B B&B	
<b>Picea pungens 'Glauca Globosa'</b> <span style="float: right;"><b>18" STD</b></span> Dwarf Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; dwarf mounding globe; silvery-blue needles; usually grafted between 18" &amp; 3' on top of a clear trunk; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn region of US; Zones 3 - 7 (8)</i>		3 - 4' spr 5 - 6' spr spmn	10g B&B B&B	
<b>Picea pungens 'Glauca Globosa'</b> <span style="float: right;"><b>24" STD</b></span> Dwarf Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; dwarf mounding globe; silvery-blue needles; usually grafted between 18" &amp; 3' on top of a clear trunk; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn region of US; Zones 3 - 7 (8)</i>		2 - 3' spr	B&B	
<b>Picea pungens 'Glauca Globosa'</b> <span style="float: right;"><b>LOW</b></span> Dwarf Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; dwarf mounding globe; silvery-blue needles; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn region of US; Zones 3 - 7 (8)</i>		2 - 3' spr 4 - 5' spr	7g B&B B&B	
<b>Picea pungens 'Glauca Pendula'</b> Weeping Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; irregular upright or spreading habit depending on staking; each plants grows differently; bright blue needles; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn region of US; Zones 3 - 7 (8)</i>		42 - 48" 4 - 5' 5 - 6'	10g B&B B&B B&B	
<b>Picea pungens 'Hoopsii'</b> Silver Blue Colorado Spruce <i>EVERGREEN ORNAMENTAL CONIFER; silvery blue needles; narrow pyramidal habit; open &amp; irregular if not sheared when young; highly deer browse resistant; locate in full sun &amp; just about any well-drained soil; tolerant of drought &amp; coastal conditions; native to Rocky Mtn region of US; Zones 3 - 7 (8)</i>		3 - 4' 4 - 5' 5 - 6' 6 - 7' 7 - 8' 8 - 10'	B&B B&B B&B B&B B&B B&B	

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<b>Pinus flexilis 'Vanderwolf Pyramid'</b> Blue Pyramidal Limber Pine <i>EVERGREEN ORNAMENTAL CONIFER; pyramidal habit; steel-blue needles in groups of 5; moderate to rapid grower; locate in full sun &amp; well-drained organic moisture retentive soil; native to western North America; Zones 4 - 7</i>		4 - 5' 5 - 6' 6 - 7' 7 - 8' 8 - 10'	B&B B&B B&B B&B B&B	
<b>Pinus parviflora 'Glauca'</b> Blue Japanese White Pine <i>EVERGREEN ORNAMENTAL CONIFER; dark blue needles in groups of 5; narrow open habit when young; matures to a wide spreading upright evergreen; locate in full sun &amp; very well-drained soils of varying pH; salt tolerant; Japanese native; Zones 4 - 7</i>		4 - 5' 5 - 6'	B&B B&B	
<b>Pinus strobus 'Fastigiata'</b> Columnar Eastern White Pine <i>EVERGREEN ORNAMENTAL CONIFER; fairly narrow upright habit becomes broadly columnar when mature; soft green needles in groups of 5; locate in full sun &amp; well drained acidic soil; protect from wind in colder locations; PHS Gold Metal; native to eastern US &amp; Canada; Zones 3 - 7 (8)</i>		6 - 7'	B&B	
<b>Pinus strobus 'Nana'</b> Dwarf Eastern White Pine <i>EVERGREEN ORNAMENTAL CONIFER; globular to spreading habit; soft medium green needles in groups of 5; locate in full sun &amp; well drained acidic soil; protect from wind in colder locations; native to eastern US &amp; Canada; Zones 3 - 7 (8)</i>		42" spr 4 - 5' spr	B&B B&B	
<b>Pinus strobus 'Nana'</b> Dwarf Eastern White Pine <i>EVERGREEN ORNAMENTAL CONIFER; globular to spreading habit; soft medium green needles in groups of 5; usually grafted between 18" &amp; 3' on top of a clear trunk; locate in full sun &amp; well drained acidic soil; protect from wind in colder locations; native to eastern US &amp; Canada; Zones 3 - 7 (8)</i>	<b>STANDARD</b>		10g	
<b>Pinus strobus 'Pendula'</b> Weeping Eastern White Pine <i>EVERGREEN ORNAMENTAL CONIFER; feathery appearance but full, soft medium green needles in groups of 5; weeping habit varies with staking; locate in full sun &amp; well drained acidic soil; protect from wind in colder locations; native to eastern US &amp; Canada; Zones 3 - 7 (8)</i>	<b>STAKED</b>	4 - 5' spr 5 - 6' spr	B&B B&B	
<b>Populus tremuloides</b> Quaking Aspen; Quaking Poplar <i>DECIDUOUS SHADE TREE; narrow upright habit to 30' tall &amp; half as wide; can be larger in ideal conditions - not the mid-Atlantic; medium green summer foliage turns brilliant yellow in fall; flat petiole permits leaves to quiver in the slightest breeze; performs best in northern range or higher elevations; locate in full sun or minimal shade &amp; most well-drained moisture retentive soils; US native; Zones 2 - 6 (7)</i>			15g	
<b>Prunus 'Bing'</b> Black Cherry; Sweet Cherry <i>FRUIT TREE; sweet flavor; firm texture; burgundy-purple skin; broadly upright to about 25' tall &amp; wide; white flowers in late April or early May; harvest in late June to early July; good for eating or cooking; needs pollinator for maximum pollinators: 'Ranier', 'Black Tartarian' or 'Stella'; locate in full sun &amp; well-drained soil [P. avium] (Lewelling) Zones (4) 5 - 8 (9)</i>			10g	
<b>Prunus cerasifera Crimson Pointe ('Cripoizam')</b> Columnar Purpleleaf Plum <i>DECIDUOUS ORNAMENTAL TREE; pink buds open to white flowers in early spring before the foliage; dark purple-bronze spring foliage; grows to 20' tall by 6' wide in 10 years; sport from 'Newport'; locate in full sun &amp; any well-drained soil; Asian native (LCN) Zones 5 - 8</i>			15g 20g	

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<b>Prunus cerasifera Krauter Vesuvius' / 'Vesuvius'</b> Purple-leaf Plum <i>DECIDUOUS ORNAMENTAL TREE; light pink flowers in early spring before the foliage; dark purple foliage; upright oval to rounded heads to 30' by 20' wide; locate in full sun &amp; any well-drained soil; Asian native; Zones 5 - 8</i>			20g	<b>N</b>
<b>Prunus cerasifera 'Mount St. Helens'</b> Purpleleaf Plum <i>DECIDUOUS ORNAMENTAL TREE; light pink flowers in early spring before the foliage; dark purple spring foliage bronzes by mid-summer; wide-spreading heads; branch sport of 'Newport'; locate in full sun &amp; any well-drained soil; Asian native; Zones 3 - 8</i>		2" c 2.5" c 3" c	20g B&B B&B B&B	
<b>Prunus cerasifera 'Thundercloud'</b> Purpleleaf Plum <i>DECIDUOUS ORNAMENTAL TREE; fragrant pink flower in early April before the foliage; purple foliage all summer; grows to 30' or more high &amp; wide; locate in full sun &amp; any well-drained soil; Asian native; Zones (4) 5 - 8</i>		1.75" c 2" c 2.5" c	10g 15g 20g 25g B&B B&B B&B	
<b>Prunus x cistena</b> Purpleleaf Sand Cherry <i>DECIDUOUS FLOWERING SHRUB; fragrant light pink flowers in late April or early May after the foliage breaks; purple foliage; bushy upright habit to 8' tall by 6' wide; locate in full sun &amp; any well drained soil [P. pumila x P. cerasifera] Zone 3 - 6 (7)</i>			5g	<b>BUSH</b>
<b>Prunus x cistena</b> Purpleleaf Sand Cherry <i>DECIDUOUS FLOWERING SHRUB; fragrant light pink flowers in late April or early May after the foliage breaks; purple foliage; bushy upright habit to 8' tall by 6' wide; locate in full sun &amp; any well drained soil [P. pumila x P. cerasifera] Zone 3 - 6 (7)</i>		2" c 2.5" c	15g B&B B&B	<b>TREE FORM</b>
<b>Prunus incisa 'Little Twist ('Kojou No Mai)'</b> Dwarf Contorted Fuji Cherry <i>DECIDUOUS FLOWERING SHRUB; profuse white flowers with pink centers in spring; interesting zig-zag stems for winter interest; very compact habit to 5' x 5'; full sun to partial shade; green summer foliage turns maroon in fall; locate in full sun to partial shade &amp; any soil with adequate drainage; can be grown as a shrub or grafted on a standard to create a small ornamental tree - especially for small spaces (Carlton Plants) Zones (4) 5 - 8</i>			10g 15g	
<b>Prunus laurocerasus 'Schipkaensis'</b> Upright Schip Laurel; Upright Schip Cherrylaurel <i>BROADLEAF EVERGREEN SHRUB; mildly fragrant white flower spikes in May followed by red to black fruit in summer that are poisonous; broadly columnar habit; long dark evergreen foliage; deer browse resistant; locate in full sun or moderate shade &amp; moist well-drained soil that's pH adaptable; native to Europe &amp; Asia Minor; Zones (6) 7 - 8</i>		3 - 4' 4 - 5'	B&B B&B	<b>WEST COAST FORM</b>
<b>Prunus maritima</b> Beach Plum <i>DECIDUOUS FLOWERING SHRUB; white flowers in May; purple edible fruit; suckering upright shrub to 6'; locate in full sun &amp; sandy coastal soils; northeastern US native; Zones 3 - 6</i>			3g 5g	

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<b>Prunus 'Montmorency'</b> Sour Cherry <i>FRUIT TREE; dark red skin; broad heads to 15' high &amp; wide; white flowers in May; fruit matures in July; used for pies, not eating; no pollinator needed - self fruitful; locate in full sun &amp; well-drained soil [P. cerasus] Zones 4 - 8</i>			10g	
<b>Prunus 'Okame'</b> Pink Bell-flowered Cherry <i>DECIDUOUS ORNAMENTAL TREE; bright pink flowers in late March or early April; upright oval heads; dark green foliage; locate in full sun &amp; any well-drained soil; PHS Gold Metal; Zones 6 - 8</i>		2" 2.5" 3"	15g 20g B&B B&B B&B	
<b>Prunus persica 'Bailey Hardy'</b> Fruiting Yellow Peach <i>FRUIT TREE; showy pink flowers in early spring yield a heavy crop of medium sized reddish fruit in mid August; good for eating or cooking; semi-dwarf habit to about 20' tall by 15' wide; locate in full sun &amp; rich organic well-drained soil (Bailey) [P. persica] Zones 4 - 9</i>			10g	
<b>Prunus persica 'Frost'</b> Fruiting Yellow Peach <i>FRUIT TREE; showy pink flowers in early spring yield a heavy crop of yellowish fruit with reddish tones in early August; good for eating or canning; upright spreading habit to as much as 25' tall; locate in full sun &amp; rich organic well-drained soil; additional fertilizer &amp; regular pruning to promote new growth are suggested [P. persica] Zones 5 - 9</i>			10g	
<b>Prunus persica 'Redhaven'</b> Fruiting Yellow Peach <i>FRUIT TREE; showy pink flowers in early spring yield a heavy crop of reddish fruit with yellow undertones in late July; considered by many the best; good for eating, freezing or canning; semi-dwarf habit to about 15' tall; locate in full sun &amp; rich organic well-drained soil [P. persica] Zones 5 - 9</i>			10g	
<b>Prunus sargentii 'Columnaris'</b> Columnar Sargent Cherry <i>DECIDUOUS ORNAMENTAL TREE; narrow upright habit to 35' tall by 15' wide; pink flowers in late April before the foliage; shiny dark green summer foliage turns reddish-bronze in the fall; glossy reddish-brown bark; locate in full sun &amp; any well-drained soil; Japanese native; Zones 4 - 7</i>		1.5" 1.75" 2" 2.5"	15g 20g B&B B&B B&B B&B	
<b>Prunus serrulata 'Amanogawa'</b> Columnar Japanese Cherry <i>DECIDUOUS ORNAMENTAL TREE; clusters of fragrant demi-double pale pink flowers in late April or early May; new foliage opens with a bronze tinge before turning medium green through summer then shades of orange &amp; red in fall; narrow upright habit to about 25' tall by 12' wide; locate in full sun to partial shade &amp; most well-drained soils; Asian native; Zones 5 - 8</i>		2" 2.5"	15g 20g B&B B&B	
<b>Prunus serrulata 'Kwanzan'</b> Japanese Flowering Cherry; Oriental Cherry <i>DECIDUOUS ORNAMENTAL TREE; profuse double pink flowers in late April; vase shaped heads; orange fall foliage; salt tolerance for coastal areas; locate in full sun &amp; any well-drained soil; Asian native; Zones 4 - 7</i>		1.75" 2" 2.5"	10g 15g 20g 25g B&B B&B B&B	
<b>Prunus serrulata 'Kwanzan'</b> Japanese Flowering Cherry; Oriental Cherry <i>DECIDUOUS ORNAMENTAL TREE; profuse double pink flowers in late April; vase shaped heads; orange fall foliage; salt tolerance for coastal areas; locate in full sun &amp; any well-drained soil; Asian native; Zones 4 - 7</i>	<b>6' GRAFT</b>	2" 2.5"	20g B&B B&B	

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<b>Prunus serrulata 'Royal Burgundy'</b> Purpleleaf Japanese Flowering Cherry; Oriental Cherry <i>DECIDUOUS ORNAMENTAL TREE; double pink flowers in late April; this is basically a red-leafed form of P. Kwanzan &amp; a sport thereof; foliage color is not as dark as Purple Plums; locate in full sun &amp; any well-drained soil; Asian native; Zones (5) 6 - 8</i>		1.75"c 2"c 2.5"c	10g 15g B&B B&B B&B	
<b>Prunus x Snow Fountains ('Snofozam')</b> White Weeping Cherry <i>DECIDUOUS ORNAMENTAL TREE; strictly weeping; profuse white flower in April before the foliage; dark green foliage turns orange in fall; usually grafted at about 6.5', but maybe lower, on top of a straight trunk; locate in full sun &amp; any well-drained soil; Zones 6 - 9</i>		heavy 1.75"c 2"c 2.5"c 3"c	10g 15g 20g 25g B&B B&B B&B B&B	
<b>Prunus x Snow Fountains ('Snofozam')</b> <b>3' GRAFT</b> White Weeping Cherry <i>DECIDUOUS ORNAMENTAL TREE; strictly weeping; profuse white flower in April before the foliage; dark green foliage turns orange in fall; usually grafted at about 6.5', but maybe lower, on top of a straight trunk; locate in full sun &amp; any well-drained soil; Zones 6 - 9</i>		heavy	15g	
<b>Prunus x Snow Fountains ('Snofozam')</b> <b>SERPENTINE</b> Weeping White Cherry <i>DECIDUOUS ORNAMENTAL TREE; strictly weeping; profuse white flower in April before the foliage; dark green foliage turns orange in fall; usually grafted at about 6.5', but maybe lower, on top of a straight trunk; locate in full sun &amp; any well-drained soil; Zones 6 - 9</i>			15g	
<b>Prunus x 'Snow Goose'</b> White Flowering Cherry <i>DECIDUOUS ORNAMENTAL TREE; profuse white flowers in mid spring; upright when young; head becomes rounded when mature at about 20' x 20'; dark green leaves turn shades of orange &amp; red in fall; reddish-brown slightly exfoliating bark; locate in full sun &amp; any well-drained soil; quite drought tolerant; Zones 6 - 9</i>		1.75"c 2"c 2.5"c	20g B&B B&B B&B	
<b>Prunus subhirtella 'Autumnalis' / var. autumnalis</b> Pink Fall-flowering Cherry <i>DECIDUOUS ORNAMENTAL TREE; semi-double light pink flowers in early April fade to white; sporadic fall flowers during warmer weather; spreading upright habit to 30' and almost as wide; locate in full sun &amp; any well-drained soil; Asian native; Zones (5) 6 - 8</i>		2.5"c	20g B&B	
<b>Prunus subhirtella 'Pendula'</b> Weeping Higan Cherry <i>DECIDUOUS ORNAMENTAL TREE; double pink flowers in April before the foliage; broadly arching heads; can get 30' or more tall &amp; wide; locate in full sun &amp; any well-drained soil; Asian native; Zones (5) 6 - 8</i>		heavy 1.5"c 2"c 2.5"c	10g 15g 20g 25g B&B B&B B&B	
<b>Prunus subhirtella 'Pendula'</b> <b>3' GRAFT</b> Weeping Higan Cherry <i>DECIDUOUS ORNAMENTAL TREE; double pink flowers in April before the foliage; broadly arching heads; can get 30' or more tall &amp; wide; locate in full sun &amp; any well-drained soil; Asian native; Zones (5) 6 - 8</i>		heavy	15g	

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Prunus virginiana 'Schubert'</b> Red Chokecherry <i>DECIDUOUS ORNAMENTAL TREE; white racemes in early May; fruit is not ornamental, but can be used in used in cooking; foliage opens bright green and matures to a dark crimson; upright oval habit to 30' tall by 20' wide; attracts birds &amp; butterflies; locate in full sun &amp; any well-drained soil; native to US &amp; Canada; Zones 2 - 6</i>		2" 2.5" 3"	15g 20g B&B B&B B&B	
<b>Prunus x yedoensis</b> Yoshino Cherry <i>DECIDUOUS ORNAMENTAL TREE; lightly fragrant white flower in early to mid spring; upright spreading habit to about 30' high &amp; wide; locate in full or mostly sunny areas &amp; any moisture retentive well-drained soil; Japanese native; Zones 5 - 8</i>		2" 2.5" 3"	15g 20g 25g B&B B&B B&B	
<b>Pyrus calleryana Chanticleer ('Glenn's Form') / 'Cleveland Select'</b> Flowering Pear; Callery Pear <i>DECIDUOUS ORNAMENTAL TREE; profuse white flowers in mid April; yellow to red fall foliage is retained late into the season; narrowly pyramidal to columnar heads reaching 40' tall by 20' wide; weak wooded - especially from wet snow or ice storms; locate in full sun or light shade &amp; just about any soil with reasonable drainage; tolerant of drought &amp; urban conditions; Chinese native (Scanlon) Zones 5 - 8</i>		1.75" 2" 2.5"	10g 15g 20g 25g B&B B&B B&B	
<b>Pyrus calleryana 'Trinity'</b> Flowering Pear; Callery Pear <i>DECIDUOUS ORNAMENTAL TREE; white flowers in early April; yellow to red fall foliage; compact rounded heads to 20' tall by 20' wide; weak wooded - especially from wet snow or ice storms; locate in full sun or light shade &amp; just about any soil with reasonable drainage; tolerant of drought &amp; urban conditions; Chinese native; Zones (4) 5 - 8</i>		2"	B&B	
<b>Pyrus communis - 4 Way</b> Fruiting Pear	<b>2 TIER ESPALIER</b>		10g	
<b>Pyrus communis - 6 Way</b> Fruiting Pear	<b>3 TIER ESPALIER</b>		10g	<b>N</b>
<b>Pyrus communis 'Bartlett'</b> Fruiting Pear <i>DECIDUOUS FRUIT TREE; profuse white flowers in early spring; greenish-yellow fruit in early fall; upright oval habit to about 10' tall by 8' wide; locate in full sun &amp; neutral to acidic well-drained moisture retentive soil; Zones 5 - 8</i>			10g	
<b>Pyrus communis 'Bosc'</b> Fruiting Pear <i>DECIDUOUS FRUIT TREE; profuse white flowers in early spring; sweet flavored russett brown fruit in early fall; needs a pollinator; upright habit to 45' tall by 30' wide; glossy dark green turn purple in fall; locate in full sun &amp; neutral to acidic well-drained moisture retentive soil; Zones 5 - 8</i>			10g	
<b>Pyrus communis 'D'Anjou'</b> Fruiting Pear <i>DECIDUOUS FRUIT TREE; profuse white flowers in mid-April; sweet juicy white flesh &amp; greenish-yellow skin ripens in Sept; best pollinator if Luscouis; semi-dwarf habit to 15' tall &amp; wide; glossy dark green foliage turns purple in fall; locate in full sun &amp; neutral to acidic well-drained moisture retentive soil; Zones 5 - 8</i>			10g	

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# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Pyrus fauriei Korean Sun ('Westwood')</b> Flowering Pear; Korean Pear <i>DECIDUOUS ORNAMENTAL TREE; white flowers in early April; red to orange fall foliage; compact rounded heads to 15' tall by 20' wide; weak wooded - especially from wet snow or ice storms but better branch angles than P. calleryana cultivars; locate in full sun &amp; just about any soil with good drainage; tolerant of drought &amp; urban conditions; Korean native; Zones 4 - 8</i>			15g	
<b>Pyrus Javelin ('NCPX1')</b> Columnar Flowering Pear <i>DECIDUOUS ORNAMENTAL TREE; pink buds open to white flowers in mid April; spring foliage opens purple &amp; matures to bronze-green in summer; narrowly columnar heads reaching 35' tall by 10' wide; very resistant to fire blight; locate in full sun or light shade &amp; just about any soil with reasonable drainage; tolerant of drought &amp; urban conditions; Chinese native (NC State) Zones 5 - 8</i>			20g	
<b>Pyrus 'Summercrisp'</b> Fruiting Pear <i>DECIDUOUS FRUIT TREE; white flowers in mid-April; pick when firm &amp; skin is a red blush over green; ripens in mid-Aug; don't let ripen all the way; annual flower self-pollinator; conical habit to 25' tall by 20' wide; glossy dark green summer foliage turns purple in fall; highly resistant to fire blight; locate in full sun &amp; neutral to acidic well-drained moisture retentive soil (U of MN) Zones 3 - 8</i>			10g	
<b>Quercus alba</b> White Oak <i>DECIDUOUS SHADE TREE; large spreading long-lived shade tree; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it may survive; locate in full sun &amp; acidic well-drained soil; PHS Gold Metal; US native; Zones (3) 4 - 9</i>		1.75" 2" 2.5"	15g 20g B&B B&B B&B	
<b>Quercus bicolor</b> Swamp White Oak <i>DECIDUOUS SHADE TREE; grows to about 50' or more tall with similar width; upright oval to irregular crown; deeply furrowed &amp; flaking bark; fall foliage is usually a good yellow, but can also be reddish-purple; 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; native to floodplains, but cannot take constantly wet soils; quite drought tolerant; planted at the Trade Center site in NYC; native to US &amp; Canada; Zones 4 - 8</i>			15g	
<b>Quercus coccinea</b> Scarlet Oak <i>DECIDUOUS SHADE TREE; large pyramidal tree to 75' tall by 50' wide; deeply cut foliage that usually turns dark red in late fall &amp; is retained into or through winter; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it may survive; locate in full sun &amp; acidic well-drained soil; native to US &amp; Canada; Zones 4 - 9</i>			15g 20g	
<b>Quercus macrocarpa</b> Burr Oak; Mossycup Oak <i>DECIDUOUS SHADE TREE; irregular open broadly spreading heads reaching 80' tall &amp; often wider; bright green summer foliage turns shades of yellow-brown in fall; 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; virtually any soil type; tolerant of many urban conditions; native to US &amp; Canada; Zones 3 - 8</i>			20g	
<b>Quercus palustris</b> Pin Oak <i>DECIDUOUS SHADE TREE; grows to 60' or more; broad pyramidal habit; brown to russet fall foliage; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it may survive; locate in full sun &amp; moist acidic soil; not tolerant of alkaline soils; US native; Zones 4 - 8</i>			20g	<b>N</b>

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Quercus palustris Green Pillar ('Pringreen')</b> Columnar Pin Oak <i>DECIDUOUS ORNAMENTAL TREE; narrow pyramidal habit to about 50' tall by 15' wide; glossy summer foliage turns maroon in the fall; lower branches won't droop like the species; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it may survive; locate in full sun &amp; moist acidic soil; not tolerant of alkaline soils; US native (Flemer) Zones 4 - 8</i>		2" c 2.5" c	B&B B&B	
<b>Quercus x Regal Prince ('Long')</b> Fastigiate Hybrid English Oak <i>DECIDUOUS ORNAMENTAL TREE; glossy, dark green mildew resistant foliage; strong narrow upright head; good for tight spaces or for when a dramatic upright form is needed; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it may survive; locate in full sun &amp; most acidic to slightly alkaline soils [Q. robur 'Fastigiata' x Q. bicolor] Zones 4 - 8</i>		2" c 2.5" c	15g 20g B&B B&B	
<b>Quercus robur 'Fastigiata'</b> Columnar English Oak <i>DECIDUOUS ORNAMENTAL TREE; narrow upright habit to 60' by 15' wide; slow to moderate grower; green to bluish-green summer foliage turns brown in fall and can persist on the tree into winter; foliage subject to mildew in mid to late summer; 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; moist soil of varying acidity; European native; Zones 5 - 8</i>			15g	
<b>Quercus rubra</b> Northern Red Oak <i>DECIDUOUS SHADE TREE; large grower to 60' or more in height &amp; width; fall foliage is russet to bright red; fall transplant hazard; important wildlife food source; fall transplant hazard, however, if dug before leaf drop &amp; thoroughly hydrated it may survive; locate in full sun &amp; well-drained neutral to acidic soil; native to US &amp; Canada; Zones (3) 4 - 7</i>			15g 20g	
<b>Rosa Blushing Knockout ('Radyod')</b> Pink Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; 3" shell pink blooms from summer to frost; dark green foliage resists leaf spot; compact upright habit to 3'; burgundy fall foliage; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil (Radler) Zones 4 - 9</i>			3g	
<b>Rosa Double Knockout ('Radtko')</b> Red Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; very floriferous dark double red self-cleaning flowers from summer to frost; bushy habit to 4' by 4'; dark green foliage is resistant to black spot; drought tolerant; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil (Radler) Zones 5 - 9</i>			3g	
<b>Rosa Double Pink Knockout ('Radtkepink')</b> Pink Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; floriferous double hot pink self-cleaning flowers from summer through frost; bushy habit to 4' by 4'; black spot resistant dark glossy green foliage; drought tolerant; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil (Radler) Zones 4 - 9</i>			3g	
<b>Rosa Knockout ('Kadrazz')</b> Red Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; single florescent cherry-red blooms from late spring to frost; dark green foliage; disease resistant &amp; carefree; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil (Radler) Zones 4 - 9</i>			3g	

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Rosa 'New Dawn'</b> <p style="text-align: right;"><b>TRELLIS</b></p> Pink Climbing Rose <i>DECIDUOUS FLOWERING SHRUB; fragrant, shell-pink, loosely double flowers with yellow stamens from spring through summer; vigorous disease resistant climber to 15'; locate in full sun or minimal shade &amp; organic well-drained moisture retentive slightly acidic or neutral soil; Zones 5 - 9</i>			5g	
<b>Rosa Pink Knockout ('RADcon')</b> Pink Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; strong 2" self-cleaning clear pink blooms from spring to frost; dark green foliage resists black spot &amp; mildew; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil (Radler) Zones 4 - 9</i>			3g	
<b>Rosa rugosa</b> Rugosa Rose <i>DECIDUOUS FLOWERING SHRUB; fragrant rose-pink summer flower; red fruit in fall; locate in full sun &amp; organic well-drained slightly acidic soil; very tolerant of coastal areas &amp; somewhat alkaline soil; Asian native; Zones 2 - 7 (8)</i>			3g	
<b>Rosa rugosa 'Alba'</b> White Rugosa Rose <i>DECIDUOUS FLOWERING SHRUB; fragrant white summer flower; red fruit in fall; locate in full sun &amp; organic well-drained slightly acidic soil; very tolerant of coastal areas &amp; somewhat alkaline soil; Asian native; Zones 2 - 7 (8)</i>			3g	
<b>Rosa rugosa 'Hansa'</b> Pink Rugosa Rosa <i>DECIDUOUS FLOWERING SHRUB; fragrant double violet-pink summer flower; red fruit in fall; locate in full sun &amp; organic well-drained slightly acidic soil; very tolerant of coastal areas &amp; somewhat alkaline soil; Asian native (Schau &amp; Van Tol) Zones 2 - 7 (8)</i>			3g	
<b>Rosa 'Seafoam'</b> Pink Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; fragrant double creamy-white flowers from June through summer; low spreading habit to 3' high by 7' wide; reasonable disease resistance; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil; Zones 4 - 9</i>			3g	
<b>Rosa Sunny Knockout ('RADsunny')</b> Yellow Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; fragrant, single, 3" flowers open butter yellow before fading to off-white from late spring to frost; grows to about 4' tall &amp; wide; highly resistant to black spot as well as mildew, rust &amp; Japanese Beetles; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil (Radler) Zones 5 - 9</i>			3g	
<b>Rosa 'The Fairy'</b> Pink Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; clusters of semi-double to double soft pink flowers in summer; compact mound to 2' by 2'; dark green foliage with reasonable disease resistance; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil; Zones 4 - 9</i>			3g	
<b>Rosa White Out ('RADwhite')</b> White Shrub Rose <i>DECIDUOUS FLOWERING SHRUB; single white flowers to 3.5" diameter with yellow centers from late spring to frost; dark green foliage; highly resistant to black spot, mildew, rust &amp; Japanese Beetles; locate in full sun or minimal shade &amp; organic well-drained slightly acidic or neutral soil (Radler) Zones 5 - 9</i>			3g	

# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Rosa Winners Circle â„¢ ('Radwin')</b> <p style="text-align: right;"><b>TRELLIS</b></p> Red Climbing Rose <i>DECIDUOUS FLOWERING SHRUB; profuse non-fading 4" semi-double dark red flowers from late spring into fall; vigorous disease resistant climber to 12'; semi-glossy dark green summer foliage turns red in fall; orange hips also appear in fall; locate in full sun or minimal shade &amp; organic well-drained moisture retentive slightly acidic or neutral soil (Radler) Zones 5 - 9</i>			5g	
<b>Salix alba 'Tristis'</b> Golden Weeping Willow; Niobe Weeping Willow <i>DECIDUOUS SHADE TREE; large rapid grower to 60' or more; broad graceful weeping heads; new branches are golden; locate in full sun &amp; moist organic acidic to neutral soils; native to Europe &amp; Asia; Zones 2 - 8 (9)</i>		2" c 2.5" c 3" c 3.5" c 4" c	20g B&B B&B B&B B&B	
<b>Salix caprea 'Pendula' ('Kilmarnock')</b> Weeping Pussy Willow; Weeping Goat Willow <i>DECIDUOUS ORNAMENTAL TREE; showy white catkins in late winter &amp; early spring; fairly tight weeping heads; locate in full sun &amp; moist organic acidic to neutral soils; native to Europe &amp; Asia; Zones 4 - 8</i>			10g 15g	
<b>Salix integra 'Hakuro-nishiki' / 'Albomaculata'</b> <p style="text-align: right;"><b>BUSH</b></p> Variegated Japanese Willow <i>DECIDUOUS ORNAMENTAL SHRUB; broad bushy shrub to 12' tall &amp; wide; new foliage is a colorful mix of green, white &amp; pink which follows yellow catkins; locate in full sun &amp; moist organic acidic to neutral soils; Zones 4 - 7</i>			5g	
<b>Salix integra 'Hakuro-nishiki' / 'Albomaculata'</b> <p style="text-align: right;"><b>TREE FORM</b></p> Variegated Japanese Willow <i>DECIDUOUS ORNAMENTAL SHRUB; broad bushy shrub to 12' tall &amp; wide; new foliage is a colorful mix of green, white &amp; pink which follows yellow catkins; branching starts about 3-4' above a single stem; locate in full sun &amp; moist organic acidic to neutral soils; Zones 4 - 7</i>			15g	
<b>Salix x 'Scarlet Curls'</b> Red Twisted Willow <i>DECIDUOUS ORNAMENTAL TREE; bright red new stems in winter; older stems are reddish-brown; upright twisting branches to 25' or more and about half as wide; the foliage is also somewhat twisted; locate in full sun &amp; moist organic acidic to neutral soils; Zones (5) 6 - 8</i>		6 - 7' hvy 7 - 8' hvy 8 - 10' hvy	B&B B&B B&B	
<b>Sassafras albidum</b> Sassafras <i>DECIDUOUS SHADE TREE; eastern US native seldom seen in retail environments; common in hedgerows in the greater mid-Atlantic area; main ornamental feature is fall leaf color - shades of yellow orange &amp;/or red; locate in full sun or light shade &amp; moist acidic well-drained soil; very adaptable; Zones 4 - 9</i>			15g	<b>N</b>
<b>Schizophragma hydrangeoides 'Moonlight'</b> Japanese Hydrangea-vine <i>DECIDUOUS CLINGING VINE; white flower in late June &amp; early July; small blue-green foliage with a silvery sheen; attaches to structures by hold-fasts; this cultivar grows about half the rate of the species; fall foliage is yellowish; locate in sun or shade &amp; any well-drained moisture retentive soil; native to eastern Asia; Zones 5 - 7 (8)</i>			5g	

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BOTANICAL NAME	AVAIL.	SIZE	ROOTS	QNTY
<b>Schizophragma hydrangeoides 'Roseum'</b> Pink Japanese Hydrangea-vine <i>DECIDUOUS CLINGING VINE; soft pink flower fades to white; effective for about 4 weeks in late June &amp; early July; attaches to structures by hold-fasts; can grow up to 40'; locate in sun or shade &amp; any well-drained moisture retentive soil; native to eastern Asia; Zones 5 - 7 (8)</i>			5g	
<b>Sophora japonica 'Regent'</b> Scholartree <i>DECIDUOUS SHADE TREE; creamy flowers from late July into August; grows to 50' tall by 40' wide with a rounded head; good tolerance to urban conditions; subject to canker when stressed; locate in full sun &amp; well-drained soil; native to eastern Asia (Flemer) Zones 4 - 8</i>		2" c 2.5" c	20g 25g B&B B&B	<b>N</b>
<b>Spiraea 'Anthony Waterer'</b> Red Bumald Spirea <i>DECIDUOUS FLOWERING SHRUB; 4" dia reddish-pink flowers in May &amp; June; new bronze foliage turns green in summer then shades of red in fall; grows to 4' tall &amp; slightly wider; deer browse resistant; locate in sun or light shade &amp; just about any soil with reasonable drainage [S. x bumalda] Zones 3 - 8</i>			3g	
<b>Spiraea 'Gold Mound'</b> Golden Japanese Spirea <i>DECIDUOUS FLOWERING SHRUB; pink flowers in May &amp; June; bright gold spring foliage fades to yellow-green in mid-summer's heat; fall foliage becomes orangish; low compact mound to 3' tall by 4' wide; deer browse resistant; locate in sun or light shade &amp; just about any soil with reasonable drainage [S. japonica] Zones 4 - 8</i>			3g	
<b>Spiraea 'Goldflame'</b> Golden Bumald Spirea <i>DECIDUOUS FLOWERING SHRUB; pink summer flowers; orange-bronze new foliage turns to yellow, then yellow-green &amp; finally green by summer; grows to 3' tall &amp; 4' wide; deer browse resistant; locate in sun or light shade &amp; just about any soil with reasonable drainage [S. x bumalda] Zones 3 - 8</i>			3g	
<b>Spiraea 'Little Princess'</b> Pink Japanese Spirea <i>DECIDUOUS FLOWERING SHRUB; pink flowers in early summer; green foliage; compact spreading mound to 3' tall &amp; wider; deer browse resistant; locate in sun or light shade &amp; just about any soil with reasonable drainage [S. japonica] Zones 4 - 8</i>			3g	
<b>Spiraea 'Magic Carpet'</b> Pink Japanese Spirea <i>DECIDUOUS FLOWERING SHRUB; pinkish-purple flowers in June &amp; July; yellow-green red-tipped foliage; dwarf spreading mound to 2'; deer browse resistant; locate in sun or light shade &amp; just about any soil with reasonable drainage [S. japonica] Zones 4 - 8</i>			3g	
<b>Spiraea prunifolium</b> Bridalwreath Spirea <i>DECIDUOUS FLOWERING SHRUB; long arching branches with profuse double white flowers in April on old wood before the foliage; bluish-green foliage turns shades of yellow, orange &amp; red in the fall; arching habit to 8' high &amp; wide; deer browse resistant; attracts butterflies; locate in full sun or minimal shade &amp; just about any soil with reasonable drainage; Zones 5 - 8</i>			5g	
<b>Spiraea 'Snowmound'</b> White Nippon Spirea <i>DECIDUOUS FLOWERING SHRUB; white flowers in early June on old wood cover the small blue-green foliage; upright mound to 5'; deer browse resistant; locate in sun or light shade &amp; just about any soil with reasonable drainage [S. nipponica] Zones (3) 4 - 7 (8)</i>		30 - 36" 3 - 4'	3g 5g B&B B&B	

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<b>Spiraea Sundrop First Editions ('Bailcarol')</b> Dwarf Golden Spirea <i>DECIDUOUS FLOWERING SHRUB; non-fading golden spring and summer foliage; pink flower clusters in early summer; low mounding habit to 15" tall by 3' wide; deer browse resistant; locate in sun or light shade &amp; just about any soil with reasonable drainage; Zones 4 - 8</i>			3g	
<b>Stewartia pseudocamellia</b> Japanese Stewartia <i>ORNAMENTAL TREE; 3" diameter white flowers with prominent yellow centers in late June or July; pyramidal habit to about 30' tall by 20' wide; exfoliating reddish-brown bark; dark green summer foliage turns reddish-orange to burgundy in fall; locate in mostly sunny or filtered shade &amp; rich organic well-drained moisture retentive acidic soil; Asian native; Zones 5 - 8</i>			10g 15g	<b>N</b>
<b>Styphnolobium japonicum 'Regent'</b> <i>see: Sophora japonica 'Regent'</i>				
<b>Styrax japonicus</b> Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE; white bell-like flowers in early June; creamy white berry clusters in August &amp; September; upright or spreading heads to 25' tall &amp; nearly as wide; branching starts above a single stem 3' to 5' above the ground; locate in full sun or partial shade (best) &amp; deep organic well-drained moisture retentive acidic soil; eastern Asian native; Zones 5 - 7 (8)</i>		1.75"c 2"c 2.5"c 3"c	15g 20g B&B B&B B&B B&B	
<b>Styrax japonicus 'Evening Light'</b> Purple Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE; large white pendulous flower clusters in early June; bushy upright habit to about 10' tall by 8' wide in 10 years; large, leathery foliage opens a chocolate-burgundy on reddish stems before turning green by mid-summer; purplish foliage intensity &amp; flower quantity will be better if located in full sun although the plant performs best partial shade &amp; deep organic well-drained moisture retentive acidic soil; eastern Asian native (Kolster) Zones 5 - 7 (8)</i>			15g	
<b>Styrax japonicus Marleys Pink Parasol ('JLWeeping')</b> Weeping Pink Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE; lightly fragrant pink flowers in May &amp; June; compact weeping to about 10' tall by 5' wide, but varies with staking; improved darker green summer foliage turns lemon-yellow in fall &amp; is persistent; locate in full sun or partial shade (best) &amp; deep organic well-drained moisture retentive acidic soil; eastern Asian native (Lewis / UpShoot) Zones 5 - 7 (8)</i>			10g	
<b>Styrax japonicus 'Pink Chimes'</b> Pink Japanese Snowbell <i>DECIDUOUS ORNAMENTAL TREE; soft pink bell-like flowers in early June; creamy white berry clusters in August &amp; September; upright to spreading heads to 25'; locate in full sun or partial shade (best) &amp; deep organic well-drained moisture retentive acidic soil; eastern Asian native; Zones 5 - 7 (8)</i>		1.5 - 2"c	B&B	
<b>Syringa x hyacinthiflora 'Mount Baker'</b> Early White Flowering Lilac <i>DECIDUOUS FLOWERING SHRUB; single white fragrant flowers before S. vulgaris; grows to 8' tall x 10' wide; locate in full to mostly sunny areas with good air circulation &amp; well-drained slightly acidic to alkaline organic soil; withstands coastal conditions; Zones (2) 3 - 7</i>			5g	
<b>Syringa x hyacinthiflora 'Pocahontas'</b> Lavender Early Flowering Lilac <i>DECIDUOUS FLOWERING SHRUB; fragrant single deep violet flowers before S. vulgaris; grows to 10' tall &amp; wide; green mildew-resistant foliage turns reddish-bronze in the fall; locate in full to mostly sunny areas with good air circulation &amp; well-drained slightly acidic to alkaline organic soil; withstands coastal conditions; Zones (3) 4 - 7</i>			5g	

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# Shade Trees Nursery Plant List: Fall 2017 / Spring 2018

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; 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>BUSH</b>	18 - 24" 24 - 30" 30 - 36" 36 - 42"	5g B&B B&B B&B	
<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 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>	36" spr 42" spr	7g 10g 15g B&B B&B	
<b>Syringa x prestoniae 'James MacFarlane'</b> Pink Preston Lilac <i>DECIDUOUS FLOWERING SHRUB; large lightly fragrant bright pink flowers in June, shortly after the Preston hybrids; well branched habit to 8' or more tall &amp; wider; locate in full to mostly sunny areas with good air circulation &amp; well-drained slightly acidic to alkaline organic soil; withstands coastal conditions (U of New Hampshire) Zones (2) 3 - 7</i>			5g	
<b>Syringa pubescens subsp. patula 'Miss Kim'</b> Manchurian Lilac <i>DECIDUOUS FLOWERING SHRUB; very fragrant light lavender blooms; compact upright habit to 6' tall by 5' wide; locate in full sun or light shade &amp; well-drained organic soil of any pH; native to northeastern Asia; Zones 4 - 7</i>		24 - 30" 30 - 36"	5g 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>			15g 20g	<b>N</b>
<b>Syringa vulgaris</b> Common Lilac <i>DECIDUOUS FLOWERING SHRUB; fragrant lavender flower in early May; upright vase-shaped habit to 15'; habit; locate in full to mostly sunny areas with good air circulation &amp; well-drained slightly acidic to alkaline organic soil; withstands coastal conditions; native to southern Europe Zones 2 - 7</i>		24 - 30" 30 - 36" 3 - 4'	5g 7g B&B B&B B&B	
<b>Syringa vulgaris alba</b> White Common Lilac <i>DECIDUOUS FLOWERING SHRUB; clusters of very fragrant single white flowers; upright habit to about 15' tall by 10' wide; locate in full to mostly sunny areas with good air circulation &amp; well-drained neutral to alkaline organic soil; withstands coastal conditions; native to southern Europe; Zones (2) 3 - 7</i>			5g	
<b>Syringa vulgaris 'Charles Joly'</b> Red French Hybrid Lilac <i>DECIDUOUS FLOWERING SHRUB; double magenta flower; upright vase-shaped habit to 12'; good in coastal landscapes; locate in full to mostly sunny areas with good air circulation &amp; well-drained slightly acidic to alkaline organic soil; withstands coastal conditions; native to southern Europe; Zones 3 - 7</i>		30" 3'	5g B&B B&B	
<b>Taxodium distichum var. distichum</b> Common Baldcypress <i>DECIDUOUS CONIFER; pyramidal deciduous conifer to about 50' tall; locate in full sun or minimal shade &amp; moist to well-drained acidic soils; tolerant of urban situations with little water &amp; compacted soils as well as wet tidal areas; US native; Zones 4 - 11</i>		8 - 10'	B&B	

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<b>Thuja x 'Green Giant'</b> Hybrid Western Arborvitae; Hybrid Giant Arborvitae <i>EVERGREEN ORNAMENTAL CONIFER; vigorous narrowly pyramidal habit to 60' tall by 15' wide; bright evergreen foliage; minimal pest or disease problems; somewhat deer browse resistant; locate in full sun or light shade &amp; moist to well-drained soil of varying acidity; tolerant of coastal exposure but not persistent drought; PHS Gold Metal; US / Asian cross [T. plicata x T. standishii] Zones 5 - 8</i>		4 - 5' 5 - 6' 6 - 7'	B&B B&B B&B	
<b>Thuja occidentalis 'Yellow Ribbon'</b> Golden Eastern Arborvitae; Golden White Cedar <i>EVERGREEN ORNAMENTAL CONIFER; pyramidal habit to 15' or more; bright golden color throughout the year; tolerant of air pollution &amp; Black Walnut; locate in full sun (for best color) or light shade; adaptable to varying soil acidity &amp; moisture - except extremes of either; native to eastern US &amp; Canada; Zones 3 - 7</i>		3 - 4' 4 - 5'	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>		1.75"c 2"c 2.5"c	20g 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; locate in full sun &amp; most soils; very tolerant of urban conditions; native to Europe; Zones (3) 4 - 7</i>		1.75"c 2"c 2.5"c	20g B&B B&B B&B	<b>N</b>
<b>Tilia tomentosa 'Sterling'</b> Silver Linden <i>DECIDUOUS SHADE TREE; fragrant flowers in late June are not showy; vigorous grower with pyramidal head to 50' tall &amp; half or more as wide; green summer foliage has a generous amount of tomentose below, making it especially ornamental in the wind &amp; resistant to Japanese Beetles; variable golden fall foliage; locate in full sun with moist well drained soils; heat &amp; drought tolerant; native to Europe &amp; western Asia (Wandell) Zones 4 - 8</i>		2"c 2.5"c	20g B&B B&B	<b>N</b>
<b>Ulmus americana 'Princeton'</b> American Elm <i>DECIDUOUS SHADE TREE; upright habit with arching branches to 60' tall &amp; wide; yellow fall foliage; excellent lawn or shade tree; highly resistant to Dutch Elm disease, but not most other problems; 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 (Princeton N) Zones 3 - 9</i>			20g	
<b>Vaccinium corymbosum 'Blue Crop'</b> Highbush Blueberry <i>DECIDUOUS FRUITING SHRUB; midseason crop; 4-6' tall; bright red to purplish fall foliage; locate in full or partial sun &amp; moist to well-drained organic soil in the 5.0 acidic range with good moisture retention [V. corymbosum] Zones 3 - 7 (8)</i>			5g	
<b>Vaccinium corymbosum 'Duke'</b> Highbush Blueberry <i>DECIDUOUS FRUITING SHRUB; early crop; 4-6' tall; bright red to purplish fall foliage; locate in full or partial sun &amp; moist to well-drained organic soil in the 5.0 acidic range with good moisture retention [V. corymbosum] Zones 3 - 7 (8)</i>			5g	

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<b>Vaccinium corymbosum 'Patriot'</b> Highush Blueberry <i>DECIDUOUS FRUITING SHRUB; early to midseason crop; 4-6' tall; bright red to purplish fall foliage; locate in full or partial sun &amp; moist to well-drained organic soil in the 5.0 acidic range with good moisture retention [V. corymbosum] Zones 3 - 7 (8)</i>			5g	
<b>Viburnum carlesii</b> Koreanspice Viburnum <i>DECIDUOUS FLOWERING SHRUB; spicy fragrant white flowers in early May; red fruit clusters in fall; compact rounded habit to 8'; dull fuzzy foliage turns reddish to burgundy in the fall; attracts butterflies &amp; hummingbirds; tolerant of Black Locust; locate in full sun or partial shade &amp; moisture retentive well-drained neutral to acidic soil; Korean native; Zones (4) 5 - 7 (8)</i>		30 - 36" hvy 3 - 4' hvy	B&B B&B	
<b>Viburnum dentatum Chicago Lustre ('Synnesvest')</b> Arrowwood Viburnum <i>DECIDUOUS FLOWERING SHRUB; dark glossy green foliage turns reddish purple in fall; white flowers in late May; upright habit to 10'; locate in full sun or moderate shade; prefers well-drained soil but is very adaptable including coastal locations; native to US &amp; Canada (Chicagoland Grows) Zones (2) 3 - 8</i>		30 - 36" hvy 3 - 4' hvy 4 - 5' hvy 5 - 6' hvy	5g B&B B&B B&B B&B	
<b>Viburnum opulus 'Roseum' (Sterile)</b> European Snowball Viburnum; Old Fashioned Snowball Viburnum <i>DECIDUOUS FLOWERING SHRUB; vigorous grower to 10'; very showy sterile white flowers in mid May; does not fruit; locate in full sun or partial shade &amp; just about any soil including boggy; native to Europe &amp; Asia; Zones 3 - 8</i>			7g	
<b>Viburnum plicatum f. plicatum Newport ('Newzam')</b> Dwarf Japanese Snowball Viburnum <i>DECIDUOUS FLOWERING SHRUB; small white sterile ball-like flowers; dwarf mounding habit to 4' by 4'; small leathery dark green summer foliage turns dark red to purplish in fall; attracts butterflies; locate in full sun or light shade &amp; well-drained moisture retentive soil; somewhat drought tolerant; native to eastern Asia; Zones 5 - 7 (8)</i>		3 - 4' spr hvy	B&B	
<b>Viburnum plicatum f. tomentosum 'Mariesii'</b> Double-file Viburnum <i>DECIDUOUS FLOWERING SHRUB; horizontal spreading branches are covered by white flowers in May, followed by red fruit in summer that turns to black; grows to 8' tall by 12' wide; locate in full sun to light shade &amp; well-drained moisture retentive soil; native to eastern Asia; Zones 5 - 7 (8)</i>		30 - 36" spr hvy 3 - 4' spr hvy 4 - 5' spr hvy 5 - 6' spr hvy	5g B&B B&B B&B B&B	<b>N</b>
<b>Viburnum plicatum f. tomentosum 'Shasta'</b> Double-file Viburnum <i>DECIDUOUS FLOWERING SHRUB; horizontal spreading branches are covered by 5" flat white flowers (cymes) in May, followed by red fruit in summer that transitions to black over several weeks; grows to 6' tall by 12' wide; locate in full sun to light shade &amp; well-drained moisture retentive soil; PHS Gold Metal; native to eastern Asia (Egolf) Zones 5 - 7 (8)</i>		3 - 4' spr hvy 4 - 5' spr hvy 5 - 6' spr hvy	5g 7g B&B B&B B&B	
<b>Viburnum plicatum f. tomentosum 'Summer Snowflake' / 'Fujisanensis'</b> Compact Reblooming Doublefile Viburnum <i>DECIDUOUS FLOWERING SHRUB; sterile white flowers sporadically all summer; fall foliage is purplish-red; compact habit to 5'; may be the same plant as 'Watanabei'; locate in full sun to light shade &amp; well-drained moisture retentive soil; native to eastern Asia; Zone 5 - 7 (8)</i>		3 - 4'	3g B&B	
<b>Viburnum x 'pragense'</b> Prague Viburnum <i>EVERGREEN FLOWERING SHRUB; small narrow glossy leathery evergreen foliage; pink flower buds open white; bushy upright habit to 10' tall &amp; nearly as wide; locate in full sun to light shade &amp; well-drained moisture retentive acidic soil; Zones 5 - 8</i>		3 - 4' hvy	B&B	

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<b>Viburnum x rhytidophylloides 'Allegheny'</b> Lantanaphyllum Viburnum <i>DECIDUOUS FLOWERING SHRUB; dark heavy textured semi-evergreen foliage; creamy white flowers in May &amp; occasionally in the fall; red fruit in September matures to black in October; upright to 10' tall &amp; nearly as wide; locate in full sun to light shade &amp; well-drained moisture retentive acidic soil (Egolf)</i> Zones (4) 5 - 8		30 - 36" hvy 3 - 4' hvy 4 - 5' hvy	B&B B&B B&B	
<b>Viburnum rhytidophyllum</b> Leatherleaf Viburnum <i>EVERGREEN FLOWERING SHRUB; yellowish-white flowers in mid May; fruit opens red before maturing to black in fall; long narrow foliage is semi-evergreen in northern range - especially dependent on winter wind exposure; upright bushy habit to 15' tall &amp; slightly narrower; locate in light to medium shade &amp; well-drained moisture retentive acidic soil; native to China; Zones 5 - 7</i>		30 - 36" hvy 3 - 4' hvy 4 - 5' hvy	B&B B&B B&B	
<b>Viburnum trilobum 'Wentworth'</b> American Cranberrybush Viburnum <i>DECIDUOUS FLOWERING SHRUB; white spring lacecap flower in mid to late May; fruit changes from yellow-red to bright red in mid to late fall and is larger and more persistent than the species; reddish fall foliage; intermediate grower to 12' tall and almost as wide; locate in full sun to partial shade &amp; moist to well-drained acidic soil; native to US &amp; Canada; Zones 4 - 7</i>		30 - 36" hvy 3 - 4' hvy 4 - 5' hvy 5 - 6' hvy	7g B&B B&B B&B	
<b>Vitex agnus-castus</b> Lilac Chaste-tree <i>DECIDUOUS FLOWERING SHRUB; lavender flower spikes in July on new wood; will be a cut-back shrub most years in the northern hardiness range; locate in full sun &amp; organic well-drained moisture retentive soils; native to southern Europe; Zones (5) 6 - 8</i>		42 - 48" 4 - 5'	7g B&B B&B	
<b>Weigela florida 'Minuet'</b> Red Weigela <i>DECIDUOUS FLOWERING SHRUB; lightly fragrant red flowers with a yellow throat in late spring; dwarf habit to 30" high &amp; wide; foliage is green with a purplish tint; widely adaptable to soil and light exposure; deer browse resistant; attracts hummingbirds &amp; butterflies; locate in full to part shade &amp; most well-drained moisture retentive soils; native to Japan; Zones 4 - 8</i>			3g	
<b>Weigela florida My Monet ('Verweig')</b> Dwarf Variegated Weigela <i>DECIDUOUS FLOWERING SHRUB; green foliage that's edged in white with a pink tinge in spring; the pink fades to white in summer; purplish-pink flowers appear in late spring; very compact mounding habit to 18" high &amp; wide; deer browse resistant; attracts hummingbirds &amp; butterflies; locate in full to part shade &amp; most well-drained moisture retentive soils; native to Japan (PW) (Verhoef) Zones 4 - 8</i>			3g	
<b>Weigela florida Rainbow Sensation ('Kolmagira')</b> Variegated Pink Weigela <i>DECIDUOUS FLOWERING SHRUB; green foliage that's edged in lemony-green throughout the growing season; soft pink flowers in late May or early June; compact mounding habit to 4' high &amp; wide; deer browse resistant; attracts hummingbirds &amp; butterflies; locate in full to part shade &amp; most well-drained moisture retentive soils; native to Japan; Zones 4 - 8</i>			5g	
<b>Weigela florida Wine &amp; Roses ('Alexandra')</b> Purpleleaf Weigela <i>DECIDUOUS FLOWERING SHRUB; hot rosy-pink June flowers; dark burgundy foliage; broadly upright habit to 5'; deer browse resistant; attracts hummingbirds &amp; butterflies; locate in full to part shade &amp; most well-drained moisture retentive soils; PHS Gold Metal; native to Japan (PW) Zones 5 - 8</i>			5g	

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<b>Wisteria 'Amethyst Falls'</b> <p style="text-align: right;"><b>TREE FORM</b></p> Lavender American Wisteria <i>DECIDUOUS TWINING FLOWERING VINE; mildly fragrant lilac-blue flowers from June to August; not as vigorous as Asian cultivars; locate in full sun &amp; well-drained moisture retentive neutral to slightly alkaline soil; shade &amp; over fertilization can reduce flowering; US native [W. frutescens] (Head-Lee N) Zones 5 - 9</i>			15g	
<b>Wisteria 'Aunt Dee'</b> <p style="text-align: right;"><b>STAKED</b></p> Lavender Kentucky Wisteria <i>DECIDUOUS TWINING FLOWERING VINE; lightly fragrant, 12" light lavender flowers; not as vigorous as Asian cultivars; locate in full sun &amp; well-drained moisture retentive neutral to slightly alkaline soil; shade &amp; over fertilization can reduce flowering; US native [W. macrostachya] (Bailey) Zones (4) 5 - 9</i>		6' stake 8' stake	5g 10g	
<b>Wisteria Summer Cascade First Editions ('Betty Matthews')</b> <p style="text-align: right;"><b>STAKED</b></p> Lavender Kentucky Wisteria <i>DECIDUOUS TWINING FLOWERING VINE; dark lavender flowers hang from new wood in June &amp; gradually fade to a light lavender; will climb to about 20'; foliage turns yellow in fall; not as vigorous as Asian cultivars; locate in full sun &amp; well-drained moisture retentive neutral to slightly alkaline soil; shade &amp; over-fertilization can reduce flowering; US native [W. macrostachya] (Bailey) Zones 4 - 8</i>			5g	<b>N</b>
<b>Zelkova serrata 'Green Vase'</b> Japanese Zelkova <i>SHADE TREE; vigorous upright spreading branches; orange to bronze fall foliage; locate in full sun or light shade &amp; moist well-drained soil of varying pH; tolerant of urban conditions; PHS Gold Metal; Asian native; Zones (4) 5 - 8</i>		1.75"c 2"c 2.5"c	20g 25g B&B B&B B&B	

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