

BED GROWN LINERS

BOTANICAL NAME	Size	Zone	25-500 RATE			500 + RATE		
			R.C.	6-12"	12-18"	R.C.	6-12"	12-18"
Maple Large shade tree with excellent fall color.	25' by 60'	4-8	1.50	1.80	2.00	1.15	1.40	1.60
Acer rubrum 'Brandywine' Red to brilliant red-purple fall foliage that last up to 14 days or more; oval in habit and exhibits significant resistance to leaf-hopper.	25' by 50'	4-8	1.50	1.80	2.00	1.15	1.40	1.60
Acer rubrum Fairview Flame Excellent red to scarlet fall color; oval-rounded crown.	48' by 50'	4-8(9)	1.50	1.80	2.00	1.15	1.40	1.60
Acer rubrum 'October Glory'® Good oval rounded form with brilliant orange to red fall color. <i>Add .50 royalty fee per plant.</i>	25' by 50'	4-9	1.50	1.80	2.00	1.15	1.40	1.60
Acer rubrum Summer Red® Outstanding burgundy red new growth results in a beautiful spring show; matures to a dark purplish green; yellow fall color; dense, oval-shaped crown. <i>Add .50 trademark fee per plant.</i>	40' to 60'	5-9	1.50	1.80	2.00	1.15	1.40	1.60
Acer rubrum 'Somerset' (A. rubrum 'October Glory' x A. rubrum 'Autumn Flame'); long-lasting red color; appears to color well as far south as Georgia; moderately ovate crown; good leaf-hopper resistance.	23' by 50'	4-7	1.50	1.80	2.00	1.15	1.40	1.60
Acer rubrum 'Sun Valley' (A. rubrum 'Red Sunset' x A. rubrum 'Autumn Flame'); like 'Somerset', this selection also exhibits long-lasting fall color and shows significant leaf-hopper resistance; symmetrical ovate crown at maturity.	21' by 50'	4-8	1.50	1.80	2.00	1.15	1.40	1.60
Acer x freemanii 'Autumn Blaze'® Dense oval rounded shape and rapid growth. Excellent fall color of orange red. <i>Add 1.00 royalty fee per plant.</i>	50' by 40'	4-7	1.50	1.80	2.00	1.15	1.40	1.60
Acer x freemanii 'Celzam Celebration'® Fast growing medium sized seedless tree. Attractive red and gold fall color. <i>Add .95 royalty per plant.</i>	25' by 50'	4-7	1.50	1.80	2.00	1.15	1.40	1.60
Betula nigra Fast growing with exfoliating bark.	40' by 70'	4-8	1.45	1.75	1.90	1.10	1.35	1.55
Betula nigra 'BNTMF' Dura-Heat® River Birch Superb heat tolerant selection with a very dense canopy of dark olive green leaves; creamy-white exfoliating bark; butter-yellow fall foliage; leaf spot resistance greater than other river birches. <i>Add .30 trademark fee per plant.</i>	40' to 60'	4-8	1.45	1.75	1.90	1.10	1.35	1.55
Heritage River Birch Betula Nigra Cully® Large dark green leaves with good yellow fall color and vigorous growth. <i>Add .25 trademark fee per plant.</i>	35' by 50'	4-8	1.45	1.75	1.90	1.10	1.35	1.55

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			R.C.	6-12"	12-18"	R.C.	6-12"	12-18"
Buxus microphylla 'Winter Green' Handsome light green, small leaved form that performs superbly in colder climates. 2 yr.	4' by 4'	5-8		1.75			1.55	
Buxus Chicagoland Green® ('Glencoe') (B. microphylla var. koreana x B. sempervirens) Excellent cold-hardiness, uniform broad-oval habit; good winter color. 2 yr. Add .20 trademark fee per plant.	3-4' by 5'	5-8		1.75			1.55	
Buxus 'Dee Runk' Excellent upright cultivar. Good for narrow hedges. 2 yr.	8' by 2'	6-8		1.75			1.55	
Buxus x 'Green Mountain' (var. koreana x B. sempervirens); Wide, pyramidal habit; most upright of hybrids; small, dark green leaves. 2 yr.	5' by 3'	5-8		1.75			1.55	
Buxus x 'Green Velvet' (var. koreana x B. sempervirens) Slow-growing boxwood with rounded habit; good winter color. 2 yr.	4' by 4'	5-8		1.75			1.55	
Buxus sempervirens "Justin Brouwers" Justin Brouwers Boxwood "Justin Brouwers" is a compact, mounding to rounded cultivar. Slow to medium growth rate; 1"-3" per year.	2' by 2'	6-8	1.75			1.55		
Euonymus alatus 'Compactus' Compact shrub with brilliant red fall foliage	6' by 8'	4-9	1.10	1.30	1.65	1.00	1.20	1.45
Fothergilla 'Mount Airy' Vigorous growth, bottle brush flowers and excellent fall color.	5' by 5'	5-8	1.50			1.20		
Hydrangea paniculata 'Phantom' Very large flower. 2 yr.	6' by 8'	4-8	1.65	2.05	2.35	1.45	1.75	2.05
Hydrangea quercifolia 'Alice' A vigorous selection with 10 to 14" long inflorescence with very large, creamy-white sepals; dark green foliage turns to burgundy-red in fall. 2 yr.	12' by 12'	5-9	1.65	2.05	2.35	1.45	1.75	2.05
Hydrangea quercifolia 'Pee Wee' Compact, upright, restrained habit with deep green leaves. 2 yr.	3' by 3'	5-9	1.65	2.05	2.35	1.45	1.75	2.05
Hydrangea quercifolia 'Ruby slippers' Nine inch long flowers emerge in early summer and turn pale pink then rose color. 2 yr.	3.5' by 5'	5-8	1.65	2.05	2.35	1.45	1.75	2.05
Hydrangea quercifolia 'Snow Queen' An improvement of the species with 6 to 8" flowers that are held upright. Does better in sun than seedling. 2 yr.	6' by 5'	5-9	1.65	2.05	2.35	1.45	1.75	2.05
Hydrangea quercifolia 'Sikes Dwarf' A dwarf selection of the species with attractive white flowers. 2 yr.	3' by 4'	5-9	1.65	2.05	2.35	1.45	1.75	2.05

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			R.C.	6-12"	12-18"	R.C.	6-12"	12-18"
Lagerstroemia 'Natchez' Large plant with white flowers beautiful dark cinnamon bark.	20' by 20'	6-9	1.15	1.25	1.45	1.00	1.10	1.25
Lagerstroemia x Sioux Beautiful pink medium sized national arboretum introduction.	8' by 15'	6-10	1.15	1.25	1.45	1.00	1.10	1.25
Lagerstroemia 'Acoma' Smaller white crapemyrtle	10' by 10'	6-9	1.15	1.25	1.45	1.00	1.10	1.25
Lagerstroemia indica 'Hopi' Medium size pink crapemyrtle.	11' by 11'	6-9	1.15	1.25	1.45	1.00	1.10	1.25
Lagerstroemia catawba Purple crapemyrtle	15' by 15'	7-9	1.15	1.25	1.45	1.00	1.10	1.25
Magnolia stellata 'Royal Star' Pink buds open to reveal over 25 purely white fragrant tepals; 3-4" in diameter; clean deep-green foliage on an upright dense shrub that grows more rounded with age. 2 yr.	20' by 15'	4-8(9)	1.65	2.05	2.35	1.45	1.75	2.05
Magnolia x 'Ann' - (M. liliflora x M. stellata) Deep purple-red blooms with 7 to 9 tepals; good grower. 2 yr.	8 to 10' by 10'	4-7(8)	1.65	2.05	2.35	1.45	1.75	2.05
Magnolia x 'Jane' - (M. liliflora x M. stellata) Blooms are reddish-purple on the outside with a white inside. 2 yr.	10' by 15'	4-7(8)	1.65	2.05	2.35	1.45	1.75	2.05
Platanus 'Morton Circle' ® Exclamation™ London Planetree Resistant to Anthracnose and Frost Cracking Large tree with beautiful peeling bark. Add .60 royalty per plant.	40' by 60'	4-8	1.60	2.00	2.20	1.20	1.55	1.60
Prunus serrulata 'Kwanzan' Very hardy, double-flowering selection; deep pink blooms; bronzy new growth with orange-bronze fall color.	30' by 30'	5-6	1.15	1.35	1.55	.95	1.05	1.25
Prunus serrulata 'Snow Goose' White flowers appearing before or with bright green leaves; upright habit.	30' by 30'	5-6	1.15	1.35	1.55	.95	1.05	1.25
Prunus subhirtella 'Autumnalis' Semi-double, light-pink flowers. Blooms spring & fall.	30' by 15' to 30'	(4)5-8	1.15	1.35	1.55	.95	1.05	1.25
Prunus subhirtella 'Pendula' Graceful, weeping selection with single pink flowers.	20' to 30'	(4)5-8	1.25	1.45	1.65	1.05	1.15	1.35

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			R.C.	6-12"	12-18"	R.C.	6-12"	12-18"
Prunus virginiana 'Canada Red' Green foliage changing to a bright red; fast growth rate; well-distributed branching forms a full, rounded crown.	20' by 30' by 18' to 25'	2-6	1.15	1.35	1.55	.95	1.05	1.25
Prunus x 'Okame' - (P. incisa x P. campanulata) Abundant red-pink flowers on a fast growing tree; good orange-red fall color.	25' by 25'	6-8	1.15	1.35	1.55	.95	1.05	1.25
Prunus x yedoensis - (P. incisa x P. speciosa) Yoshino cherry; slightly fragrant pink or white flowers on a rounded spreading tree.	20' by 30'	5-8	1.15	1.35	1.55	.95	1.05	1.25
Prunus x yedoensis 'Akebono' - (P. incisa x P. speciosa); Soft pink, single flowers; forms a graceful rounded tree that retains leaves well into the fall.	25' by 25'	5-8	1.15	1.35	1.55	.95	1.05	1.25
Prunus x yedoensis 'Shidare Yoshino' Beautiful arching branches covered with masses of white flowers in late March.	20' by 30'	5-8	1.25	1.45	1.65	1.05	1.15	1.35
Prunus x snofozam 'Snow Fountains' ® A compact natural weeping tree that give the appearance of snow when covered with pure white flowers in spring. Add Royalty .75	15' by 8'	5-8	1.25	1.45	1.65	1.05	1.15	1.35
Thuja occidentalis 'Bobazam'® Mr. Bowling Ball Dense and finely textured sage-green folige forms a perfect compact "ball" that does not require pruning. Add .40 patent fee per plant.	2.5' by 2.5'	3	1.35			1.00		
Thuja occidentalis 'Emerald' Narrow, compact pyramidal habit with bright green foliage that does not discolor in winter; excellent heat tolerance and cold hardy to -40 degrees.	10 to 15' by 3 to 4'	3-7	1.35			1.00		
Thuja plicata 'Green Giant' - (T. standishii x T. plicata); Fast-growing with excellent dark green foliage; good replacement for Leyland Cypress.	30' to 40'	5-8	1.35			1.00		
Thuja plicata x standishii 'Virginian'™ PP 26684P3 Wonderful new fast growing compact green giant grows as fast as green giant just not as tall or wide. Add .90 royalty per plant.	14' to 6'	5-8	1.35			1.00		
Ulmus Frontier 'Frontier Elm' A National Arboretum introduction that has moderate stature with attractive red fall color.	15' by 25'	4-8	1.40	1.65	1.95	1.15	1.25	1.35
Viburnum carlesii Extremely fragrant, white semi-snowball type flowers on a rounded, dense shrub. 2 yr.	5 to 8' by 4 to 8'	(4)5-7(8)	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum carlesii 'Cayuga' (V. carlesii x V. x carlcephalum); Abundant pink buds open to large, fragrant white blooms; compact, spreading, deciduous shrub. 2 yr.	6'	5-7	1.65	2.05	2.35	1.45	1.75	2.05

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			R.C.	6-12"	12-18"	R.C.	6-12"	12-18"
Viburnum dentatum Chicago Lustre® (Synnesvedt) - glossy, dark green foliage turning to a reddish purple in the fall. 2 yr. Add .20 royalty per plant.	10' by 10'	3-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum opulus 'Sterile' European Cranberrybush; showy white flowers last for a long time. 2 yr.	12'	3-7	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum macrocephalum 'Sterile' Chinese Snowball Viburnum; dense, rounded shrub with white snowball flowers. 2 yr.	12' by 15'	6-9	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum plicatum 'Kern's Pink' Pink flowers on a vigorous plant. 2 yr.	6 to 10"	5-7	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum plicatum var. tomentosum 'Shasta' Abundant large flowers followed by bright red, then black fruits; broad, horizontal habit. 2 yr.	6' by 10'	5-7	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum utile 'Conoy' A densely branched evergreen shrub with creamy white flowers and glossy leaves; resistant to bacterial leaf spot. 2 yr.	5' by 8'	6-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum x burkwoodii 'Mohawk' Dark red buds opening to white flowers with a spicy fragrance; compact habit and resistant to mildew and leaf spot. 2 yr.	7' by 7'	5-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum plicatum var. tomentosum 'Mariesii' Large flowers that emerge above the foliage; horizontal in habit. 2 yr.	10'	5-7	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum x juddii - (V. carlesii x V. bitchiuense) Very fragrant bell-shaped flowers; more resistant to bacterial leaf spot. 2 yr.	6' to 8'	4-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum x pragense - (V. rhytidophylloides x V. utile); Evergreen Shrub with lustrous, dark green elliptic foliage; creamy white, flat-topped cymes; upright-oval habit. 2 yr.	8' by 10'	5-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum x rhytidophylloides 'Alleghany' (V. rhytidophyllum x V. lantana) Yellow-white flowers borne above dark green leaves; dense, round habit. 2 yr.	10' by 11'	5-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum x rhytidophylloides 'Willowood' Lustrous green foliage and a nice arching habit. 2 yr.	10' by 10'	5-8	1.65	2.05	2.35	1.45	1.75	2.05

NEW VIBURNUMS

BOTANICAL NAME	Size	Zone	25-500 RATE			500 + RATE		
			R.C.	6-12"	12-18"	R.C.	6-12"	12-18"
Viburnum 'Nantucket' 'Nantucket' Viburnum The latest viburnum released from the U.S. Arboretum in Washington, D.C. Semi-evergreen, upright compact, lightly fragrant flowers in the spring. 2 Yr.	12' by 7'	6-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum plicatum tomentosum 'Limartz' Lime Martini™ Doublefile Viburnum An upright snowball with extended bloom time. Add .60 Trademark Fee Per Plant. 2 Yr.	10' by 8'	4	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum plicatum tomentosum 'Shakaz' Sharon Kay™ Doublefile Viburnum Double rows of 3" showy spring snowball flowers along layered branches. Add .60 Trademark Fee Per Plant. 2 Yr.	8' by 8'	5	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum plicatum var. tomentosum 'Igloo' Igloo Viburnum Wide spreading mounded habit. Lacecap flowers. 2 Yr.	6' by 12'	5-7	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum plicatum var. tomentosum 'Popcorn' Popcorn Viburnum Loaded with three inch white flowers red fruit. 2 Yr.	8' by 6'	5-7	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum rhytidophyllum Leatherleaf Viburnum Excellent specimen; blends well with other broadleaf evergreens/ possibly massing or as a background plant. Tolerates heavy shade. 2 Yr.	10' by 15'	5-8	1.65	2.05	2.35	1.45	1.75	2.05
Viburnum rhytidophyllum 'Green Trump' A more compact form with darker greener and longer leaves from Holland. 2 Yr.	6' by 8'	5-7	1.65	2.05	2.35	1.45	1.75	2.05

FIELD GROWN TRANSPLANTED LINERS

BOTANICAL NAME	Size	Zone	1 yr.	2 yr.	3-4'	4-5'	5-6'
Hydrangea quercifolia 'Pee Wee' Compact, upright, restrained habit with deep green leaves. 2 yr.	3' by 3'	5-9	3.25				
Hydrangea quercifolia 'Snow Queen' An improvement of the species with 6 to 8" flowers that are held upright. Does better in sun than seedling. 2 yr.	6' by 5'	5-9	3.25				

DOGWOODS

BOTANICAL NAME	Size	Zone	6-12	12-18	18-24	24-30	30-36
Cornus florida 'Super Princess' Fast growing white Flowering Dogwood	20' by 30'	5-8	4.50	5.00	6.50	7.00	7.50
Cornus florida 'Cherokee Brave' Vigorous grower with large red flowers. Resistant to mildew.	20' by 30'	5-8	4.50	5.00	6.50	7.00	7.50
Cornus florida 'Cherokee Princess' Upright grower with large white flowers.	20' by 30'	5-8	4.50	5.00	6.50	7.00	7.50
Cornus florida 'Jean's Appalachian Snow' PP # 13099. White flowering dogwood with excellent resistance to powdery mildew. Blooms have large stiff bracts. Add \$1.00 Patent Fee per plant	20' by 30'	5-8	4.50	5.50	7.00	8.00	8.50
Cornus florida 'Appalachian Joy' PP # 13238. Multiple big white bracts and highly powdery mildew resistant. Add \$1.00 Patent Fee per plant	20' by 30'	5-8	4.50	5.50	7.00	8.00	8.50
Cornus florida Jn13 "Ragin Red Dogwood" PP # 29424. One of the Darkest Red Blooming Dogwoods with wine colored foliage. Add \$1.50 Royalty fee.	20' by 30'	5-8	4.50	5.50	7.00	8.00	8.50

