

ZONING

150 Attachment 3

**Township of Verona**

**Recommended Plant Selection List**

**[Amended 1-23-2023 by Res. No. 2023-023; 2-5-2024 by Res. No. 2024-038; 2-3-2025 by Res. No. 2025-047]**

**EVERGREEN TREES**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Deer Resistance</b>
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)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Nativity</b>	<b>Deer Resistance</b>
Acer Rubrum	Red Maple (Armstrong/October Glory)	Native	B
Acer saccharum	Sugar Maple (Columar, 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

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Scientific Name	Common Name	Nativity	Deer Resistance
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, Willow, Northern Red, Black,	Native	C
Quercus con't	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 lavelleei	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

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

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Scientific Names	Common Names	D/E/SE	Flower	Hgt ft.	Nativity	Deer Resistance
<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 Ibolium</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 oderatus</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/(alba)</i>	Lilac and White Lilac	D	X	up to 20	Exotic	D
Taxus Varieties	Yew Shrubs	E			Exotic	D
<i>Taxus x media densiformis</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>	Poosumhaw	D	Fruit	12 to 15	Native	B
<i>Viburnum opulus (var amer.)</i>	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 #dM D: Least Resistant

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### 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 pennsylvanica</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
<i>Schizachyrium scoparium</i>	Little Bluestem (Grass)	D		3	Native	A	Grass
<i>Sorghastrum nutans</i>	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 Resista	Groundcover/ Perennials
<i>Anemone Canadensis</i>	Windflower	D	White	12 to 24	Exotic	A	GC/Perennial
<i>Calluna vulgaris</i>	Scotch Heather	E	pink	12 to 24	Exotic	A	GC/Perennial
<i>Epimedium</i>	Bishop's Hat	D	pink	6 to 12	Exotic	A	GC/Perennial
<i>Gaultheria procumbens</i>	Easter Teaberry	E	Fruit	3 to 6	Native	C	GC/Perennial
<i>Goodyera pubescens</i>	Downy Rattlesnake Plantain	E	white	12 to 24	Native	C	GC/Perennial
<i>Heuchera americana</i>	Coral Bells	D	white	up to 36	Native	B-C	GC/Perennial
<i>Juniperus conferta</i>	Shore Juniper	E	X	6 to 12	Exotic	D	GC/Perennial
<i>Juniperus horizontalis</i>	Creeping Juniper	E	X	6 to 18	Exotic	B	GC/Perennial
<i>Juniperus horizontalis Wiltonii</i>	Carpet Juniper	E	X	4 to 6	Exotic	B	GC/Perennial
<i>Packera aurea</i>	Golden Ragwort	SE	yellow	6 to 30	Native	A-B	GC/Perennial
<i>Podophyllum peltatum</i>	Mayapple	D	white	12 to 18	Native	B	GC/Perennial
<i>Polemonium reptans</i>	Jacobs Ladder	D	purple	12 to 18	Native	B	GC/Perennial
<i>Phlox subulata</i>	Moss Phlox	D	pink/white	4 to 6	Native	A	GC/Perennial
<i>Thymus praecox</i>	Creeping Thyme	SE	pink	4 to 6	Exotic	A	GC/Perennial

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Waldsteinia fragarioides	Appalachian Barren Strawberry	SE	yellow	3 to 6	Native	B	GC/Perennial
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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
Allium tricoccum	Wild Leeks	D	white	0.5-1	Native	B	Perennial
Amsonia hubrichtii	Threadleaf Bluestar	D	blue	2 to 3	Exotic	A	Perennial
Amsonia tabernaemontana	Eastern Bluestar	D	blue	2 to 3	Native	B	Perennial
Anemone quinquefolia	Wood Anemone	D	white	0.5-0.75	Native	B	Perennial
Aquilegia spp.	Columbine	D	various	1 to 3	Native	A	*Biennial
Asclepias incarnata	Swamp Milkweed	D	pink	4 to 5	Native	A	Perennial
Asclepias tuberosa	Butterfly Weed	D	orange	1.5 to 3	Native	B	Perennial
Aster novi-belgii	New York Aster	D	purple	3 to 5	Native	B	Perennial
Aster novae-angliae	New England Aster	D	pink purple	2.5-6	Native	B	Perennial
Astilbe	Astilbe	D	various	1 to 4	Exotic	B	Perennial
Baptisia australis	Blue False Indigo	D	purple	3 to 5	Native	A	Perennial
Calthus palustris	March Marigold	D	yellow	1 to 1.5	Native	A	Perennial
Chimaphila maculata	Spotted Wintergreen	E	white	0.5-.75	Native	D	Perennial
Chrysopsis mariana	Maryland Goldenaster	D	yellow	1 to 2	Native	A	Perennial
Coreopsis Grandiflora	Tickseed	D	yellow	1 to 2	Exotic	B	Perennial
Coreopsis Rosea	Pink Tickseed	D	pink	1 to 2	Native	A	Perennial
Dennstaedtia punctilobula	Eastern Hayscented Fern	D	X	1 to 2	Native	A	Fern/Perennial
Dicentra cucularilla	Dutchman's Breeches	D	white	0.5 to 1	Native	A	Perennial
Echinacea purpurea	Purple Coneflower	D	pink purple	2 to 4	Native	B	Perennial
Erythronium americanum	Trout Lily	D	yellow	0.25-0.5	Native	B	Perennial
Eurybia divaricata	White Wood Aster	D	white	1 to 2.5	Native	A	Perennial
Eupatorium maculatum	Spotted Joe Pye Weed	D	pink/purple	3 to 5	Native	B	Perennial
Eupatorium perfoliatum	Common Boneset	D	white	0.25-0.5	Native	A	Perennial
Eutrochium purpureum	Joe Pye Weed	D	pink	5 to 7	Native	A	Perennial
Geranium maculatum	Spotted Geranium	D	pink purple	1.5 to 2	Native	A	Perennial

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Scientific Names	Common Names	D/SE/E	Flower	Ht. feet	Nativity	Deer Resistance	Groundcover/ Perennials
<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>Liatris spicata</i>	Blazing Star Liatris	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>Mimulus 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