



Brown Fox Sedge
Carex vulpinoidea
 Moderately Moist Soils
 1-3 feet tall



Black-eyed Susan
Rudbeckia hirta
 Moderately Moist Soils
 1-3 feet tall



Cardinal Flower
Lobelia cardinalis
 Med to Moist Soils
 2-3 feet tall



Golden Alexanders
Zizia aurea
 Moderately Moist Soils
 1-3 feet tall



Great Blue Lobelia
Lobelia siphilitica
 Moist to Moderately Dry Soils
 2-4 feet tall



Partridge Pea
Cassia Fasciculata
 Moderately Moist Soils
 1-2 feet tall



Prairie Blazing Star
Liatris pycnostachya
 Moist Soils
 2-5 feet tall



Ohio Spiderwort
Tradescantia ohioensis
 Moderately Moist Soils
 2-3 feet tall



Swamp Milkweed
Asclepias incarnate
 Moist to Moderately Dry Soils
 3-5 feet tall



Sweet Flag
Acorus calamus
 Moderately Moist Soils
 1-3 feet tall

City of Johnston
Green Meadows Park Bioretention Project
Suggested Plant Listing

Native Seed Mix (PartialShade)

Scientific Name	Common Name	Seeds/Oz.	Seeds/Acre	Amount/Acre	Height
FORBS					
Allium canadense	Wild Garlic	560	1,120	2 ounces	2'
Allium cernuum	Nodding Onion	7,600	15,200	2 ounces	2'
Anemone canadensis	Canada anemone	8,000	24,000	3 ounces	1'
Aquilegia canadensis	Columbine	38,000	76,000	2 ounces	4'
Aster furcatus	Forked Aster	24,000	12,000	1/2 ounce	2'
Astragalus canadensis	Canadian Milk Vetch	17,000	34,000	2 ounces	3'
Baptisia leucantha	White Wild Indigo	1,700	13,600	8 ounces	4'
Calla palustris	Water Arum	5,500	27,500	5 ounces	1'
Caltha palustris	Marsh Marigold	26,000	26,000	1 ounce	2'
Cassia fasciculata	Partridge Pea	2,700	10,800	4 ounces	2'
Allium canadense	Wild Garlic	560	1,120	2 ounces	2'
Allium cernuum	Nodding Onion	7,600	15,200	2 ounces	2'
Anemone canadensis	Canada anemone	8,000	24,000	3 ounces	1'
Aquilegia canadensis	Columbine	38,000	76,000	2 ounces	4'
Aster furcatus	Forked Aster	24,000	12,000	1/2 ounce	2'
Astragalus canadensis	Canadian Milk Vetch	17,000	34,000	2 ounces	3'
Baptisia leucantha	White Wild Indigo	1,700	13,600	8 ounces	4'
Calla palustris	Water Arum	5,500	27,500	5 ounces	1'
Caltha palustris	Marsh Marigold	26,000	26,000	1 ounce	2'
Cassia fasciculata	Partridge Pea	2,700	10,800	4 ounces	2'
Penthorum sedoides	Ditch Stonecrop	1,300,000	162,500	1/8 ounce	2'
Phlox divaricata	Wild Blue Phlox	12,500	4,688	3/8 ounce	1'
Phlox maculata	Wild Sweet William	11,000	2,750	1/4 ounce	3'
Polemonium reptans	Jacob's Ladder	18,000	18,000	1 ounce	1'
Pycnanthemum virginianum	Mountain Mint	220,000	27,500	1/8 ounce	3'
Ranunculus hispidus	Swamp Buttercup	12,000	24,000	2 ounces	1'
Rudbeckia hirta	Black Eyed Susan	92,000	552,000	6 ounces	2'
Solidago flexicaulis	Zig-Zag Goldenrod	84,000	252,000	3 ounces	3'
Solidago rigida	Stiff Goldenrod	41,000	20,500	1/2 ounce	4'
Tradescantia ohiensis	Ohio Spiderwort	8,000	48,000	6 ounces	3'
Zizia aurea	Golden Alexanders	11,000	44,000	4 ounces	3'
	Subtotal		1,636,378	5 4/27 pounds	82.375

Scientific Name	Common Name	Seeds/Oz.	Seeds/Acre	Amount/Acre	Height
GRASSES, RUSHES, SEDGES					
Bromus ciliatus	Fringed Brome	10,000	160,000	1 pound	4'
Bromus purgans	Hairy Wood Chess	7,600	22,800	3 ounces	4'
Carex critina	Fringed Sedge	23,000	46,000	2 ounces	3'
Carex franki	Bristly Cattail Sedge	17,000	34,000	2 ounces	2'
Carex lasiocarpa	Narrow LV Woolly Sedge	14,000	14,000	2 ounces	2'
Carex lupulina	Hop Sedge	3,300	13,200	4 ounces	3'
Carex lurida	Sallow (Lurid) Sedge	12,000	24,000	2 ounces	3'
Carex stipata	Awl -Fruited Sedge	34,000	102,000	3 ounces	3'
Carex vulpinoidea	Fox Sedge	100,000	400,000	4 ounces	3'
Elymus villosus	Silky Wild Rye	5,500	27,500	5 ounces	2'
Elymus virginicus	Virginia Wild Rye	4,200	268,800	4 pounds	4'
Glyceria striata	Fowl Manna Grass	90,000	90,000	1 ounce	3'
Hystrix patula	Bottle Brush Grass	7,600	30,400	4 ounces	2'
	Subtotal		1,232,700	7 pounds	112
	Totals		2,869,078	12 4/27 pounds	194.375

City of Johnston
Green Meadows Park Bioretention Project
Suggested Plant Listing

Native Seed Mix

Scientific Name	Common Name	Seeds/Oz.	Seeds/Acre	Amount/Acre	Height
FORBS					
Acorus calamus	Sweet Flag	6,600	39,600	6 ounces	2'
Allium canadense	Wild Garlic	560	1,120	2 ounces	2'
Allium cernuum	Nodding Onion	7,600	30,400	4 ounces	2'
Anemone canadensis	Canada anemone	8,000	24,000	3 ounces	1'
Asclepias incarnata	Swamp Milkweed	4,800	38,400	8 ounces	4'
Aster lateriflorus	Calico Aster	250,000	31,250	1/8 ounce	2'
Astragalus canadensis	Canadian Milk Vetch	17,000	34,000	2 ounce	3'
Baptisia leucantha	White Wild Indigo	1,700	13,600	8 ounces	4'
Caltha palustris	Marsh Marigold	26,000	3,250	1/8 ounce	2'
Cassia fasciculata	Partridge Pea	2,700	27,000	10 ounces	2'
Dodecatheon meadia	Midland Shooting Star	60,000	7,500	1/8 ounce	1'
Gentiana andrewsii	Bottle Gentian	280,000	35,000	1/8 ounce	2'
Gentiana flavida	Cream Gentian	140,000	140,000	1 ounce	3'
Iris shrevei	Blue Flag Iris	1,300	6,500	5 ounces	3'
Liatris pycnostachya	Prairie Blazing Star	11,000	44,000	4 ounces	4'
Lobelia cardinalis	Cardinal Flower	400,000	50,000	1/8 ounce	4'
Lobelia siphilitica	Great Blue Lobelia	500,000	250,000	1/2 ounce	3'
Mimulus ringens	Monkey Flower	2,300,000	287,500	1/8 ounce	2'
Monarda fistulosa	Wild Bergamot	70,000	140,000	2 ounce	4'
Penstemon digitalis	Foxglove Beardtongue	130,000	520,000	4 ounce	4'
Penthorum sedoides	Ditch Stonecrop	1,300,000	162,500	1/8 ounce	2'
Phlox maculata	Wild Sweet William	11,000	5,500	1/2 ounce	3'
Pycnanthemum virginianum	Mountain Mint	220,000	27,500	1/8 ounce	3'
Rudbeckia hirta	Black Eyed Susan	92,000	368,000	4 ounces	2'
Solidago riddellii	Riddell's Goldenrod	93,000	46,500	1/2 ounce	3'
Solidago rigida	Stiff Goldenrod	41,000	20,500	1/2 ounce	4'
Tradescantia ohiensis	Ohio Spiderwort	8,000	16,000	2 ounce	3'
Zizia aurea	Golden Alexanders	11,000	44,000	4 ounces	3'
	Subtotal		2,413,620	4 1/2 pounds	72

Scientific Name	Common Name	Seeds/Oz.	Seeds/Acre	Amount/Acre	Height
GRASSES, RUSHES, SEDGES					
Bromus ciliatus	Fringed Brome	10,000	320,000	2 pounds	4'
Carex bebbii	Bebb's Oval Sedge	34,000	68,000	2 ounces	3'
Carex comosa	Longhair (Bristly) Sedge	30,000	90,000	3 ounces	2'
Carex critina	Fringed Sedge	23,000	23,000	1 ounces	3'
Carex hystericina	Porcupine Sedge	30,000	90,000	3 ounces	3'
Carex lupulina	Hop Sedge	3,300	3,300	1 ounce	3'
Carex lurida	Sallow (Lurid) Sedge	12,000	24,000	2 ounces	3'
Carex scoparia	Broom Sedge	84,000	84,000	1 ounce	2'
Carex stipata	Awl -Fruited Sedge	34,000	102,000	3 ounces	3'
Carex vulpinoidea	Fox Sedge	100,000	400,000	4 ounces	3'
Eleocharis palustris	Great Spike Rush	51,000	51,000	1 ounce	2'
Elymus virginicus	Virginia Wild Rye	4,200	201,600	3 pounds	4'
Glyceria striata	Fowl Manna Grass	90,000	90,000	1 ounces	3'
Juncus dudleyi	Dudley's Rush	3,200,000	800,000	1/4 ounce	2'
Juncus effusus	Common Rush	1,000,000	250,000	1/4 ounce	2'
Juncus interior	Inland Rush	2,800,000	700,000	1/4 ounce	2'
Juncus torreyi	Torrey's Rush	1,600,000	400,000	1/4 ounce	1'
Scirpus pungens	Three square rush	12,000	12,000	1 ounces	3'
	Subtotal		3,708,900	6 1/2 pounds	104
	Totals		6,122,520	11 pounds	176