

Wildflower Mixes for Trial in New Hampshire



How to Use this List:

Based on observations and trials in NH, we have formulated a basic mix for NH meadow plantings on medium to dry soils in full sun. This mix of wildflowers will support pollinators throughout the summer months, and provide habitat for birds and other wildlife throughout the year.

Unless you are mixing your own seed for planting a large area, you will probably purchase a wildflower seed mix that is already formulated. Look for a mix that contains most of the species listed here.

Substitutions can be made depending on seed availability, site conditions and/or personal preferences.

UNH Custom Mixes for Medium-Dry Soils	Wildflowers (50% of mix)	Percent by weight		Seeds per square foot at 10 LBS PER ACRE RATE	
		NH-PN MIX	BUDGET MIX	NH-PN MIX	BUDGET MIX
<i>Aguilegia canadensis</i>	Red Columbine	2%	3%	1.8	2.3
<i>Asclepias syriaca</i>	Common Milkweed	2.25%	3%	0.3	0.4
<i>Asclepias tuberosa</i>	Butterfly Milkweed	6%	0%	0.8	0.0
<i>Chamaecrista fasciculata</i>	Partridge Pea	7%	8%	1.0	1.1
<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	2%	3%	0.9	1.4
<i>Echinacea purpurea</i>	Purple Coneflower	6%	7%	1.5	1.7
<i>Echinacea pallida</i>	Pale Purple Coneflower	8%	11%	1.4	2.0
<i>Eutrochium purpureum</i>	Sweet Joe Pye	1%	1.5%	1.8	2.6
<i>Heliopsis helianthoides</i>	Oxeye Sunflower	2%	2%	0.5	0.5
<i>Lupinus perennis</i>	Sundial Lupine	7%	0%	0.3	0.0
<i>Monarda fistulosa</i>	Wild Bergamot	0.25%	0.50%	0.7	1.4
<i>Monarda punctata</i>	Dotted Horsemint	0.25%	0.50%	0.9	1.7
<i>Oligoneuron rigidum</i>	Stiff Goldenrod	0.25%	0.50%	0.4	0.4
<i>Penstemon digitalis</i>	Foxglove Beardtongue	1%	1.5%	3.7	5.5
<i>Ratibida pinnata</i>	Yellow coneflower	2%	3.5%	2.0	3.5
<i>Rudbeckia hirta</i>	Black Eyed Susan	1%	2%	3.7	7.4
<i>Solidago speciosa</i>	Showy Goldenrod	0.5%	1%	1.9	3.9
<i>Symphotrichum novae-angliae</i>	New England Aster	1%	1%	2.6	2.6
<i>Symphotrichum laeve</i>	Smooth Blue Aster	1%	2%	1.8	3.5
Grasses (50% of mix)					
<i>Elymus canadensis</i>	Canada Wild rye	10%	10%	1.5	1.5
<i>Shizachyrium scoparium</i>	Little Bluestem	30%	30%	9.7	9.7
<i>Sorghastrum nutans</i>	Indian Grass	10%	10%	3.1	3.1
				42.0	56.2
				Total Seeds per Square Foot	
Seed Cost Estimates		Area to be Seeded	Rate/Acre		
		1 acre	20 lbs	\$ 3,202	\$ 2,735
		1 acre	10 lbs	\$ 1,718	\$ 1,456
		0.1 acre (4350 square feet)	20 lbs	\$ 407	\$ 347
		0.1 acre (4350 square feet)	10 lbs	\$ 230	\$ 207

Cost estimates were provided courtesy of Neil Diboll at Prairie Nursery. Exact costs will vary depending on where purchased, quantity and rate to be used. Estimates do not include shipping and handling.

Success with seeding depends on proper site preparation. For more information on wildflower meadows and pollinator habitat, go to

<https://extension.unh.edu/tags/wildflower-meadows>