

EVERGREEN TREES		
Scientific Name	Common Name	Deer Resistance
Abies	Firs of all upright varieties	B-C
Arborvitae (Green Giant recommended)	Arborvitae of all upright varieties	A-D
Cedrus	Cedars of all upright varieties	B-C
Ilex Opaca	American and other Holly varieties	A
Juniperus	Junipers of all upright varieties	B
Picea	Spruces of all upright varieties	A-B
Pinus	Pines of all upright varieties	A-B
Taxus	Yew of all upright varieties	C-D
Tsuga	Hemlocks of all upright varieties	C

Native plants in many parts of the U.S. are struggling because of changes in land use, development practices, and climate, posing problems for the wildlife species that depend on them for sustenance and sanctuary.

Native plants promote biodiversity.

Native plants are more adaptive to the local climate and soil conditions and therefore require less fertilizer or pesticides.

Native plants generally require less water and help prevent soil erosion.

All newly planted trees should be staked and protected with deer fencing until the canopy grows to a safe height, or after their second growing season.

Regardless of deer resistance, many small tree or shrub seedlings can become fodder for deer browsing

RECOMMENDED SHADE TREES (35+ Ft Tall)

Scientific Name	Common Name	Nativity	Deer Resisistance
Acer Rubrum	Red Maple (Armstrong/October Glory)	Native	B
Acer saccharum	Sugar Maple (Columbar, Green Mountain, Momentale)	Native	B
Aesculus carnea	Red Horsechestnut	Exotic	B
Aesculus flava	Yellow Buckeye	Native	B
Betula alleghaniensis	Yellow Birch	Native	B
Betula nigra	River Birch	Native	A
Carpinus betulus	European Hornbeam	Exotic	B
Carya cordiformis	Bitternut Hickory/ Swamp Hickory	Native	B
Carya ovata	Shagbark Hickory	Native	B
Carya tomentosa	Mockernut Hickory	Native	B
Celtis occidentalis	Common Hackberry	Native	B
Cercidiphyllum japonicum	Katsura Tree	Exotic	A
Fagus grandifolia	American Beech	Native	B
Ginkgo biloba	Ginkgo, Maidenhair Tree (Autumn Gold, Lakeview and Sentry-must be male)	Exotic	B
Gleditsia triacanthos inermi	Honey Locust, Imperial, Skyline, Sunburst	Native	B
Gymnocladus dioicus	Kentucky Coffeetree	Native	A-B
Ilex Aquifolium	English Holly	Exotic	B
Juglans cinerea	Butternut	Native	C
Juglans Nigra	Black Walnut	Native	C
Liquidambar styraciflua	Sweetgum	Native	C
Liriodendron tulipifera	Tuliptree/ Yellow Poplar	Native	B

Magnolia acuminata	Cucumber Tree	Native	B-C
Morus rubra	Red Mulberry	Native	C
Nyssa sylvatica	Blackgum, Tupelo Sourgum	Native	A
Platanus occidentalis	American Sycamore	Native	B
Prunus Pensylvanica	Pin Cherry	Native	C-D
Prunus serotina	Black Cherry,	Native	C-D
Quercus	Oak Tree Varieties: White, Scarlet, Pin,	Native	C
Quercus con't	Willow, Northern Red, Black, Scrub,	Native	C
Sassafras albidum	Sassafras	Native	B
Taxodium distichum	Bald Cypress	Native	C
Tilia Americana	Linden:Littleleaf, Chancellor, Greenspire, Rancho	Native	C

*Deer Resistance Grade A: Most Resistant - D: Least Resistant

RECOMMENDED SHADE/ORNAMENTAL TREES (Max. 35 Ft Tall)			
Scientific Name	Common Name	Nativity	Deer Resistance
Acer campestre	Hedge Maple	Exotic	B
Acer pensylvanicum	Striped Maple	Native	B
Acer spicatum	Mountain Maple	Native	B
Amenlanchier arborea	Common Serviceberry	Native	C
Amenlanchier canadensis	Canadian Serviceberry	Native	C
Asimina triloba	Pawpaw Tree	Native	A
Carpinus caroliniana	Ironwood/Amer. Hornbeam	Native	A
Cercis canadensis	Eastern Redbud	Native	C
Chionanthus virginicus	White Fringetree	Native	C
Cornus alternifolia	Alternateleaf Dogwood	Native	C

Cornus florida white or rubra pink	Flowering Dogwoods	Native	C
Cornus Kousa	Chinese/Korean Dogwood	Exotic	B
Cornus Mas	Cornelian Cherry Dogwood	Native	C
Crataegus crus-galli	Cockspur Hawthorn	Native	B
Crataegus lavelleii	Lavelle Hawthorn	Exotic	B
Crataegus phaenopyrum (cordata)	Washington Hawthorn	Exotic	B
Halesia (Carolina) Tetraptera	Carolina Silverbell	Native	B
Ilex Opaca	American Holly	Native	A
Magnolia virginiana	Sweetbay Magnolia	Native	B
Malus (crab apple varieties)	American Beauty, Snowcloud, Pink Perfection, Snowdrift, Catherine	Mixed	C
	Sergent, scheidecker		
Ostrya virginiana	Hophornbeam, Ironwood	Native	A-B
Oxydendrum arboretum	Sorrel Tree, Sourwood	Native	B
Prunus americana	American Plum	Native	D
Prunus Kwanzan/Kanzan	Japanese Cherry	Exotic	D
Prunus Sargentii Columnaris	Sargent Cherry	Exotic	D
Prunus X yedoensis	Yoshino Cherry	Exotic	D
Ptelea trifoliata	Common Hoptree	Native	A-B
Sophora japonica	Japanese Pagoda Tree	Exotic	B
Staphylea trifolia	American Bladdernut	Native	B

*Deer Resistance Grade A: Most Resistant - D: Least Resistant

RECOMMENDED SHRUBS						
Scientific Names	Common Names	D/E/SE	Flower	Hgt ft.	Nativity	Deer Resistance
<i>Aesculus Parviflora</i>	Bottlebrush/Buckeye	D	X	6 to 10	Native	A
<i>Alnus serrulata</i>	Hazel Alder	D		6 to 20	Native	C-D
<i>Buxus sempervirens</i>	Common Boxwood	SE		5 to 15	Exotic	A
<i>Comptonia peregrina</i>	Sweet Fern	D		2 to 4	Native	A
<i>Ceanothus americanus</i>	New Jersey Tea	D	X	3 to 4	Native	A-B
<i>Cephalanthus occidentalis</i>	Common Buttonbush	D	X	6 to 15	Native	A-B
<i>Chaenomeles japonica</i>	Japanese Quince Shrub	D	X	2 to 3	Exotic	C
<i>Chamaedaphne calyculata</i>	Leatherleaf	E	X	2 to 5	Native	B
<i>Clethra alnifolia</i>	Summersweet	D	X	4 to 8	Native	B
<i>Comptonia peregrina</i>	Sweet Fern	D		2 to 4	Native	A-B
<i>Cornus amomum</i>	Silky Dogwood	D	X	6 to 10	Native	B-C
<i>Cornus racemosa</i>	Gray Dogwood	D	X	10 to 15	Native	C
<i>Cornus sericea</i>	Redosier Dogwood	D	X	7 to 9	Native	B
<i>Corylus americana</i>	American Hazelnut	D	X	10 to 15	Native	B
<i>Deutzia gracilis</i>	Slender Deutzia	D	X	2 to 5	Exotic	B
<i>Eubotrys racemosa</i>	Sweetbells	D	X	3 to 8	Native	A-B
<i>Euonymus americanus</i>	American Strawberry Bush	D	Fruit	4 to 6	Native	D
<i>Forsythia intermedia</i> var.	Forsythia varieties	D	X	5 to 10	Exotic	B
<i>Gaylussacia baccata</i>	Black Huckleberry	D	Fruit	1 to 3	Native	C-D
<i>Hamamelis virginiana</i>	American Witchhazel	D	X	20 to 30	Native	B
<i>Hydrangea arborescens</i>	Smooth hydrangea	D	X	3 to 5	Native	C
<i>Hydrangea macrophylla</i>	Bigleaf hydrangea	D	X	6 to 10	Exotic	C
<i>Hydrangea paniculata</i>	Panicked hydrangea	D	X	8 to 15	Exotic	C
<i>Hydrangea quercifolia</i>	Oakleaf hydrangea	D	X	6 to 8	Native	C
<i>Hydrangea serrata</i>	Mountain hydrangea / tea of heaven	D	X	2 to 4	Exotic	C
<i>Hypericum prolificum</i>	St Johns Wort	D	X	1 to 5	Native	B
<i>Ilex crenata microphylla</i>	Dwarf-leaved J. Holly	SE		6 to 10	Exotic	C
<i>Ilex crenata hetzii</i>	Japanese Holly	SE		10 to 12	Exotic	C

<i>Ilex glabra</i>	Inkberry	E	Fruit	6 to 8	Native	B
<i>Ilex laevigata</i>	Smooth Winterberry	D	Fruit	6 to 10	Native	B
<i>Ilex verticillata</i>	Common Winterberry	D	Fruit	6 to 12	Native	C
<i>Itea virginica</i>	Sweetspire (Virginia Willow)	D	X	3 to 8	Native	B
<i>Juniperus chinensis glauca</i>	Chinese Juniper	E		5 to 7	Exotic	B
<i>Juniperus chinensis pfitzeriana</i>	Chinese Juniper sea green	E		4 to 6	Exotic	B
<i>Kalmia angustifolia</i>	Sheep Laurel	E	X	1 to 3	Native	A-B
<i>Kalmia latifolia</i>	Mountain Laurel	E	X	5 to 15	Native	B
<i>Ligustrum lbohium</i>	Northern Privet Hedge	SE	X	8 to 12	Exotic	B
<i>Lindera benzoin</i>	Spicebush	D	Fruit	6 to 12	Native	B
<i>Lyonia ligustrina</i>	Maleberry	D	Fruit	6 to 12	Native	B-C
<i>Lyonia mariana</i>	Staggerbush	D	X	2 to 6	Native	B-C
<i>Mohonia aquifolium</i>	Oregon Grape Holly	E	X	5 to 10	Native	A
<i>Morella pensylvanica</i>	Northern Bayberry/Myrica	E	Fruit	5 to 12	Native	A
<i>Philadelphus; virginalis</i>	Virginal Mock Orange	D	X	5 to 10	Exotic	B
<i>Photinia floribunda</i>	Purple Chokeberry	D	Fruit	3 to 5	Native	C
<i>Photinia melanocarpa</i>	Black Chokeberry	D	Fruit	3 to 5	Native	C
<i>Photinia pyrifolia</i>	Red Chokeberry	D	Fruit	6 to 10	Native	C
<i>Physocarpus opulifolius</i>	Common Ninebark	D	X	5 to 8	Native	A-B
<i>Pyracantha coccinea lalandei</i>	Scarlet Firehorn	SE	X	8 to 10	Exotic	B
<i>Rhamnus alnifolia</i>	Alderleaf buckthorn	D	Fruit	2 to 5	Native	B
Rhododendrons	includes Azaleas	SE	X	4 to 15	Native	C
<i>Rosa nitida</i>	Shining Rose	D	X	2 to 3	Exotic	C
<i>Rosa virginia</i>	Virginia Rose	D	X	4 to 6	Exotic	C
<i>Rubus odoratus</i>	Purple Flowering Raspberry	D	X	3 to 6	Native	B
<i>Salix discolor</i>	Pussy Willow	D	X	up to 20	Native	C
<i>Sambucus canadensis</i>	American Black Elderberry	D	X	8 to 12	Native	A
<i>Sambucus racemosa</i>	Red Elderberry	D	Fruit	3 to 4	Native	B
<i>Spiraea alba</i>	Meadowsweet	D	X	3 to 4	Exotic	A
<i>Spiraea tomentosa</i>	Steeplebush	D	X	5 to 8	Native	A-B
<i>Spiraea vanhouttei</i>	Spirea	D	X	8 to 15	Native	B

<i>Syringa vulgaris</i> /(alba)	Lilac and White Lilac	D	X	up to 20	Exotic	D
Taxus Varieties	Yew Shrubs	E			Exotic	D
<i>Taxus x media densifornis</i>	Spreading Yew	E			Exotic	D
<i>Taxus x media hatfield</i>	Hatfield Yew	E		4 to 6	Native	C
<i>Viburnum acerifolium</i>	Mapleleaf Viburnum	D	Fruit	6 to 15	Native	A
<i>Viburnum dentatum</i>	Arrowwood	D	X	15 to 18	Native	B-C
<i>Viburnum lentago</i>	Nannyberry	D	Fruit	5 to 6	Native	C
<i>Viburnum nudum</i>	Possumhaw	D	Fruit	12 to 15	Native	B
<i>Viburnum opulus</i> (var amer.)	Cranberry bush viburnum	D	Fruit	6 to 12	Native	B
<i>Viburnum prunifolium</i>	Blackhaw	D	Fruit	12 to 15	Exotic	B
<i>Viburnum tomentosum</i>	Doublefile	D	Fruit	2 to 3	Native	A-B
<i>Xanthorhiza simplicissima</i>	Yellowroot	D	X	2 to 3	Native	B

D=Deciduous / SE=Semi-Evergreen / E= Evergreen
 *Deer Resistance Grade A: Most Resistant -- D: Least Resistant

RECOMMENDED GRASSES							
Scientific Names	Common Names	D/SE/E	Flower	Ht.Ft	Nativity	Deer Resistance	Plant Type
<i>Andropogon gerardii</i>	Big Bluestem	D		4 to 8	Native	B	Grass
<i>Andropogon virginicus</i>	Broomsedge Bluestem	D		2 to 4	Native	A	Grass
<i>Calamagrostis x acutiflora</i>	Feather Reed Grass	D		3 to 5	Native	A	Grass
<i>Carex pensylvanica</i>	Pennsylvania Sedge	SE		1	Native	A	Grass
<i>Carex stricta</i>	Tussock Sedge	D		1 to 3	Native	A	Sedge
<i>Carex vulpinoidea</i>	Fox Sedge	D		2 to 4	Native	A	Grass
<i>Elymus virginicus</i>	Virginia Wild Rye	D		2 to 4	Native	A	Grass
<i>Juncus effusus</i>	Common Rush	D		2 to 4	Native	A	Grass
<i>Panicum virgatum</i>	Switchgrass	D		1 to 5	Native	A	Grass

Schizachyrium scoparium	Little Bluestem (Grass)	D		3	Native	A	Grass
Sorghastrum nutans	Indiangrass	D		3 to 5	Native	A	Grass

RECOMMENDED GROUND COVERS HERBACEOUS PLANTS (Max 3 Ft)							
Scientific Names	Common Names	D/SE/E	Flower	Ht. inch	Nativity	Deer Resistance	Groundcover/Perennials
Anemone Canadensis	Windflower	D	White	12 to 24	Exotic	A	GC/Perennial
Calluna vulgaris	Scotch Heather	E	pink	12 to 24	Exotic	A	GC/Perennial
Epimedium	Bishop's Hat	D	pink	6 to 12	Exotic	A	GC/Perennial
Gaultheria procumbens	Easter Teaberry	E	Fruit	3 to 6	Native	C	GC/Perennial
Goodyera pubescens	Downy Rattlesnake Plantain	E	white	12 to 24	Native	C	GC/Perennial
Heuchera americana	Coral Bells	D	white	up to 36	Native	B-C	GC/Perennial
Juniperus conferta	Shore Juniper	E	X	6 to 12	Exotic	D	GC/Perennial
Juniperus horizontalis	Creeping Juniper	E	X	6 to 18	Exotic	B	GC/Perennial
Juniperus horizontalis Wiltonii	Carpet Juniper	E	X	4 to 6	Exotic	B	GC/Perennial
Packera aurea	Golden Ragwort	SE	yellow	6 to 30	Native	A-B	GC/Perennial
Podophyllum peltatum	Mayapple	D	white	12 to 18	Native	B	GC/Perennial
Polemonium reptans	Jacobs Ladder	D	purple	12 to 18	Native	B	GC/Perennial
Phlox subulata	Moss Phlox	D	pink/white	4 to 6	Native	A	GC/Perennial
Thymus praecox	Creeping Thyme	SE	pink	4 to 6	Exotic	A	GC/Perennial
Waldsteinia fragarioides	Appalachian Barren Strawberry	SE	yellow	3 to 6	Native	B	GC/Perennial

RECOMMENDED PERENNIAL HERBACEOUS PLANTS							
Scientific Names	Common Names	D/SE/E	Flower	Ht. feet	Nativity	Deer Resistance	Groundcover/Perennials
Adiantum pedatum	Northern Maidenhair Fern	D	X	1 to 3	Native	A	Fern/Perennial
Agastache scrophulariifolia	Purple Giant Hyssop	D	purple	3 to 6	Native	B	Perennial
Allium Schoenoprasum	Wild Chives	D	purple	1 to 1.5	Exotic	A	Perennial

<i>Allium tricoccum</i>	Wild Leeks	D	white	0.5-1	Native	B	Perennial
<i>Amsonia hubrichtii</i>	Threadleaf Bluestar	D	blue	2 to 3	Exotic	A	Perennial
<i>Amsonia tabernaemontana</i>	Eastern Bluestar	D	blue	2 to 3	Native	B	Perennial
<i>Anemone quinquefolia</i>	Wood Anemone	D	white	0.5-.75	Native	B	Perennial
<i>Aquilegia</i> spp.	Columbine	D	various	1 to 3	Native	A	*Biennial
<i>Asclepias incarnata</i>	Swamp Milkweed	D	pink	4 to 5	Native	A	Perennial
<i>Asclepias tuberosa</i>	Butterfly Weed	D	orange	1.5 to 3	Native	B	Perennial
<i>Aster novi-belgii</i>	New York Aster	D	purple	3 to 5	Native	B	Perennial
<i>Aster novae-angliae</i>	New England Aster	D	pink purple	2.5-6	Native	B	Perennial
<i>Astilbe</i>	Astilbe	D	various	1 to 4	Exotic	B	Perennial
<i>Baptisia australis</i>	Blue False Indigo	D	purple	3 to 5	Native	A	Perennial
<i>Calthus palustris</i>	March Marigold	D	yellow	1 to 1.5	Native	A	Perennial
<i>Chimaphila maculata</i>	Spotted Wintergreen	E	white	0.5-.75	Native	D	Perennial
<i>Chrysopsis mariana</i>	Maryland Goldenaster	D	yellow	1 to 2	Native	A	Perennial
<i>Coreopsis Grandiflora</i>	Tickseed	D	yellow	1 to 2	Exotic	B	Perennial
<i>Coreopsis Rosea</i>	Pink Tickseed	D	pink	1 to 2	Native	A	Perennial
<i>Dennstaedtia punctilobula</i>	Eastern Hayscented Fern	D	X	1 to 2	Native	A	Fern/Perennial
<i>Dicentra cucularilla</i>	Dutchman's Breeches	D	white	0.5 to 1	Native	A	Perennial
<i>Echinacea purpurea</i>	Purple Coneflower	D	pink purple	2 to 4	Native	B	Perennial
<i>Erythronium americanum</i>	Trout Lily	D	yellow	0.25-0.5	Native	B	Perennial
<i>Eurybia divaricata</i>	White Wood Aster	D	white	1 to 2.5	Native	A	Perennial
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	D	pink/purple	3 to 5	Native	B	Perennial
<i>Eupatorium perfoliatum</i>	Common Boneset	D	white	0.25-0.5	Native	A	Perennial
<i>Eutrochium purpureum</i>	Joe Pye Weed	D	pink	5 to 7	Native	A	Perennial
<i>Geranium maculatum</i>	Spotted Geranium	D	pink purple	1.5 to 2	Native	A	Perennial
<i>Helenium flexuosum</i>	Purple-headed Sneezeweed	D	yellow	1.5-3	Native	A	Perennial
<i>Heliopsis helianthoides</i>	Smooth Oxeye	D	yellow	3 to 5	Native	A	Perennial
<i>Hyssop officinalis</i>	Hyssop	D	blue purple	1.5-2	Exotic	A	Perennial
<i>Iberis sempervirens</i>	Candytuft	SE	white	0.5-1	Exotic	B	Perennial
<i>Iris versicolor</i>	Blueflag Iris	D	purple	2 to 2.5	Native	A	Perennial
<i>Lavandula angustifolia</i>	English Lavendar	D	purple	1 to 3	Exotic	A	Perennial

<i>Liatrix spicata</i>	Blazing Star Liatrix	D	pink purple	2 to 4	Native	B	Perennial
<i>Lobelia Cardinalis</i>	Cardinal Flower	D	red	2 to 4	Native	B	Perennial
<i>Lobelia siphilitica</i>	Blue Lobelia	D	blue/purple	2 to 3	Native	B	Perennial
<i>Mimilus ringens</i>	Monkey Flower	D	purple	1 to 3	Native	B	Perennial
<i>Monarda didyma</i>	Scarlet Beebalm	D	red	2 to 4	Native	B	Perennial
<i>Monarda fistulosa</i>	Wild Bergamot	D	pink purple	2 to 4	Native	A	Perennial
<i>Nepeta cataria</i>	Catmint	D	pink purple	2 to 3	Exotic	A	Perennial
<i>Osmunda cinnamomea</i>	Cinnamon Fern	D	X	2 to 4	Native	A	Fern/Perennial
<i>Osmunda regalis</i>	Royal Fern	D	X	3 to 5	Native	A	Fern/Perennial
<i>Phlox paniculata</i>	Garden Phlox	D	pink purple	2 to 4	Native	A	Perennial
<i>Physostegia virginiana</i>	Obedient Plant	D	pink purple	3 to 4	Exotic	B	Perennial
<i>Polystichum acrostichoides</i>	Christmas Fern	E	X	1 to 2	Native	A	Fern/Perennial
<i>Rudbeckia fulgida</i>	Orange Coneflower	D	yellow	2 to 3	Native	B	Perennial
<i>Rudbeckia hirta</i>	Blackeyed Susan	D	yellow	2 to 3	Native	B	Perennial
<i>Solidago sempervirens</i>	Goldenrod (Seaside)	D	yellow	2 to 6	Native	B	Perennial
<i>Solidago speciosa</i>	Goldenrod (Showy)	D	yellow	1 to 3	Native	A	Perennial
<i>Tiarella cordifolia</i>	Heartleaf Foamflower	D	white	0.5 to 1	Native	B	Perennial
<i>Verbena hastata</i>	Verbena (swamp)	D	blue/purple	2 to 6	Native	B	Perennial
<i>Vernonia noveboracensis</i>	New York Ironweed	D	pink purple	4 to 6	Native	B	Perennial
<i>Veronicastrum virginicum</i>	Culver's Root	D	blue-white	2 to 6	Native	B	Perennial
<i>Woodwardia virginica</i>	Virginia Chainfern	E	X	2 to 3	Native	B	Fern/Perennial