New York Native Plant Supply Priority List

Executive Summary

- Senate Bill S794, colloquially known as the Native Seed Bill, directs the commissioners of DEC, AGM, and ESD to create a list of plant species that a) warrant a statewide **increase in production and utilization**, and b) are to be **used by the state** whenever possible and practicable managing public lands, implementing reforestation efforts, and in other relevant projects.
- The Agencies were instructed to **develop this list** of "seeds eligible for consideration to participate in [the New York Native Plant Seed Supply, Development, and Enhancement Program]" and **use by DEC/AGM in listed activities one year after the legislation took effect** (which is Dec. 21st, 2025).
- DEC Division of Lands and Forests & Division of Fish and Wildlife, AGM Seed Analysts & Plant Industry Department staff, OPRHP Division of Environmental Stewardship and Planning staff evaluated plant species for:
    - **vulnerabilities** to forest health threats and climate change, removing species that are significantly at risk to pests and diseases (i.e. ash, laurel oak), or in the case of herbaceous, for historically over-collected seeds, prior rare status, or other seed collection issues,
    - their **adaptability** to anticipated and realized climate changes, including heat tolerance, drought tolerance, and other factors (herbaceous species' adaptability only predicted based on current range due to lack of data),
    - **carbon banking** potential of trees and shrubs, including short-term sequestration and long-term storage,
    - **pollinator** and **wildlife** habitat values,
    - **production feasibility** for herbaceous species, particularly ease of breaking seed collection, germination, production, and viability,
    - and **commercial** demand, particularly prevalence of species in reforestation or restoration projects and sales at public and commercial vendors.
- The above criteria were aggregated to assign numeric scores of "**opportunity**" (i.e. positive criteria like climate adaptability or pollinator value) and "**demand**." Species with high opportunity scores and low demand (i.e. "it would be beneficial to see more of these in the pipeline"), as well as high opportunity scores with medium-to-high demand, were primarily considered for the priority list.
- **48 tree and shrub** species and **201 herbaceous** plant species are recommended to prioritize for production and utilization increase.

- The USDA Plant Hardiness Zones are denoted for each species of tree and shrub on the priority list, which can help guide **where plants would thrive at the regional level**.

Priority Lists

TREE AND SHRUB SPECIES							
Latin Name	***Common Name***						
	USDA Plant Hardiness Zone	*3*	*4*	*5*	*6*	*7*	*8-9**
Quercus muehlenbergii	yellow oak, chinquapin oak		X	X	X	X	
Pinus strobus	white pine	X	X	X	X	X	X
Quercus alba	white oak	X	X	X	X	X	X
Decodon verticillatus	water willow		X	X	X	X	X
Rosa virginiana	Virginia rose	X	X	X	X	X	
Liriodendron tulipifera	tulip tree, tulip poplar, yellow poplar			X	X	X	X
Larix laricina	tamarack	X	X	X			
Liquidambar styraciflua	Sweetgum			X	X	X	X
Magnolia virginiana	Sweetbay**			X	X	X	X
Quercus bicolor	swamp white oak		X	X	X		
Acer saccharum	sugar maple	X	X	X	X	X	X
Rhus typhina	staghorn sumac	X	X	X	X	X	X
Dasiphora fruticosa	shrubby cinquefoil	X	X	X	X		
Pinus echinata	shortleaf pine			X	X	X	X
Carya ovata var. ovata	shagbark hickory		X	X	X	X	X
Crataegus schuettei var. schuettei	Schuette’s hawthorn	X	X				
Quercus coccinea	scarlet oak		X	X	X	X	X
Sassafras albidum	sassafras		X	X	X	X	X
Salix interior	sandbar willow	X	X	X	X		

Pinus resinosa	red pine	X	X	X			
Aronia arbutifolia	red chokeberry	X	X	X	X	X	X
Populus tremuloides	trembling aspen, quaking aspen	X	X	X	X		
Quercus palustris	pin oak		X	X	X	X	X
Carya glabra	pignut hickory		X	X	X	X	X
Cornus alternifolia	pagoda dogwood, alternate-leaved dogwood	X	X	X	X	X	
Quercus rubra	northern red oak	X	X	X	X	X	X
Sorbus decora	northern mountain ash	X	X	X	X		
Celtis occidentalis	northern hackberry		X	X	X	X	X
Salix petiolaris	meadow willow	X	X	X	X		
Crataegus holmesiana	Holmes's hawthorn	X	X				
Hudsonia ericoides	golden heather		X	X	X	X	
Crataegus intricata	entangled hawthorn	X	X				
Platanus occidentalis	eastern sycamore		X	X	X	X	X
Quercus prinoides	dwarf chestnut oak		X	X	X	X	X
Acer rubrum var. rubrum	common red maple	X	X	X	X	X	X
Diospyros virginiana	common persimmon		X	X	X	X	X
Quercus montana	chestnut oak	X	X	X	X	X	X
Quercus pagoda	cherrybark oak**				X	X	X
Quercus macrocarpa	bur oak	X	X	X	X	X	X
Nyssa sylvatica	blackgum, sourgum		X	X	X	X	X
Juglans nigra	black walnut		X	X	X	X	X
Quercus velutina	black oak		X	X	X	X	X
Carya cordiformis	bitternut hickory	X	X	X	X	X	X
Populus grandidentata	big-toothed aspen	X	X	X	X		

Ilex opaca var. opaca	American holly			X	X	X	X
Tilia americana var. americana	American basswood	X	X	X	X	X	X

*Zones 8-9 are intended to represent the shifting of hardiness zones due to climate change. Most of New York State currently falls within zones 3b and 7a.

** Species eligible for the list, as defined by the Bill, include non-invasive plants native to the northeastern United States that are likely to shift or expand their range into New York State due to climate change.

HERBACEOUS SPECIES ***Latin Name***	***Common Name***
Achillea millefolium	common yarrow
Actaea pachypoda	white baneberry, doll's eyes
Agrimonia gryposepala	common agrimony
Agrimonia striata	roadside agrimony
Agrostis perennans	autumn bent
Agrostis scabra	northern tickle grass
Anaphalis margaritacea	pearly everlasting
Andropogon gerardi	big bluestem
Anemone canadensis	Canada anemone
Anemone cylindrica	long-headed anemone
Anemone virginiana	tall anemone, thimbleweed
Apocynum androsaemifolium	spreading dogbane
Apocynum cannabinum	Indian hemp
Aquilegia canadensis	wild columbine, red columbine
Arisaema triphyllum	common Jack-in-the-pulpit
Asclepias exaltata	forest milkweed
Asclepias incarnata ssp. incarnata	western swamp milkweed
Asclepias incarnata ssp. pulchra	eastern swamp milkweed
Asclepias syriaca	common milkweed
Asclepias tuberosa	butterfly weed
Avenella flexuosa	common hair grass
Baptisia tinctoria	wild indigo

Bidens cernua	nodding beggar ticks
Bidens frondosa	devil's beggar ticks
Bidens vulgata	tall beggar ticks
Boehmeria cylindrica	false nettle
Bromus pubescens	Canada brome
Calamagrostis canadensis var. canadensis	Canada bluejoint grass
Campanula rotundifolia	harebell
Cardamine concatenata	cut-leaved toothwort
Carex albursina	white bear sedge
Carex annectens	yellow-fruited sedge
Carex appalachica	Appalachian sedge
Carex bebbii	Bebb's sedge
Carex blanda	common woodland sedge
Carex bromoides ssp. bromoides	brome-like sedge
Carex canescens ssp. canescens	typical hoary sedge
Carex cephalophora	oval-headed sedge
Carex communis var. communis	common sedge
Carex comosa	bristly sedge
Carex crinita var. crinita	common fringed sedge
Carex cristatella	crested sedge
Carex flava	large yellow sedge
Carex gracillima	graceful sedge
Carex granularis	limestone meadow sedge
Carex grayi	Gray's sedge
Carex gynandra	nodding sedge
Carex hystericina	porcupine sedge
Carex intumescens	bladder sedge
Carex lupulina	hop sedge
Carex lurida	sallow sedge
Carex normalis	large straw sedge
Carex pensylvanica	Pennsylvania sedge
Carex radiata	narrow-leaved upland star sedge
Carex rosea	common upland star sedge
Carex scoparia	pointed broom sedge
Carex siccata	dry-spiked sedge
Carex sparganioides	bur-reed sedge
Carex stipata var. stipata	awl-fruited sedge

Carex stricta	tussock sedge
Carex swanii	Swan’s sedge
Carex tenera	slender sedge
Carex tribuloides var. tribuloides	blunt broom sedge
Carex vesicaria	lesser bladder sedge
Carex vulpinoidea	fox sedge
Chamaenerion angustifolium ssp. circumvagum	fireweed
Chelone glabra	white turtlehead
Cinna arundinacea	stout woodreed
Cinna latifolia	drooping woodreed
Clematis virginiana	virgin’s bower
Danthonia spicata	poverty grass
Desmodium canadense	showy tick trefoil
Desmodium paniculatum	panicled tick trefoil
Doellingeria umbellata var. umbellata	tall flat-topped white aster
Echinochloa muricata var. muricata	long-awned American barnyard grass
Elymus canadensis var. canadensis	Canada wild rye
Elymus hystrix var. hystrix	bottlebrush grass
Elymus riparius	eastern riverbank wild rye
Elymus trachycaulus ssp. glaucus	blue-green wheat grass
Elymus villosus var. villosus	downy wild rye
Elymus virginicus var. virginicus	Virginia wild rye
Epilobium ciliatum ssp. ciliatum	fringed willowherb
Epilobium coloratum	eastern willowherb
Eragrostis spectabilis	purple love grass
Erigeron annuus	annual daisy fleabane
Erigeron philadelphicus var. philadelphicus	Philadelphia fleabane
Eupatorium perfoliatum	boneset
Eurybia divaricata	white wood aster
Eurybia macrophylla	large-leaved aster
Euthamia graminifolia	common flat-topped goldenrod
Eutrochium fistulosum	hollow Joe Pye weed
Eutrochium maculatum var. maculatum	spotted Joe Pye weed
Eutrochium purpureum var. purpureum	purple Joe Pye weed
Festuca subverticillata	nodding fescue
Fragaria vesca ssp. americana	American woodland strawberry

Fragaria virginiana ssp. virginiana	common wild strawberry
Geranium maculatum	wild geranium
Geum canadense	white avens
Geum fragarioides	barren strawberry
Geum rivale	purple avens, water avens
Glyceria canadensis	rattlesnake manna grass
Glyceria grandis var. grandis	American manna grass
Glyceria melicaria	slender manna grass
Glyceria striata	fowl manna grass
Helenium autumnale	common sneezeweed
Helianthus decapetalus	thin-leaved sunflower
Helianthus divaricatus	woodland sunflower
Helianthus giganteus	tall sunflower
Helianthus strumosus	rough sunflower
Heliopsis helianthoides ssp. helianthoides	smooth oxeye
Hylodesmum glutinosum	pointed-leaved tick trefoil
Hylodesmum nudiflorum	naked tick trefoil
Hypericum punctatum	spotted St. John’s wort
Impatiens capensis	spotted jewelweed, spotted touch-me-not
Impatiens pallida	pale jewelweed, pale touch-me-not
Ionactis linariifolia	stiff-leaved aster
Iris versicolor	blue flag
Juncus acuminatus	sharp-fruited rush
Juncus dudleyi	Dudley’s rush
Juncus effusus ssp. solutus	common soft rush
Juncus tenuis	path rush
Leersia oryzoides	rice cut grass
Leersia virginica	white cut grass
Lespedeza capitata	round-headed bush clover
Lobelia cardinalis	cardinal flower
Lobelia inflata	Indian tobacco
Lobelia siphilitica var. siphilitica	great blue lobelia
Lonicera hirsuta	hairy honeysuckle
Ludwigia alternifolia	alternate-leaved seed-box
Lycopus americanus ssp. americanus	American bugleweed, American water horehound
Maianthemum racemosum	false Solomon’s seal

Mimulus ringens	Allegheny monkey flower
Monarda didyma	Oswego tea, beebalm
Monarda fistulosa var. fistulosa	common wild bergamot
Monarda punctata var. villicaulis	hairy horse mint
Oenothera biennis	common evening primrose
Oenothera perennis	small sundrops
Packera aurea	golden ragwort
Panicum virgatum	switch grass
Penstemon hirsutus	hairy beardtongue
Phryma leptostachya	lopseed
Poa alsodes	grove blue grass
Poa palustris	fowl blue grass
Podophyllum peltatum	may apple
Pseudognaphalium obtusifolium	fragrant rabbit tobacco
Pycnanthemum tenuifolium	narrow-leaved mountain mint
Pycnanthemum virginianum	Virginia mountain mint
Ranunculus fascicularis	early buttercup, early crowfoot
Rudbeckia laciniata var. laciniata	green-headed coneflower
Sanguisorba canadensis	Canadian burnet
Schizachne purpurascens	false melic grass
Schizachyrium scoparium var. scoparium	little bluestem
Schoenoplectus tabernaemontani	soft-stemmed bulrush
Scirpus atrocinctus	black-girdled wool grass
Scirpus atrovirens	dark-green bulrush
Scirpus cyperinus	common wool grass
Scirpus hattorianus	mosquito bulrush
Scirpus pedicellatus	stalked wool grass
Scrophularia lanceolata	lance-leaved figwort
Sisyrinchium angustifolium	narrow-leaved blue-eyed grass
Solidago altissima ssp. altissima	tall goldenrod
Solidago arguta	cut-leaved goldenrod
Solidago bicolor	silver rod
Solidago caesia var. caesia	blue-stemmed goldenrod, wreath goldenrod
Solidago flexicaulis	zigzag goldenrod
Solidago gigantea	swamp goldenrod
Solidago juncea	early goldenrod
Solidago nemoralis ssp. nemoralis	gray goldenrod

Solidago odora	sweet goldenrod
Solidago patula	rough-leaved goldenrod
Solidago rugosa var. rugosa	common wrinkle-leaved goldenrod
Solidago sempervirens	northern seaside goldenrod
Sorghastrum nutans	Indian grass
Sparganium americanum	American bur-reed
Sparganium eurycarpum	giant bur-reed
Sphenopholis intermedia	slender wedge grass
Symphyotrichum cordifolium	heart-leaved aster
Symphyotrichum ericoides var. ericoides	heath aster
Symphyotrichum firmum	glossy-leaved aster
Symphyotrichum laeve var. laeve	smooth aster
Symphyotrichum lanceolatum var. lanceolatum	lance-leaved aster
Symphyotrichum lateriflorum	calico aster
Symphyotrichum novae-angliae	New England aster
Symphyotrichum novi-belgii var. novi-belgii	common New York aster
Symphyotrichum pilosum var. pilosum	frostweed aster
Symphyotrichum praealtum	willow-leaved aster
Symphyotrichum prenanthoides	crooked-stemmed aster
Symphyotrichum puniceum var. puniceum	purple-stemmed aster
Symphyotrichum urophyllum	arrow-leaved aster
Tephrosia virginiana	goat’s rue
Teucrium canadense	American germander
Thalictrum pubescens	tall meadow rue
Tiarella stolonifera	foamflower
Torreyochloa pallida var. pallida	pale false manna grass
Tridens flavus var. flavus	purpletop
Turritis glabra	tower mustard
Verbena hastata	blue vervain
Verbena urticifolia	white vervain
Viola sororia	common blue violet
Viola striata	striped violet, pale violet
Zizia aurea	common golden Alexanders

Important Documents

NY State Senate Bill 2025-S794 (Chapter Amendment with final language, signed by Governor on Feb. 14, 2025)

NY State Senate Bill 2023-S7849 (Original Legislation, signed by Governor on Dec. 21, 2024)