

ICCWMA

Plants to Avoid & Native Alternatives

Vines & Groundcover:

<i>Plants to Avoid</i>	<i>Desirable Characteristics</i>	<i>Native Alternatives</i>
Periwinkle Myrtle (<i>Vinca spp.</i>)	<ul style="list-style-type: none"> • Drought tolerant • Evergreen • Groundcover 	<ul style="list-style-type: none"> • Bearberry (<i>Arctostaphylos uva-ursi</i>) • Wild Ginger (<i>Asarum canadensis</i>) • Creeping Juniper (<i>Juniperus horizontalis</i>) • One-flowered Dewberry (<i>Rubus enslenii</i>)
Winter Creeper (<i>Euonymus fortunei</i>)	<ul style="list-style-type: none"> • Drought tolerant • Evergreen • Groundcover 	<ul style="list-style-type: none"> • Wild Ginger (<i>Asarum canadensis</i>) • Bearberry (<i>Arctostaphylos uva-ursi</i>) • Virginia Creeper (<i>Parthenocissus quinquefolia</i>) • One-flowered Dewberry (<i>Rubus enslenii</i>)
English Ivy (<i>Hedera helix</i>)	<ul style="list-style-type: none"> • Drought tolerant • Evergreen • Groundcover 	<ul style="list-style-type: none"> • Plantain-leaved sedge (<i>Carex plantaginea</i>) • Bearberry (<i>Arctostaphylos uva-ursi</i>) • Creeping Juniper (<i>Juniperus horizontalis</i>) • One-flowered Dewberry (<i>Rubus enslenii</i>)
Lily of the valley (<i>Convallaria majalis</i>)	<ul style="list-style-type: none"> • Fragrant flowers 	<ul style="list-style-type: none"> • Red Honeysuckle (<i>Lonicera dioica</i>) • Yellow Honeysuckle (<i>Lonicera prolifera</i>) • Purple Passionflower (<i>Passiflora incarnata</i>)
Japanese Honeysuckle (<i>Lonicera japonica</i>)	<ul style="list-style-type: none"> • Fragrant flowers 	<ul style="list-style-type: none"> • Red Honeysuckle (<i>Lonicera dioica</i>) • Yellow Honeysuckle (<i>Lonicera prolifera</i>) • Purple Passionflower (<i>Passiflora incarnata</i>)
Oriental Bittersweet (<i>Celastrus orbiculatus</i>)	<ul style="list-style-type: none"> • Red/orange showy fruit 	<ul style="list-style-type: none"> • American Bittersweet (<i>Celastrus scandens</i>) • Running Strawberry (<i>Euonymus obovatus</i>) • Virginia Rose (<i>Rosa virginiana</i>) • Carolina Rose (<i>Rosa carolina</i>)
Air Potato (<i>Dioscorea bulbifera</i>)	<ul style="list-style-type: none"> • Fast-growing 	<ul style="list-style-type: none"> • Virgin's Bower (<i>Clematis virginiana</i>) • Riverbank Grape (<i>Vitis riparia</i>) • One-flowered Dewberry (<i>Rubus enslenii</i>)

Shrubs:

<i>Plants to Avoid</i>	<i>Desirable Characteristics</i>	<i>Native Alternatives</i>
Privet (<i>Ligustrum spp.</i>)	<ul style="list-style-type: none"> • Hedge/border plant • Fast-growing • Can be pruned and used in topiaries 	<ul style="list-style-type: none"> • Black Haw (<i>Viburnum prunifolium</i>) • Red Chokeberry (<i>Aronia arbutifolia</i>) • Black Chokeberry (<i>Aronia melanocarpa</i>) • Red-osier Dogwood (<i>Cornus sericea</i>) • Fragrant Sumac (<i>Rhus aromatica</i>)
Burning Bush (<i>Euonymus alatus</i> and <i>E. europaeus</i>)	<ul style="list-style-type: none"> • Fall foliage • Red/orange fruit 	<ul style="list-style-type: none"> • Eastern Wahoo (<i>Euonymus atropurpureus</i>) • Red Chokeberry (<i>Aronia arbutifolia</i>) • Black Chokeberry (<i>Aronia melanocarpa</i>)
Japanese Barberry (<i>Berberis thunbergii</i>)	<ul style="list-style-type: none"> • Fall foliage • Red fruit 	<ul style="list-style-type: none"> • Winterberry (<i>Ilex verticillata</i>) • Eastern Wahoo (<i>Euonymus atropurpureus</i>) • Red Chokeberry (<i>Aronia arbutifolia</i>) • Black Chokeberry (<i>Aronia melanocarpa</i>)
Mock Orange (<i>Philadelphus coronaries</i>)	<ul style="list-style-type: none"> • Fragrant flowers • Durable berries 	<ul style="list-style-type: none"> • Carolina Rose (<i>Rosa carolina</i>) • Virginia Rose (<i>Rosa virginiana</i>)
European High Bush Cranberry (<i>Viburnum opulus</i>)	<ul style="list-style-type: none"> • Red fruit • White flowers • Hardy, easy to grow 	<ul style="list-style-type: none"> • American Highbush Cranberry (<i>Viburnum trilobum</i>) • American Elderberry (<i>Sambucus canadensis</i>) • American Red Elderberry (<i>Sambucus pubens</i>) • Red Honeysuckle (<i>Lonicera dioica</i>) • Ninebark (<i>Physocarpus opulifolius</i>)
European Black Alder (<i>Alnus glutinosa</i>)	<ul style="list-style-type: none"> • Fruit fall/winter interest • Dry/wet soil tolerate 	<ul style="list-style-type: none"> • Witch Hazel (<i>Hamamelis virginiana</i>) • American Hazelnut (<i>Corylus americana</i>) • Red-osier Dogwood (<i>Cornus sericea</i>)
Autumn and Russian Olive (<i>Elaeagnus umbellatus</i> , <i>E. angustifolia</i>)	<ul style="list-style-type: none"> • Drought tolerate • Wildlife food source • Hedge/Border plant 	<ul style="list-style-type: none"> • Serviceberry (<i>Amelanchier arborea</i>, <i>A. laevis</i>) • Chokecherry (<i>Prunus virginiana</i>) • Silky willow (<i>Salix sericea</i>) • Red-osier dogwood (<i>Cornus sericea</i>) • Fragrant Sumac (<i>Rhus aromatica</i>)

Common and Glossy Buckthorn (<i>Rhamnus cathartica</i> , <i>R. frangula</i>)	<ul style="list-style-type: none"> • Hedge/Border plant 	<ul style="list-style-type: none"> • Hazelnut (<i>Corylus americana</i>) • Red-osier dogwood (<i>Cornus sericea</i>) • Black Haw (<i>Viburnum prunifolium</i>) • Common Juniper (<i>Juniperus communis</i>) • Fragrant Sumac (<i>Rhus aromatica</i>)
Bush Honeysuckle (<i>Lonicera spp.</i>)	<ul style="list-style-type: none"> • Fragrant flowers • Wildlife food source • Fast growing & replants after removal 	<ul style="list-style-type: none"> • Dwarf Honeysuckle (<i>Diervilla lonicera</i>) • Winterberry (<i>Ilex verticillata</i>) • Red Honeysuckle (<i>Lonicera dioica</i>) • American Elderberry (<i>Sambucus canadensis</i>) • American Red Elderberry (<i>Sambucus pubens</i>) • Spicebush (<i>Lindera benzoin</i>) • Early Low Blueberry (<i>Vaccinium angustifolium</i>) • Highbush Blueberry (<i>Vaccinium corymbosum</i>)
Multiflora Rose (<i>Rosa multiflora</i>)	<ul style="list-style-type: none"> • Wildlife food source • Snow fence and crash barrier on highways 	<ul style="list-style-type: none"> • Virginia Rose (<i>Rosa virginiana</i>) • Prickly Ash (<i>Xanthoxylum americanum</i>)
Southern Arrowwood (<i>Viburnum recognitum</i>)	<ul style="list-style-type: none"> • White flowers 	<ul style="list-style-type: none"> • Downy Arrowwood (<i>Viburnum rafinesquianum</i>) • Black Haw (<i>Viburnum prunifolium</i>) • Nannyberry (<i>Viburnum lentago</i>) • Maple-leaved Arrowwood (<i>Viburnum acerifolium</i>)
Rose of Sharon (<i>Hibiscus syriacus</i>)	<ul style="list-style-type: none"> • Showy/late season flowers 	<ul style="list-style-type: none"> • Shrubby St. John's Wort (<i>Hypericum prolificum</i>) • Shrubby Cinquefoil (<i>Potentilla fruticosa</i>) • New Jersey Tea (<i>Ceanothus americanus</i>) • Leadplant (<i>Amorpha canescens</i>) • American Elderberry (<i>Sambucus canadensis</i>)

Trees:

<i>Plants to Avoid</i>	<i>Desirable Characteristics</i>	<i>Native Alternatives</i>
Bradford Pear (<i>Pyrus calleryana</i>)	<ul style="list-style-type: none"> • Showy, white blooms 	<ul style="list-style-type: none"> • Flowering Dogwood (<i>Cornus florida</i>) • Black Cherry (<i>Prunus serotina</i>) • American Plum (<i>Prunus americana</i>)
Norway Maple (<i>Acer platanoides</i>)	<ul style="list-style-type: none"> • Fast growing • Shade tree • Replacement for Elms (Dutch elm disease) 	<ul style="list-style-type: none"> • American Elm (<i>Ulmus americana</i>) • <i>Ulmus</i> hybrids (disease resistant cultivars) • Sugar maple (<i>Acer saccharum</i>)
‘Arnot’ Bristly Locust (<i>Robinia hispida</i>)	<ul style="list-style-type: none"> • Showy flowers, stems, and fruits 	<ul style="list-style-type: none"> • Carolina Rose (<i>Rosa carolina</i>) • Virginia Rose (<i>Rosa virginiana</i>) • Serviceberry (<i>Amelanchier arborea</i>, <i>A. laevis</i>) • Flowering Dogwood (<i>Cornus florida</i>)
Black Locust (<i>Robinia pseudoacacia</i>)	<ul style="list-style-type: none"> • Durable, fast-growing • Erosion control and windbreaks 	<ul style="list-style-type: none"> • Bitternut Hickory (<i>Carya cordiformis</i>) • Red Hickory (<i>Carya ovalis</i>) • Bur Oak (<i>Quercus macrocarpa</i>) • Red Oak (<i>Quercus rubra</i>)
Washington Hawthorn (<i>Crataegus phaenopyrum</i>)	<ul style="list-style-type: none"> • Attractive fruit and flowers • Bright red fruit • Fall foliage 	<ul style="list-style-type: none"> • Downy Hawthorn (<i>Crataegus mollis</i>) • Scarlet Hawthorn (<i>Crataegus coccinea</i>) • Cockspur Hawthorn (<i>Crataegus crus-galli</i>)
Saw-tooth Oak (<i>Quercus acutissima</i>)	<ul style="list-style-type: none"> • Tolerates poor soil and drainage • Drought tolerant 	<ul style="list-style-type: none"> • Shingle Oak (<i>Quercus imbricaria</i>)
White Poplar (<i>Populus alba</i>)	<ul style="list-style-type: none"> • Hedge/Border tree • Silver bark and foliage • Easy to propagate 	<ul style="list-style-type: none"> • Paper Birch (<i>Betula papyrifera</i>) • Big Tooth Aspen (<i>Populus grandidentata</i>) • Quaking Aspen (<i>Populus tremuloides</i>)

Scotch Pine (<i>Pinus sylvestris</i>)	<ul style="list-style-type: none"> • Hedge/Border tree • Evergreen • Erosion control • Suitable for poor soils 	<ul style="list-style-type: none"> • White Pine (<i>Pinus strobus</i>) • Jack Pine (<i>Pinus banksiana</i>) • White Cedar (<i>Thuja occidentalis</i>)
White Mulberry (<i>Morus alba</i>)	<ul style="list-style-type: none"> • Shade tree • Wildlife food source 	<ul style="list-style-type: none"> • Red Mulberry (<i>Morus rubra</i>) • Sweet Gum (<i>Liquidambar styraciflua</i>)
Siberian Elm (<i>Ulmus pumila</i>)	<ul style="list-style-type: none"> • Fast-growing • Tolerant of wide ranges of conditions 	<ul style="list-style-type: none"> • American Elm (<i>Ulmus americana</i>) • <i>Ulmus</i> hybrids (disease resistant cultivars) • Hackberry (<i>Celtis occidentalis</i>)
Tree-of-Heaven (<i>Ailanthus altissima</i>)	<ul style="list-style-type: none"> • Fast-growing • Tolerant of wide ranges of conditions 	<ul style="list-style-type: none"> • Kentucky Coffee Tree (<i>Gymnocladus dioica</i>) • Yellowwood (<i>Cladrastis lutea</i>) • Staghorn Sumac (<i>Rhus typhina</i>) • Ironwood (<i>Ostrya virginiana</i>)

Grasses:

<i>Plants to Avoid</i>	<i>Desirable Characteristics</i>	<i>Native Alternatives</i>
Lyme Grass (<i>Leymus arenarius</i>)	<ul style="list-style-type: none"> • Look-a-like to native dune grass 	<ul style="list-style-type: none"> • American Beach Grass (<i>Ammophila breviligulata</i>)
Chinese Silver Grass (<i>Miscanthus spp.</i>)	<ul style="list-style-type: none"> • Strong vertical structure • Fall/winter interest 	<ul style="list-style-type: none"> • Switchgrass (<i>Panicum virgatum</i>) • Little Bluestem (<i>Schizachyrium scoparium</i>) • Indian Grass (<i>Sorghastrum nutans</i>) • Prairie Dropseed (<i>Sporobolus heterolepis</i>)

Forbs:

<i>Plants to Avoid</i>	<i>Desirable Characteristics</i>	<i>Native Alternatives</i>
Purple Loosestrife (<i>Lythrum salicaria</i>)	<ul style="list-style-type: none"> • Showy flowers 	<ul style="list-style-type: none"> • Dense Blazing Star (<i>Liatris spicata</i>) • Prairie Ironweed (<i>Vernonia fasciculata</i>) • Swamp Milkweed (<i>Asclepias incarnata</i>) • Cardinal Flower (<i>Lobelia cardinalis</i>)

Money Plant (<i>Lunaria annua</i>)	<ul style="list-style-type: none"> • Spring flowers • Showy fruit 	<ul style="list-style-type: none"> • Wild Geranium (<i>Geranium maculatum</i>) • Woodland Phlox (<i>Phlox divaricata</i>) • Wild Lupine (<i>Lupinus perennis</i>) • Virginia Bluebells (<i>Mertensia virginica</i>)
Narrow-leaf Cattails (<i>Typha angustifolia</i>)	<ul style="list-style-type: none"> • Stabilize pond edges • Accent plant 	<ul style="list-style-type: none"> • Broad-leaf Cattail (<i>Typha latifolia</i>) • American Bur Reed (<i>Sparganium americanum</i>)
Dame's Rocket (<i>Hesperis matronalis</i>)	<ul style="list-style-type: none"> • Spring flowers • Included in wildflower seed mixes 	<ul style="list-style-type: none"> • Woodland Phlox (<i>Phlox divaricata</i>) • Wild Lupine (<i>Lupinus perennis</i>) • Wild Geranium (<i>Geranium maculatum</i>) • Virginia Bluebells (<i>Mertensia virginica</i>)
Yucca (<i>Yucca glauca</i>)	<ul style="list-style-type: none"> • Hardy plant • Showy, white flowers 	<ul style="list-style-type: none"> • Rattlesnake Master (<i>Eryngium yuccifolium</i>)
Yellow Iris (<i>Iris pseudacorus</i>)	<ul style="list-style-type: none"> • Showy flowers • Fairly easy to established 	<ul style="list-style-type: none"> • Virginia Iris (<i>Iris virginica</i>) • Blue Flag Iris (<i>Iris virginica</i> var. <i>shrevei</i>)
Orange Daylily (<i>Hemerocallis fulva</i>)	<ul style="list-style-type: none"> • Showy, orange flowers • Fairly easy to established • Hardy plant 	<ul style="list-style-type: none"> • Butterfly Weed (<i>Asclepias tuberosa</i>) • Michigan Lily (<i>Lilium michiganense</i>) • Prairie Lily (<i>Lilium philadelphicum</i>)
Leafy Spurge (<i>Euphorbia esula</i>)	<ul style="list-style-type: none"> • Showy bracts 	<ul style="list-style-type: none"> • Blunt-leaved Spurge (<i>Euphorbia obtusata</i>)
Japanese Knotweed (<i>Polygonum cuspidatum</i>)	<ul style="list-style-type: none"> • Fast growing • Tolerant of wide range of conditions • Erosion control • Plumes of white flowers 	<ul style="list-style-type: none"> • Hemp Dogbane (<i>Apocynum cannabinum</i>) • Red-osier Dogwood (<i>Cornus sericea</i>) • Early Low Blueberry (<i>Vaccinium angustifolium</i>) • Maple Leaf Viburnum (<i>Viburnum acerifolium</i>)

USDA has a plant database website to refer to on native and non-native status by state and known populations by counties. <http://plants.usda.gov/java/>

Know what is in wildflower and a native seed mixes prior to installation on sites. Several non-native species have been included in these seed mixes either haphazardly and/or purposely. Below are several examples of non-natives found in wildflower seed mixes:

- Baby's Breath (*Gypsophila paniculata*)
- Bachelor's Button (*Centaurea cyanus*)
- Dame's Rocket (*Hesperis matronalis*)

- Yellow Toadflax (*Linaria vulgaris*)
- Yarrow (*Achillea millefolium*)
- Japanese Hops (*Humulus japonicus*)

Here are reference to native plant nurseries to consult on for native seed and plants.

Cardno/JFNew
 708 Roosevelt Rd., Walkerton, IN 46574
 574.586.2412 (Native Plant Nursery)
nurserysales@cardno.com
www.cardnojfnew.com

Spence Restoration Nursery
 2220 East Fuson Rd., Muncie, IN 47302
 765.286.7154
Kevin@spencenursery.com
www.spencenursery.com

Native Connections (seed only)
 17080 Hoshel Rd., Three Rivers, MI 49093
 269.580.4765
Jerry@nativeconnections.net
www.nativeconnections.net

Possibility Place Nursery
 7548 W. Monee-Manhattan Rd., Monee, IL 60449
 708.534.3988
www.possibilityplace.com

Pizzo Native Plant Nursery
 10729 Pine Rd., Leland, IL 60531
 815.826.0566
www.pizzonursery.com

The Natural Garden Natives*
 38W443 Highway 64, St. Charles, IL 60175
 630.584.0432
gardeninfo@naturalgardennatives.com
www.thenaturalgardeninc.com

*warning: they also sell ornamentals that could be considered invasive