

Alternatives to Ornamental Invasive Plants

A sustainable solution for Long Island horticulture

Long Island, NY is one of many locations throughout the U.S. that has taken progressive steps towards improving the environment by reducing the spread of invasive plants. Invasive plants have damaged Long Island's unique woodlands by replacing native flora, and in turn, negatively impacting wildlife and natural ecosystem processes. Invasive species are among the top causes of biodiversity loss across the globe.

You can be part of the solution, by growing and planting alternatives to ornamental invasive plants! These plants were selected based upon their similar ornamental characteristics and cultural requirements compared to the invasives. Alternative plants may be native or non-native, but are not invasive. Alternative plants are well-adapted to Long Island, and many are readily available at Long Island nurseries. You can help make the future of Long Island greener by growing these "native-friendly" plants!

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For more information, visit:

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Alternatives: Eastern Baccharis



'Heavy Metal' Switchgrass



'Kobold' Dense Blazing Star



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Cornell Cooperative Extension of Suffolk County provides equal program and employment opportunities.

Please contact the Cornell Cooperative Extension of Suffolk County office if you have any special needs.

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Invasive Plants Banned on Long Island & Their Alternatives

(Plants on the Do Not Sell List)

The Do Not Sell List

The Do Not Sell List consists of over 60 of the worst invasive plants! Species on the Do Not Sell List are “very highly invasive” or “highly invasive” according to the independent scientific review committee. It is illegal to sell, transport, distribute, or propagate species on the Do Not Sell List in both Nassau and Suffolk Counties. Listed on this page and the opposite page, are plants on the Do Not Sell List with their respective ban dates. Listed beneath each invasive species, are suggested alternatives.

Norway Maple 1/1/2013

Acer platanoides

Freeman Maple**

Acer x freemanii

Red Maple**

Acer rubrum

Sugar Maple**

Acer saccharum

Lacebark Elm

Ulmus parvifolia

For red cultivars of *A. platanoides* including ‘Crimson King’ and ‘Royal Red’ 1/1/2016:

Eastern Redbud*

Cercis canadensis
(Purple cultivars)

European Beech

Fagus sylvatica
(Purple cultivars)

Chokecherry**

Prunus virginiana
(Purple cultivars)

Porcelain-berry 1/1/2009

Ampelopsis

brevipedunculata

Bodinier or Purple Beautyberry

Callicarpa bodinieri
C. dichotoma

Trumpet Honeysuckle**

Lonicera sempervirens

Coralberry*

Symphoricarpos orbiculatus & hybrids

Japanese Angelica Tree

1/1/2009

Aralia elata

For variegated cultivars of *A. elata*:

Pagoda Dogwood**

Cornus alternifolia
(Variegated cultivars)

Kousa Dogwood

Cornus kousa
(Variegated cultivars)

Staghorn Sumac**

Rhus typhina
(Cutleaf cultivars)

Japanese Barberry

1/1/2014

Berberis thunbergii

For dwarf purple cultivars of *B. thunbergii*:

Old Fashioned Weigela

Weigela florida
(Dwarf purple cultivars)

For standard purple cultivars of *B. thunbergii*:

Smokebush

Cotinus coggygria
(Purple cultivars)

Eastern Ninebark**

Physocarpus opulifolius
(Purple cultivars)

Old Fashioned Weigela

Weigela florida
(Standard purple cultivars)

For yellow or gold cultivars of *B. thunbergii*:

Glossy Abelia

Abelia x grandiflora
(Yellow cultivars)

Border or Greenstem Forsythia

Forsythia x intermedia
F. viridissima
(Yellow cultivars)

Boxleaf Honeysuckle

Lonicera nitida
(Yellow cultivars)

Old Fashioned Weigela

Weigela florida
(Yellow cultivars)

For green cultivars of *B. thunbergii*:

Cranberry Cotoneaster

Cotoneaster apiculatus

Bush Cinquefoil**

Potentilla fruticosa

Fragrant Sumac**

Rhus aromatica
(Dwarf cultivars)

Old Fashioned Weigela

Weigela florida

Sweetautumn Clematis or Japanese Virgin's Bower

1/1/2011

Clematis terniflora

Anemone Clematis

Clematis montana

Virgin's Bower**

Clematis virginiana

Climbing Hydrangea

Hydrangea anomala subsp. *petiolaris*

Autumn-olive 1/1/2009

Elaeagnus umbellata

Eastern Baccharis**

Baccharis halimifolia

Sweetfern**

Comptonia peregrina

Northern Bayberry**

Morella pensylvanica

Winged Euonymus or Burning Bush 1/1/2016

Euonymus alatus

Red** or Black** Chokeberry

Aronia arbutifolia
A. melanocarpa

Dwarf*, Hybrid*, or Large* Fothergilla

Fothergilla gardenii
F. x intermedia
F. major

Virginia Sweetpire*

Itea virginica

Doublefile Viburnum

Viburnum plicatum var. *tomentosum*



A great alternative – Trumpet Honeysuckle

Wintercreeper Euonymus

1/1/2013

Euonymus fortunei

For the groundcover habit of *E. fortunei*:

Bearberry**

Arctostaphylos uva-ursi

Bearberry Cotoneaster

Cotoneaster dammeri

Willowleaf Cotoneaster

Cotoneaster salicifolius
(Low-growing cultivars)

Creeping Raspberry

Rubus calycinoides (*Rubus pentalobus*)

For the shrub habit of *E. fortunei*:

Dwarf Japanese Aucuba

Aucuba japonica
(Dwarf cultivars)

Japanese Skimmia

Skimmia japonica

Yellow Flag Iris 1/1/2012

Iris pseudacorus

Louisiana Irises*

Iris spp.
(Yellow flowering cultivars)

Japanese Iris

Iris ensata

Blueflag Iris**

Iris versicolor

Bell, Amur, Morrow, and Tatarian Shrub

Honeysuckle 1/1/2011

Lonicera x bella

L. maackii

L. morrowii

L. tatarica

Deutzia

Deutzia spp.

Beautybush

Kolkwitzia amabilis

Mockorange* (some species native to U.S.)

Philadelphus spp.

Nippon or Vanhoutte Spirea

Spiraea nipponica
S. x vanhouttei

Japanese Honeysuckle

1/1/2011

Lonicera japonica

Crossvine*

Bignonia capreolata

Carolina Yellow Jessamine*

Gelsemium sempervirens
(Cold hardy cultivars)

Goldflame Honeysuckle

Lonicera x heckrottii

Trumpet Honeysuckle**

Lonicera sempervirens

Purple Loosestrife 1/1/2009

Lythrum salicaria

Meadowsweet

Filipendula purpurea
*F. rubra**

Dense Blazing Star*

Liatris spicata

Obedient Plant**

Physostegia virginiana

Perennial Sage

Salvia nemorosa (*S. x superba*; *S. x sylvestris*)

Japanese Silver Grass or Maiden Grass 1/1/2016

Miscanthus sinensis

Feather Reed Grass

Calamagrostis x acutiflora

Korean Feather Reed Grass

Calamagrostis brachytricha

Pink Muhly Grass**

Muhlenbergia capillaris

Switchgrass**

Panicum virgatum

Amur Corktree 1/1/2013

Phellodendron amurense

Honeylocust*

Gleditsia triacanthos var. *inermis*

Kentucky Coffeetree**

Gymnocladus dioica

Lacebark Elm

Ulmus parvifolia

Black Locust 1/1/2013

Robinia pseudoacacia

For gold cultivars of *R. pseudoacacia*:

Honeylocust*

Gleditsia triacanthos var. *inermis*
(Gold cultivars)

The

Native-Friendly Garden

Come check out some of these alternative plants at Cornell University's Long Island Horticultural Research & Extension Center! A small, "Native-Friendly" Garden was created as a research and demonstration site for horticulture professionals & homeowners. Visit us at:

3059 Sound Avenue
Riverhead, NY 11901
631-727-3595

The Native-Friendly Garden was designed and installed by Alexis Alvey, Nursery & Landscape Specialist for Cornell Cooperative Extension of Suffolk County.



A great alternative – Blueflag Iris

Did you know?

Invasive plants also pose a serious threat to Long Island's local economy. Expensive invasive plant control measures need to be taken in order to maintain the value and beauty of Long Island's numerous parks, golf courses, water bodies, and farms.

Moderately Invasive Plants NOT Banned on Long Island & Their Alternatives (Plants on the Management List)

The Management List

The Management List consists of over 80 invasive plants. Although not as highly invasive as plants on the Do Not Sell List, it is *recommended* that these plants are not planted on Long Island, especially by county agencies or for homes near natural habitats. Species on the Management List are “moderately invasive” according to the independent scientific review committee.

Amur Maple *Acer ginnala*

- Trident Maple**
Acer buergerianum
- Red Budkeye***
Aesculus pavia
- Eastern Redbud***
Cercis canadensis

Russian-olive *Elaeagnus angustifolia*

- Chinese or White* Fringetree**
Chionanthus retusus
C. virginicus
- Corkscrew Willow**
Salix matsudana
- Chastetree**
Vitex agnus-castus

English Ivy *Hedera helix*

- Crossvine***
Bignonia capreolata
- Carolina Yellow Jessamine***
Gelsemium sempervirens
(Cold hardy cultivars)
- Climbing Hydrangea**
Hydrangea anomala subsp. *petiolaris*
- Japanese Hydrangea-vine**
Schizophragma hydrangeoides

Creeping Jenny or Moneywort

Lysimachia nummularia

- Green and Gold***
Chrysogonum virginianum
- Spotted Dead Nettle**
Lamium maculatum
- Creeping Mazus**
Mazus reptans
- Siberian Barren-strawberry**
Waldsteinia ternata

For gold cultivars of *L. nummularia*:

- Coral* or Foamy Bells**
Heuchera
X Heucherella
(Gold cultivars)
- Goldmoss Stonecrop**
Sedum acre
- Japanese Stonecrop**
Sedum makinoi
(Gold cultivars)
- Creeping Speedwell**
Veronica prostrata
V. repens
(Gold cultivars)

Running Bamboo † *Phyllostachys* spp.

(including *P. aurea*, *P. aureosulcata*, and *P. nigra*)

- Clumping Bamboo**
Fargesia spp.

Japanese Black Pine *Pinus thunbergii*

- Limber Pine***
Pinus flexilis
- Japanese White Pine**
Pinus parviflora
- Pitch Pine****
Pinus rigida

Callery Pear *Pyrus calleryana*

- Downy**, Apple**, or Allegheny****
Serviceberry
Amelanchier arborea
A. x grandiflora
A. laevis
- Hybrid Dogwood**
Cornus spp.
- Green Hawthorn***
Crataegus viridis
- Loebner or Star Magnolia**
Magnolia x loebneri
M. stellata

Rugosa Rose *Rosa rugosa*

- Bush Cinquefoil****
Potentilla fruticosa
- Beach Plum****
Prunus maritima
- Shrub Roses**
Rosa spp.
- Virginia Rose****
Rosa virginiana

Common Periwinkle *Vinca minor*

- Barrenwort**
Epimedium x perralchicum
E. x versicolor
- Creeping Mazus**
Mazus reptans
- Creeping Phlox***
Phlox stolonifera
- Dwarf Sweetbox**
Sarcococca hookeriana var. *humilis*

Japanese and Chinese Wisteria *Wisteria floribunda* *W. sinensis*

- Climbing Hydrangea**
Hydrangea anomala subsp. *petiolaris*
- Japanese Hydrangea-vine**
Schizophragma hydrangeoides
- American Wisteria***
Wisteria frutescens



A great alternative – American Wisteria

*Native to the United States ** Native to New York State (hybrids and cultivars of native species included)

†Check local laws to see if there are further restrictions on running and clumping bamboos in a specific municipality.