



**NOTE: Minimum Criteria is required for all plantings with Wildlife as a Primary Resource Concern. Additional Requirements are situationally Required, depending on the resource concern, or site conditions being addressed. Considerations are encouraged, but not required.**

Version: 2021.1.0

Select Program Year	2021		
L1	Name	IN D Mesic-Wet Mesic Grassland 2	
L2	Farm	Pheasants Forever	
L3	Tract		
L4	Fields		
Version: 2021.1.0			
<b>Seeding Mix</b>			
	<b>Common Name</b>	<b>Scientific Name</b>	
		<b>Ounces Per Acre (PLS)</b>	
G1	Rush, Common	<i>Juncus effusus</i>	0.160
G2	Sedge, Fox	<i>Carex vulpinoidea</i>	1.440
G3	Fowl Mannagrass	<i>Glyceria striata</i>	1.600
G4	Bluejoint	<i>Calamagrostis canadensis</i>	0.480
G5	Wildrye, Virginia	<i>Elymus virginicus</i>	20.000
G6			
G7			
G8			
G9			
G10			
F1	Black-eyed Susan	<i>Rudbeckia hirta</i>	0.800
F2	Common Evening Primrose	<i>Oenothera biennis</i>	0.800
F3	Vervain, Blue	<i>Verbena hastata</i>	0.800
F4	Mountain Mint, Slender	<i>Pycnanthemum tenuifolium</i>	0.080
F5	Bergamot, Wild	<i>Monarda fistulosa</i>	0.800
F6	Lobelia, Great	<i>Lobelia siphilitica</i>	0.080
F7	Beardtongue, Foxglove	<i>Penstemon digitalis</i>	0.480
F8	Aster, Frost	<i>Symphyotrichum pilosum</i>	0.320
F9	Sunflower, Maximilian's	<i>Helianthus maximiliani</i>	2.000
F10	Brown-eyed Susan	<i>Rudbeckia triloba</i>	0.640
F11	Milkvetch, Canadian	<i>Astragalus canadensis</i>	2.000
F12	Mistflower, Blue	<i>Conoclinium coelestinum</i>	0.080
F13	Aster, Calico	<i>Symphyotrichum lateriflorum</i>	0.080
F14	Mountain Mint, Common	<i>Pycnanthemum virginianum</i>	0.080
F15	Goldenrod, Stiff	<i>Oligoneuron rigidum</i>	0.160
F16	Coneflower, Purple	<i>Echinacea purpurea</i>	2.000
F17	Black-eyed Susan, Sweet	<i>Rudbeckia subtomentosa</i>	0.320
F18	Ironweed, Tall	<i>Vernonia gigantea</i>	0.320
F19	Aster, Flat-top	<i>Doellingeria umbellata</i>	0.160
F20	Golden Alexander's	<i>Zizia aurea</i>	0.8
F21	Aster, New England	<i>Symphyotrichum novae-angliae</i>	0.16
F22	Sunflower, False	<i>Helopsis helianthoides</i>	1.04
F23	Joe Pye Weed, Sweetcenter	<i>Eutrochium purpureum</i>	0.16
F24	Blazing Star, Marsh	<i>Liatris spicata</i>	0.32
F25	Milkweed, Swamp	<i>Asclepias incarnata</i>	0.8
F26			
F27			
F28			
F29			
F30			

Practice Design Check Sheet				
Practice General Criteria				
420 Wildlife Habitat Planting General Wildlife				
Requirement	Criteria	Mix or Component	Criteria Met	
<b>Minimum Criteria (Required) For All New Plantings</b>				
Required for New Plantings	Percentage Graminoids (seeds per sq. ft)	25-65%	49.0%	Meets Criteria
	Percentage Forbs (seeds per sq. ft)	35-75%	51.0%	Meets Criteria
	Total Seeds/ft <sup>2</sup> , Minimum	20-40+	31.2	Meets Criteria
	Total Graminoid Species	≥ 2	5	Meets Criteria
	Total Forb Species	≥ 5	25	Meets Criteria
	Total Perennial Legume	≥ 1	1	Meets Criteria
	No Species Errors	0	0	Meets Criteria
	Seeding Meets Practice Criteria (All Criteria = Meets Criteria)	7.00	7	Meets Criteria
	<b>Minimum Criteria (Required) For Interseeding Forbs Only Plantings</b>			
	Total Seeds/ft <sup>2</sup> , Minimum	10-20+	15.9	See New Planting Criteria
Total Forb Species	≥ 5	25	See New Planting Criteria	
Total Perennial Legume	≥ 1	1	See New Planting Criteria	
No Species Errors	0%	0	See New Planting Criteria	
Seeding Meets Practice Criteria (All Criteria = Meets Criteria)	4.00	0	See New Planting Criteria	
<b>Considerations (encouraged, not required)</b>				
Maximum Percentage Single Forb Species, (of Forb Component)	≤ 20%	11%	Meets Consideration	
Maximum Percentage Annual and Biennial Forbs, (of Forb Component)	≤ 33%	24.1%	Meets Consideration	
Big Bluestem Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	Meets Consideration	
Switchgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	Meets Consideration	
Indiangrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	Meets Consideration	
Prairie Cordgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	Meets Consideration	
Total Tallgrass Seeds/ft <sup>2</sup> , Maximum % Graminoids	≤ 25%	0%	Meets Consideration	
<b>Additional Criteria for Muck Plantings</b>				
Total Graminoid seeds per square foot	>20	15.30	Not applicable	
<b>Additional requirements for General Pollinator Habitat</b>				
Diverse mix of 9 or more forb species (number)	>9	25	Meets Criteria	
% Grass Species, (of Total Mix)	25-50%	49.0%	Meets Criteria	
% Forb Species, (of Total Mix)	50-75%	51.0%	Meets Criteria	
Number Early Blooming Forbs	≥ 3	8	Meets Criteria	
Number Mid-Blooming Forbs	≥ 3	24	Meets Criteria	
Number Late-Blooming Forbs	≥ 3	23	Meets Criteria	
Big Bluestem Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	Meets Criteria	
Switchgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	Meets Criteria	
Indiangrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	Meets Criteria	
Prairie Cordgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	Meets Criteria	
Total Tallgrass Seeds/ft <sup>2</sup> , Maximum % Graminoids	< 25%	0.0%	Meets Criteria	
<b>Additional requirements for Monarch Habitat</b>				
Milkweed Percentage of Mix	> 1.5%	0.28%	Does Not Meet Criteria	
Percentage of Forbs High or Very High Monarch Value	> 60%	N/A	N/A	



Natural Resources Conservation Service

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Version: 2021.1.0

Select Program Year	2021	
L1 Name	IN D Mesic-Wet Mesic Grassland 2	
L2 Farm	Pheasants Forever	
L3 Tract		
L4 Fields		
Version: 2021.1.0		
<b>Seeding Mix</b>		
		<b>Ounces Per Acre (PLS)</b>
<b>Common Name</b>	<b>Scientific Name</b>	
G1 Rush, Common	<i>Juncus effusus</i>	0.160
G2 Sedge, Fox	<i>Carex vulpinoidea</i>	1.440
G3 Fowl Mannagrass	<i>Glyceria striata</i>	1.600
G4 Bluejoint	<i>Calamagrostis canadensis</i>	0.480
G5 Wildrye, Virginia	<i>Elymus virginicus</i>	20.000
G6		
G7		
G8		
G9		
G10		
F1 Black-eyed Susan	<i>Rudbeckia hirta</i>	0.800
F2 Common Evening Primrose	<i>Oenothera biennis</i>	0.800
F3 Vervain, Blue	<i>Verbena hastata</i>	0.800
F4 Mountain Mint, Slender	<i>Pycnanthemum tenuifolium</i>	0.080
F5 Bergamot, Wild	<i>Monarda fistulosa</i>	0.800
F6 Lobelia, Great	<i>Lobelia siphilitica</i>	0.080
F7 Beardtongue, Foxglove	<i>Penstemon digitalis</i>	0.480
F8 Aster, Frost	<i>Symphotrichum pilosum</i>	0.320
F9 Sunflower, Maximilian's	<i>Helianthus maximiliani</i>	2.000
F10 Brown-eyed Susan	<i>Rudbeckia triloba</i>	0.640
F11 Milkvetch, Canadian	<i>Astragalus canadensis</i>	2.000
F12 Mistflower, Blue	<i>Conoclinium coelestinum</i>	0.080
F13 Aster, Calico	<i>Symphotrichum lateriflorum</i>	0.080
F14 Mountain Mint, Common	<i>Pycnanthemum virginianum</i>	0.080
F15 Goldenrod, Stiff	<i>Oligoneuron rigidum</i>	0.160
F16 Coneflower, Purple	<i>Echinacea purpurea</i>	2.000
F17 Black-eyed Susan, Sweet	<i>Rudbeckia subtomentosa</i>	0.320
F18 Ironweed, Tall	<i>Vernonia gigantea</i>	0.320
F19 Aster, Flat-top	<i>Doellingeria umbellata</i>	0.160
F20 Golden Alexander's	<i>Zizia aurea</i>	0.8
F21 Aster, New England	<i>Symphotrichum novae-angliae</i>	0.16
F22 Sunflower, False	<i>Helopsis helianthoides</i>	1.04
F23 Joe Pye Weed, Sweetcenter	<i>Eutrochium purpureum</i>	0.16
F24 Blazing Star, Marsh	<i>Liatris spicata</i>	0.32
F25 Milkweed, Swamp	<i>Asclepias incarnata</i>	0.8
F26		
F27		
F28		
F29		
F30		

Practice Design Check Sheet			
Program Specific Criteria			
CRP Practices Additional Criteria New Plantings (In addition to GENERAL CRITERIA)			
Requirement	Criteria	Mix or Component	Criteria Met
<b>Additional requirements for CP42 CRP Pollinators</b>			
Meets pollinator general criteria (# Criteria met)	11	11	Meets Criteria
% Grass Species, (of Total Mix)	25-50%	49.0%	Meets Criteria
<b>Additional Requirements for SAFE 38E Northern Bobwhite, Henslow's Sparrow, and Ring-necked Pheasant</b>			
Mix meets 50 point requirements for EBI N1A CP2	TRUE	TRUE	Meets Criteria
Mix meets 50 point requirements for EBI N1A CP4D	TRUE	TRUE	Meets Criteria
<b>Additional Requirements for SAFE 38E Henslow Sparrow Plantings</b>			
Diverse mix of 9 or more forb species (number)	>9	25.00	Meets Criteria
Number Early Blooming Forbs	>3	8.00	Meets Criteria
Number Mid-Blooming Forbs	>3	24.00	Meets Criteria
Number Late-Blooming Forbs	>3	23.00	Meets Criteria
Review Forb List for inclusion perching locations	> 2	Check Forb List	Verify At Least 2 Present*
<b>Additional Requirements for SAFE 38E Northern Bobwhite AND CP33 Field Border for Northern Bobwhite</b>			
Big Bluestem Seeds/ft2, Maximum % of Graminoids	≤ 5%	0.0%	Meets Criteria
Switchgrass Seeds/ft2, Maximum % of Graminoids	≤ 5%	0.0%	Meets Criteria
Indiangrass Seeds/ft2, Maximum % of Graminoids	≤ 5%	0.0%	Meets Criteria
Prairie Cordgrass Seeds/ft2, Maximum % of Graminoids	≤ 5%	0.0%	Meets Criteria
Total Tallgrass Seeds/ft2, Maximum % Graminoids	<15%	0.0%	Meets Criteria
<b>Additional Requirements for CP25 Tallgrass Prairie</b>			
Diverse mix of 10 or more forb species (number)	≥10	25.00	Meets Criteria
Number Early Blooming Forbs	≥3	8.00	Meets Criteria
Number Mid-Blooming Forbs	≥3	24.00	Meets Criteria
Number Late-Blooming Forbs	≥3	23.00	Meets Criteria
Total Tallgrass Seeds/ft2, Maximum % Graminoids	≥15%	0.0%	Does Not Meet Criteria
<b>Additional Requirements for CP25 Short-Stature Prairie</b>			
Diverse mix of 10 or more forb species (number)	≥10	25.00	Meets Criteria
Number Early Blooming Forbs	≥3	8.00	Meets Criteria
Number Mid-Blooming Forbs	≥3	24.00	Meets Criteria
Number Late-Blooming Forbs	≥3	23.00	Meets Criteria
Total Tallgrass Seeds/ft2, Maximum % Graminoids	0%	0.0%	Meets Criteria
<b>Additional Requirements for CP43 Prairie Strips</b>			
% Grass Species, (of Total Mix)	40-60%	49.0%	Meets Criteria
Diverse mix of 10 or more forb species (number)	>10	25.00	Meets Criteria
Number Early Blooming Forbs	>3	8.00	Meets Criteria
Number Mid-Blooming Forbs	>3	24.00	Meets Criteria
Number Late-Blooming Forbs	≥3	23.00	Meets Criteria
Total Tallgrass Seeds/ft2, Maximum % Graminoids	< 15%	0.0%	Meets Criteria

Note: EQIP and WRE Criteria moved to third column/page. CSP moved to the forth column/page  
 \*Use lists on CRP Specification Sheets, or input from wildlife biologists to meet this criteria.



Natural Resources Conservation Service

Select Program Year		2021
L1	Name	IN D Mesic-Wet Mesic Grassland 2
L2	Farm	Pheasants Forever
L3	Tract	
L4	Fields	
Version: 2021.1.0		<b>Seeding Mix</b>
		<b>Ounces Per Acre (PLS)</b>
	<b>Common Name</b>	<b>Scientific Name</b>
G1	Rush, Common	<i>Juncus effusus</i> 0.160
G2	Sedge, Fox	<i>Carex vulpinoidea</i> 1.440
G3	Fowl Mannagrass	<i>Glyceria striata</i> 1.600
G4	Bluejoint	<i>Calamagrostis canadensis</i> 0.480
G5	Wildrye, Virginia	<i>Elymus virginicus</i> 20.000
G6		
G7		
G8		
G9		
G10		
F1	Black-eyed Susan	<i>Rudbeckia hirta</i> 0.800
F2	Common Evening Primrose	<i>Oenothera biennis</i> 0.800
F3	Vervain, Blue	<i>Verbena hastata</i> 0.800
F4	Mountain Mint, Slender	<i>Pycnanthemum tenuifolium</i> 0.080
F5	Bergamot, Wild	<i>Monarda fistulosa</i> 0.800
F6	Lobelia, Great	<i>Lobelia siphilitica</i> 0.080
F7	Beardtongue, Foxglove	<i>Penstemon digitalis</i> 0.480
F8	Aster, Frost	<i>Symphotrichum pilosum</i> 0.320
F9	Sunflower, Maximilian's	<i>Helianthus maximiliani</i> 2.000
F10	Brown-eyed Susan	<i>Rudbeckia triloba</i> 0.640
F11	Milkvetch, Canadian	<i>Astragalus canadensis</i> 2.000
F12	Mistflower, Blue	<i>Conoclinium coelestinum</i> 0.080
F13	Aster, Calico	<i>Symphotrichum lateriflorum</i> 0.080
F14	Mountain Mint, Common	<i>Pycnanthemum virginianum</i> 0.080
F15	Goldenrod, Stiff	<i>Oligoneuron rigidum</i> 0.160
F16	Coneflower, Purple	<i>Echinacea purpurea</i> 2.000
F17	Black-eyed Susan, Sweet	<i>Rudbeckia subtomentosa</i> 0.320
F18	Ironweed, Tall	<i>Vernonia gigantea</i> 0.320
F19	Aster, Flat-top	<i>Doellingeria umbellata</i> 0.160
F20	Golden Alexander's	<i>Zizia aurea</i> 0.8
F21	Aster, New England	<i>Symphotrichum novae-angliae</i> 0.16
F22	Sunflower, False	<i>Helioopsis helianthoides</i> 1.04
F23	Joe Pye Weed, Sweet-scented	<i>Eutrochium purpureum</i> 0.16
F24	Blazing Star, Marsh	<i>Liatris spicata</i> 0.32
F25	Milkweed, Swamp	<i>Asclepias incarnata</i> 0.8
F26		
F27		
F28		
F29		
F30		

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Version: 2021.1.0

Practice Design Check Sheet			
Program Specific Criteria		Program Year	2021
420 Wildlife Habitat Planting EQIP Practices Additional Criteria (In addition to GENERAL CRITERIA)			
Requirement	Criteria	Mix or Component	Criteria Met
<b>Native Species</b>			
Total Forb Species Minimum	5	25.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	20	31.23	Meets Criteria
<b>Pollinator Species</b>			
Total Forb Species Minimum	9	25.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	25	31.23	Meets Criteria
<b>Specialized Habitat</b>			
Total Forb Species Minimum	15	25	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	31.2	Meets Criteria
<b>Specialized Habitat (Monarch)</b>			
Total Forb Species Minimum	SEE MONARCH	0	Does Not Meet Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	31.2	Meets Criteria
<b>Interseeding (Pollinator)</b>			
Total Forb Species Minimum	9	25	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	15	15.9	Meets Criteria

420 Wildlife Habitat Planting Check- ACEP- WRE Practices Additional Criteria New Planting			
Requirement	Criteria	Mix or Component	Criteria Met
Graminoid Seeds/ft <sup>2</sup> , Percent of Mix Range	40-60%	49.0%	Meets Criteria
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Percent of Mix Rang	40-60%	51.0%	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30-40+	31.23	Meets Criteria
Total Forb Species	≥ 9	25	Meets Criteria
Number Early Blooming Forbs	≥ 3	8	Meets Criteria
Number Mid-Blooming Forbs	≥ 3	24	Meets Criteria
Number Late-Blooming Forbs	≥ 3	23	Meets Criteria
Milkweed Species	≥ 1	1	Meets Criteria



Natural Resources Conservation Service

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Version: 2021.1.0

<b>Select Program Year</b>		<b>2021</b>
L1	Name	IN D Mesic-Wet Mesic Grassland 2
L2	Farm	Pheasants Forever
L3	Tract	
L4	Fields	
Version: 2021.1.0 <b>Seeding Mix</b>		
	<b>Common Name</b>	<b>Scientific Name</b>
		<b>Ounces Per Acre (PLS)</b>
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G2	Sedge, Fox	<i>Carex vulpinoidea</i> 1.440
G3	Fowl Mannagrass	<i>Glyceria striata</i> 1.600
G4	Bluejoint	<i>Calamagrostis canadensis</i> 0.480
G5	Wildrye, Virginia	<i>Elymus virginicus</i> 20.000
G6		
G7		
G8		
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G10		
F1	Black-eyed Susan	<i>Rudbeckia hirta</i> 0.800
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F9	Sunflower, Maximilian's	<i>Helianthus maximiliani</i> 2.000
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F13	Aster, Calico	<i>Symphotrichum lateriflorum</i> 0.080
F14	Mountain Mint, Common	<i>Pycnanthemum virginianum</i> 0.080
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F30		

<b>Practice Design Check Sheet</b>			
<b>Program Specific Criteria</b>		<b>Program Year</b>	
		<b>2021</b>	
<b>420 Wildlife Habitat Planting CSP Practices Additional Criteria (In addition to GENERAL CRITERIA)</b>			
Requirement	Criteria	Mix or Component	Criteria Met
<b>E420A (E327A)</b>			
Total Forb Species Minimum	9	25.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	15	31.23	Meets Criteria
<b>E420B (E327B)</b>			
Total Forb Species Minimum	9	25.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	15	31.23	Meets Criteria
E420B only- Monarch Requirements	SEE MONARCH	0.0	Does Not Meet Criteria
<b>Native Species +E420A/B (E327A)</b>			
Total Forb Species Minimum	14	25	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	31.2	Meets Criteria
<b>Pollinator Species+E420A/B</b>			
Total Forb Species Minimum	16	25	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	31.2	Meets Criteria
<b>Specialized Habitat+E420A/B</b>			
Total Forb Species Minimum	24	25	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	31.2	Meets Criteria