Coastal Site Mix Example

This is an example of a native seed mix suitable for upland mesic sites.

It provides percentages for each species. These percentages are just a guide. It is recommended that the seed companies with whom you work determine the correct percentages for each species

The colored bands on the right indicate the color of the flowers and the species' bloom period.

Exclusions indicate the species is of conservation concern for that particular state and should not be included in a mix for that state.

Species in blue are for specialist pollinators and may be harder to find producers.

Botanical Name	Common Name	% of mix	Exclusions	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Elymus virginicus	common eastern wild-rye	20									
Apocynum cannabinum	hemp dogbane	0.2									
Juncus tenuis	path rush	0.7									
Carex crinita	fringed sedge	2.7									
Carex stricta	tussock sedge	0.7									
Zizia aurea	common golden Alexanders	2									
Eutrochium dubium	coastal plain Joe-Pye weed	0.1									
Eutrochium fistulosum	hollow Joe-Pye weed	0.1	ME, NH								
Scutellaria lateriflora	mad dog skullcap	0.8									
Carex Iurida	sallow sedge	8									
Carex vulpinoidea	common fox sedge	15.7									
Asclepias incarnata	swamp milkweed	2.7									
Impatiens capensis	jewelweed	0.8									
Mimulus ringens	monkeyflower	0.4									
Scutellaria galericulata	hooded skullcap	0.8									
Vernonia noveboracensis	New York Ironweed	1.3									
Carex scoparia	pointed broom sedge	7.3									
Scripus hattorianus	Northern bulrush	0.4									
Desmodium canadense	showy tick-trefoil	2									
Symphyotrichum novae-angliae	New England American-aster	1.3									
Panicum virgatum	switch panicgrass	12.5	VT								
Juncus effusus	common soft rush	2									
Chelone glabra	white turtlehead	1									
Eutrochium maculatum	spotted Joe-Pye weed	0.1									
Eupatorium perfoliatum	boneset thoroughwort	0.7									
Cirsium muticum	swamp thistle	0.5	VT								
Helenium autumnale	fall sneezeweed	0.7	ME, VT								

Coastal Site Mix Example

This is an example of a native seed mix suitable for upland mesic sites.

It provides percentages for each species. These percentages are just a guide. It is recommended that the seed companies with whom you work determine the correct percentages for each species

The colored bands on the right indicate the color of the flowers and the species' bloom period.

Exclusions indicate the species is of conservation concern for that particular state and should not be included in a mix for that state.

Species in blue are for specialist pollinators and may be harder to find producers.

Botanical Name	Common Name	% of mix	Exclusions	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Scirpus cyperinus	common woolsedge, woolgrass	0.4									
Euthamia graminifolia	flat-top goldentop	0.2	ME								
Tridens flavus	purple top	12.3									
Solidago rugosa	common wrinkle-leaved golder	0.8									
Solidago sempervirens	seaside goldenrod	0.8									
		100									

Composing Coastal Mix

When composing a seed mix, it is important that a seed mix consists of sequential blooms throughout the growing season. However, some species may not be available. Therefore, the list is separated into cover crops, grasses, and wildflowers. For cover crops, select the one appropriate for the time periods indicated in Column B. For grasses, make sure the mix includes those species that are essential to any Northeastern mix. However, it is best that a mix includes at least 5 species of grass species. Wildflower species are divided into groups based on similar bloom times. When composing together a mix, choose at least 3 to 5 species from each flowering period. However, for bloom periods with large numbers of multiple species from a particular genus, such as *Soliago* and *Symphyotrichum* in the late summer, avoid selecting only species from those genera.

Cover crops			
Secale cereale	Use from September 1 to April 30	30 lbs/acre	
Echinochloa esculenta	Use from May 1 to July 31	10 lbs/acre	
Grasses (Graminoids)			
(Species colored green are essenti	al to a mix)		
Botanical Name	Common Name		
Andropogon gerardii	big bluestem		
Elymus virginicus	Virginia wildrye		
Carex crinita	fringed sedge		
Carex lurida	sallow sedge		
Carex scoparia	pointed broom sedge		
Carex stricta	tussock sedge		
Carex vulpinoidea	common fox sedge		
Deschampsia flexuosa	wavy hair-grass		
Juncus effusus	common soft rush		
Juncus tenuis	path rush		
Panicum virgatum	switch panicgrass		
Schizachyrium scoparium	little bluestem		
Scirpus cyperinus	common woolsedge, woolgrass		
Scripus hattorianus	Northern bulrush		
Sorghastrum nutans	Indian grass		
Tridens flavus	purpletop tridens		

Species with names in **blue** provide resources for specialist and endangered species of pollinators but are not necessarily workhorse species. Specialist pollinators have evolved a specific relationship with a few or even just one plant species. Including native forbs that cater to specialist pollinators helps combat the degradation of these pollinator populations

Wildflowers (Forbs)		
Late spring blooming species		
Botanical Name	Common Name	
Asclepias tuberosa	butterfly milkweed	
Rudbeckia hirta	black-eye Susan	
Scutellaria lateriflora	mad dog skullcap	
Zizia aurea	common golden Alexanders	

Early summer blooming species		
Botanical Name	Common Name	
Asclepias incarnata	swamp milkweed	
Impatiens capensis	jewelweed	
Mimulus ringens	monkeyflower	
Monarda fistulosa	wild bergamot	
Scutellaria galericulata	hooded skullcap	
Vernonia noveboracensis	New York Ironweed	
Mid amaza blancia a casica		
Mid-summer blooming species		
Botanical Name	Common Name	
Chelone glabra	white turtlehead	
Cirsium muticum	swamp thistle	
Desmodium canadense	showy tick-trefoil	
Desmodium paniculatum	panicled tick-trefoil	
Eupatorium perfoliatum	boneset thoroughwort	
Eutrochium dubium	coastal plain Joe-Pye weed	
Eutrochium fistulosum	hollow Joe-Pye weed	
Eutrochium maculatum	spotted Joe-Pye weed	
Symphyotrichum novae-angliae	New England American-aster	
Late summer blooming species		
Botanical Name	Common Name	
Helenium autumnale	fall sneezeweed	
Euthamia graminifolia	flat-top goldentop	
Solidago rugosa	common wrinkle-leaved goldenrod	
Solidago sempervirens	seaside goldenrod	
Symphyotrichum cordifolium	heart-leaved American-aster	
Symphyotrichum lateriflorum	calico American-aster	
Symphyotrichum laeve	smooth blue aster	
Symphyotrichum novi-belgii	New York American-aster	