

IWLA Plant Lists

RAIN GARDEN PLANT LIST



Date: 5/19/2020
 Created by: IC
 Revisions by: AK

BOTANICAL NAME	COMMON NAME	QTY	SIZE	HEIGHT	MATURE FLOWER COLOR	BLOOM TIME																
						J	F	M	A	M	J	J	A	S	O	N	D					
Baptisia australis	Blue False Indigo	50	Plug	2-4'																		
Monarda didyma	Oswego Tea	50	Plug	3-4'																		
Physostegia virginiana	Obediant Plant	32	Plug	2-5'																		
Pycnanthemum muticum	Big Leaf Mountain Mint	50	Plug	3-4'																		
Senecio aureus	Golden Groundsel	32	Plug	1-3'																		

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Seed Mix Specifications



Project: Izaac Walton League
 Mix: Rain Garden
 Area in acres = 0.005
 Area in sq ft = 200
 Total seeds per sq ft = 200
 % grasses = 60%

Results (excluding nurse crop)

19 lbs. of seed/acre
 0.09 Total lbs. this mix
 19 Total spp.
 7 Number of gram inoids
 12 Number of forbs

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Grasses, Sedges and Rushes						
Carex cristatella	Crested Oval Sedge	0.02 oz	S1	Local ecotype only	2-3	cool
Carex gracillima	Purple-Sheathed Sedge	0.02 oz			3'	cool
Carex granularis	Pale Sedge	0.09 oz			2-3	cool
Carex hirsutella	Hairy Green Sedge	0.13 oz			2-3	cool
Carex normalis	Spreading Oval Sedge	0.19 oz			1-3'	cool
Carex projecta	Loose-headed Oval Sedge	0.08 oz			1-2	cool
Carex vulpinoidea	Fox Sedge	0.07 oz			1-3	cool

Forbs

Allium cernuum	Nodding Pink Onion	0.32 oz			1-2	Summer
Blephilia hirsuta	Hairy Wood Mint	0.01 oz			2-3	Summer
Coreopsis lanceolata	Tickseed	0.04 oz			2-3	Spring
Eryngium yuccifolium	Rattlesnake Master	0.11 oz			3-5	Summer
Eupatorium coelestinum (Conoclinium)	Mistflower	0.00 oz			1-3	Fall
Helenium flexuosum	Helen's Flower	0.01 oz			1-3	Fall
Liatris spicata	Blazing Star	0.17 oz	S1	Local ecotype only	2-6	Summer
Lobelia cardinalis	Cardinal Flower	0.01 oz			2-5	Fall
Mondarda punctata	Horsemint	0.01 oz			1-2	Summer
Penstemon digitalis	White Beardtongue	0.02 oz			2-4	Spring
Rudbeckia hirta	Black Eyed Susan	0.01 oz			1-3	Summer
Zizia aurea	Golden Alexander	0.07 oz			1-3	Spring

Nurse Crop

Hordeum vulgare	Barley	0.14 lb				
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IWLA Plant Lists

Seed Mix Specifications



Project: Isaac Walton League
Mix: Shady Meadow
 Area in acres = 0.03
 Area in sq ft = 1500
 Total seeds per sq ft = 150
 % grasses = 60%

Results (excluding nurse crop)

8 lbs. of seed/acre
 0 Total lbs. this mix
 23 Total spp.
 6 Number of graminoids
 17 Number of forbs

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Grasses, Sedges and Rushes						
Carex eburnea	Ivory Sedge	0.26 oz	S1, E	Local ecotype only	4-12"	cool
Carex jamesii	James's Sedge	1.08 oz			1'	cool
Carex normalis	Spreading Oval Sedge	1.35 oz			1-3'	cool
Carex protracta	Loose-headed Oval Sedge	0.65 oz			1-2'	cool
Carex radiata	Wood Sedge	0.49 oz			10"	cool
Carex rosea	Curly-styled Wood Sedge	0.25 oz			1'	cool

Forbs

Allium cernuum	Nodding Pink Onion	0.59 oz			1-2'	Summer
Anemone virginiana	Thimbleweed	0.26 oz			2-3'	Summer
Aquilegia canadensis	Columbine	0.19 oz			1-3'	Spring
Aster cordifolius (Symphiotrichum)	Blue Wood Aster	0.08 oz			1-2'	Fall
Aster divaricatus (Eurybia)	White Wood Aster	0.11 oz			1-2'	Fall
Blephilia ciliata	Downy Wood Mint	0.01 oz			1-2'	Spring
Coreopsis lanceolata	Tickseed	0.23 oz			2-3'	Spring
Eupatorium coelestinum (Conoclinium)	Mistflower	0.01 oz			1-3'	Fall
Lespedeza virginica	Slender Bush Clover	0.36 oz			1-3'	Summer
Mondarda punctata	Horsemint	0.05 oz			1-2'	Summer
Penstemon hirsutus	Hairy Beardtongue	0.04 oz			1-2'	Spring
Pycnanthemum incanum	Hoary Mountain Mint	0.03 oz			2-3'	Summer
Rudbeckia hirta	Black Eyed Susan	0.03 oz			1-3'	Summer
Scutellaria incana	Downy Skullcap	0.67 oz			2-3'	Summer
Solidago odora	Scented Goldenrod	0.07 oz			2-4'	Fall
Tradescantia virginiana	Virginia Spiderwort	0.38 oz			1-3'	Spring
Zizia aptera	Heart-leaf Golden Alexander	0.38 oz			1-2'	Spring

Nurse Crop

Hordeum vulgare	Barley	1.02 lb				
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IWLA Plant Lists

Seed Mix Specifications



Project: Isaac Walton League
Mix: Sunny Meadow
 Area in acres = 0.13
 Area in sq ft = 5800
 Total seeds per sq ft = 175
 % grasses = 50%

Results (excluding nurse crop)

2 lbs. of seed/acre
 3 Total lbs. this mix
 25 Total spp.
 8 Number of graminoids
 17 Number of forbs

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Grasses, Sedges and Rushes						
Carex conoidea	Openfield Sedge	1.02 oz	S1, E	Local ecotype only	1-2	cool
Carex gracillima	Purple-Sheathed Sedge	0.25 oz			3'	cool
Carex hirsutella	Hairy Green Sedge	2.82 oz			2-3	cool
Carex muhlenbergii	Sand Bracted Sedge	2.11 oz			1-3	cool
Carex normalis	Spreading Oval Sedge	4.06 oz			1-3'	cool
Carex projecta	Loose-headed Oval Sedge	1.64 oz			1-2	cool
Carex rosea	Curly-styled Wood Sedge	0.48 oz			1'	cool
Carex vulpinoidea	Fox Sedge	1.52 oz			1-3	cool

Forbs

Allium cernuum	Nodding Pink Onion	5.34 oz			1-2	Summer
Asclepias tuberosa	Butterfly Weed	4.72 oz			1-3	Summer
Aster laevis (Symphiotrichum)	Smooth Aster	0.92 oz			2-5	Fall
Coreopsis lanceolata	Tickseed	1.27 oz			2-3	Spring
Echinacea pallida	Pale Purple Coneflower	4.88 oz			2-4	Summer
Eryngium yuccifolium	Rattlesnake Master	3.38 oz			3-5	Summer
Eupatorium coelestinum (Conoclinium)	Mistflower	0.04 oz			1-3	Fall
Helenium flexuosum	Helen's Flower	0.21 oz			1-3	Fall
Liatris aspera	Rough Blazingstar	2.54 oz			2-3	Fall
Lobelia siphilitica	Great Blue Lobelia	0.08 oz			1-4	Fall
Mondarda punctata	Horsemint	0.28 oz			1-2	Summer
Penstemon digitalis	White Beardtongue	0.39 oz			2-4	Spring
Pycnanthemum tenuifolium	Slender Mountain Mint	0.11 oz			2-3	Summer
Rudbeckia hirta	Black Eyed Susan	0.17 oz			1-3	Summer
Solidago juncea	Early Goldenrod	0.25 oz			1-3	Summer
Tradescantia ohioensis	Ohio Spiderwort	1.90 oz			2-4	Spring
Zizia aurea	Golden Alexander	2.31 oz			1-3	Spring

Nurse Crop

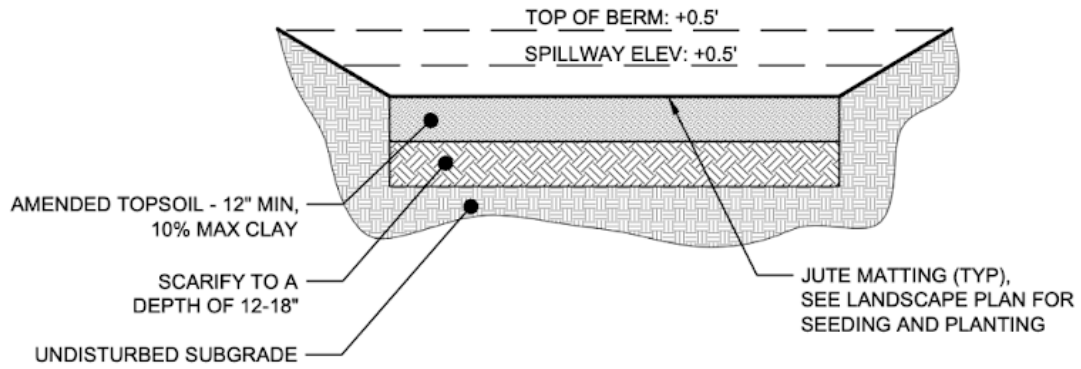
Secale cereale	Rye	3.95 lb				
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Notes:

1. USE THE FOLLOWING ECO TYPES IF AVAILABLE:

NORTH EAST
 PA, MD

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NOTES:

1. RAIN GARDEN AND SPILLWAY TO BE MATTED WITH JUTE MATTING.
2. SEEDING AND MATTING SHALL OCCUR IN SAME MOBILIZATION AS CONSTRUCTION.
3. RAIN GARDEN BOTTOM = 200 SF.
4. EXISTING CLAY CONTENT = 26%.
5. SOIL TO BE AMENDED WITH LEAF COMPOST OR EQUAL.
6. COMPOST REQUIREMENT: 1.5 - 2.0 CY.

1 RAIN GARDEN AND SPILLWAY

SCALE: 1/4"=1'-0"