



**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 B DM Monarch 2022
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	Dropseed, Sand	<i>Sporobolus cryptandrus</i> 1.200
G2	Bluestem, Little	<i>Schizachyrium scoparium</i> 10.000
G3	Sedge, Fox	<i>Carex vulpinoidea</i> 1.200
G4	Sideoats Grama	<i>Bouteloua curtipendula</i> 8.000
G5		
G6		
G7		
G8		
G9		
G10		
F1	Black-eyed Susan	<i>Rudbeckia hirta</i> 1.200
F2	Common Evening Primrose	<i>Oenothera biennis</i> 1.200
F3	Mountain Mint, Slender	<i>Pycnanthemum tenuifolium</i> 0.080
F4	Coreopsis, Lanceleaf	<i>Coreopsis lanceolata</i> 4.000
F5	Prairie Cinquefoil	<i>Potentilla arguta</i> 0.080
F6	Bergamot, Wild	<i>Monarda fistulosa</i> 1.600
F7	Hyssop, Lavendar	<i>Agastache foeniculum</i> 0.160
F8	Beardtongue, Foxglove	<i>Penstemon digitalis</i> 0.160
F9	Goldenrod, Field	<i>Solidago nemoralis</i> 0.160
F10	Sunflower, Maximilian's	<i>Helianthus maximiliani</i> 2.000
F11	Coneflower, Gray-headed	<i>Ratibida pinnata</i> 0.800
F12	Bundleflower, Illinois	<i>Desmanthus illinoensis</i> 4.000
F13	Prairie Clover, Purple	<i>Dalea purpurea</i> 1.600
F14	Milkvetch, Canadian	<i>Astragalus canadensis</i> 0.800
F15	Prairie Clover, White	<i>Dalea candida</i> 0.800
F16	Aster, Calico	<i>Symphotrichum lateriflorum</i> 0.080
F17	Vervain, Hoary	<i>Verbena stricta</i> 0.400
F18	Partridge Pea	<i>Chamaecrista fasciculata</i> 4.000
F19	Coneflower, Purple	<i>Echinacea purpurea</i> 2.000
F20	Aster, New England	<i>Symphotrichum novae-angliae</i> 0.16
F21	Milkweed, Common	<i>Asclepias syriaca</i> 2.8
F22	Milkweed, Butterfly	<i>Asclepias tuberosa</i> 2.4
F23	Aster, Frost	<i>Symphotrichum pilosum</i> 0.08
F24	Brown-eyed Susan	<i>Rudbeckia triloba</i> 0.16
F25		
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%	42.2% <i>Meets Criteria</i>	
	Percentage Forbs (seeds per sq. ft)	35-75%	57.8% <i>Meets Criteria</i>	
	Total Seeds/ft <sup>2</sup> , Minimum	20-40+	30.4 <i>Meets Criteria</i>	
	Total Graminoid Species	≥ 2	4 <i>Meets Criteria</i>	
	Total Forb Species	≥ 5	24 <i>Meets Criteria</i>	
	Total Perennial Legume	≥ 1	4 <i>Meets Criteria</i>	
	No Species Errors	0	0 <i>Meets Criteria</i>	
	Seeding Meets Practice Criteria (All Criteria = Meets Criteria)	7.00	7 <i>Meets Criteria</i>	
	<b>Minimum Criteria (Required) For Interseeding Forbs Only Plantings</b>			
	Total Seeds/ft <sup>2</sup> , Minimum	10-20+	17.6	See New Planting Criteria
Total Forb Species	≥ 5	24	See New Planting Criteria	
Total Perennial Legume	≥ 1	4	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%	15%	<i>Meets Consideration</i>	
Maximum Percentage Annual and Biennial Forbs, (of Forb Component)	≤ 33%	30.6%	<i>Meets Consideration</i>	
Big Bluestem Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	<i>Meets Consideration</i>	
Switchgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	<i>Meets Consideration</i>	
Indiangrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	<i>Meets Consideration</i>	
Prairie Cordgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	<i>Meets Consideration</i>	
Total Tallgrass Seeds/ft <sup>2</sup> , Maximum % Graminoids	≤ 25%	0%	<i>Meets Consideration</i>	
<b>Additional Criteria for Muck Plantings</b>				
Total Graminoid seeds per square foot	>20	12.81	Not applicable	
<b>Additional requirements for General Pollinator Habitat</b>				
Required for Monarch Plantings	Diverse mix of 9 or more forb species (number)	>9	24 <i>Meets Criteria</i>	
	% Grass Species, (of Total Mix)	25-50%	42.2% <i>Meets Criteria</i>	
	% Forb Species, (of Total Mix)	50-75%	57.8% <i>Meets Criteria</i>	
	Number Early Blooming Forbs	≥ 3	14 <i>Meets Criteria</i>	
	Number Mid-Blooming Forbs	≥ 3	23 <i>Meets Criteria</i>	
	Number Late-Blooming Forbs	≥ 3	23 <i>Meets Criteria</i>	
	Big Bluestem Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	<i>Meets Criteria</i>
	Switchgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	<i>Meets Criteria</i>
	Indiangrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	< 10%	0.0%	<i>Meets Criteria</i>
	Prairie Cordgrass Seeds/ft <sup>2</sup> , Maximum % of Graminoids	≤ 10%	0.0%	<i>Meets Criteria</i>
Total Tallgrass Seeds/ft <sup>2</sup> , Maximum % Graminoids	< 25%	0.0%	<i>Meets Criteria</i>	
<b>Additional requirements for Monarch Habitat</b>				
Milkweed Percentage of Mix	> 1.5%	1.63%	<i>Meets Criteria</i>	
Percentage of Forbs High or Very High Monarch Value	> 60%	72.3%	<i>Meets Criteria</i>	



Natural Resources Conservation Service

Individual programs, or practices within programs may have other required criteria. This Criteria may change through out the year and should be verified by the planner, at the time of planning, that no updates have been issued.

Version: 2021.1.0

Select Program Year		2021
L1	Name	IN B DM Monarch 2022
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	Dropseed, Sand	<i>Sporobolus cryptandrus</i> 1.200
G2	Bluestem, Little	<i>Schizachyrium scoparium</i> 10.000
G3	Sedge, Fox	<i>Carex vulpinoidea</i> 1.200
G4	Sideoats Grama	<i>Bouteloua curtipendula</i> 8.000
G5		
G6		
G7		
G8		
G9		
G10		
F1	Black-eyed Susan	<i>Rudbeckia hirta</i> 1.200
F2	Common Evening Primrose	<i>Oenothera biennis</i> 1.200
F3	Mountain Mint, Slender	<i>Pycnanthemum tenuifolium</i> 0.080
F4	Coreopsis, Lanceleaf	<i>Coreopsis lanceolata</i> 4.000
F5	Prairie Cinquefoil	<i>Potentilla arguta</i> 0.080
F6	Bergamot, Wild	<i>Monarda fistulosa</i> 1.600
F7	Hyssop, Lavendar	<i>Agastache foeniculum</i> 0.160
F8	Beardtongue, Foxglove	<i>Penstemon digitalis</i> 0.160
F9	Goldenrod, Field	<i>Solidago nemoralis</i> 0.160
F10	Sunflower, Maximilian's	<i>Helianthus maximiliani</i> 2.000
F11	Coneflower, Gray-headed	<i>Ratibida pinnata</i> 0.800
F12	Bundleflower, Illinois	<i>Desmanthus illinoensis</i> 4.000
F13	Prairie Clover, Purple	<i>Dalea purpurea</i> 1.600
F14	Milkvetch, Canadian	<i>Astragalus canadensis</i> 0.800
F15	Prairie Clover, White	<i>Dalea candida</i> 0.800
F16	Aster, Calico	<i>Symphyotrichum lateriflorum</i> 0.080
F17	Vervain, Hoary	<i>Verbena stricta</i> 0.400
F18	Partridge Pea	<i>Chamaecrista fasciculata</i> 4.000
F19	Coneflower, Purple	<i>Echinacea purpurea</i> 2.000
F20	Aster, New England	<i>Symphyotrichum novae-angliae</i> 0.16
F21	Milkweed, Common	<i>Asclepias syriaca</i> 2.8
F22	Milkweed, Butterfly	<i>Asclepias tuberosa</i> 2.4
F23	Aster, Frost	<i>Symphyotrichum pilosum</i> 0.08
F24	Brown-eyed Susan	<i>Rudbeckia triloba</i> 0.16
F25		
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%	42.2%	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	24.00	Meets Criteria
Number Early Blooming Forbs	>3	14.00	Meets Criteria
Number Mid-Blooming Forbs	>3	23.00	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	24.00	Meets Criteria
Number Early Blooming Forbs	>3	14.00	Meets Criteria
Number Mid-Blooming Forbs	>3	23.00	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	24.00	Meets Criteria
Number Early Blooming Forbs	>3	14.00	Meets Criteria
Number Mid-Blooming Forbs	>3	23.00	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%	42.2%	Meets Criteria
Diverse mix of 10 or more forb species (number)	>10	24.00	Meets Criteria
Number Early Blooming Forbs	>3	14.00	Meets Criteria
Number Mid-Blooming Forbs	>3	23.00	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

<b>Select Program Year</b>		<b>2021</b>	
L1	Name	IN B DM Monarch 2022	
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	Dropseed, Sand	<i>Sporobolus cryptandrus</i>	1.200
G2	Bluestem, Little	<i>Schizachyrium scoparium</i>	10.000
G3	Sedge, Fox	<i>Carex vulpinoidea</i>	1.200
G4	Sideoats Grama	<i>Bouteloua curtipendula</i>	8.000
G5			
G6			
G7			
G8			
G9			
G10			
F1	Black-eyed Susan	<i>Rudbeckia hirta</i>	1.200
F2	Common Evening Primrose	<i>Oenothera biennis</i>	1.200
F3	Mountain Mint, Slender	<i>Pycnanthemum tenuifolium</i>	0.080
F4	Coreopsis, Lanceleaf	<i>Coreopsis lanceolata</i>	4.000
F5	Prairie Cinquefoil	<i>Potentilla arguta</i>	0.080
F6	Bergamot, Wild	<i>Monarda fistulosa</i>	1.600
F7	Hyssop, Lavendar	<i>Agastache foeniculum</i>	0.160
F8	Beardtongue, Foxglove	<i>Penstemon digitalis</i>	0.160
F9	Goldenrod, Field	<i>Solidago nemoralis</i>	0.160
F10	Sunflower, Maximilian's	<i>Helianthus maximiliani</i>	2.000
F11	Coneflower, Gray-headed	<i>Ratibida pinnata</i>	0.800
F12	Bundleflower, Illinois	<i>Desmanthus illinoensis</i>	4.000
F13	Prairie Clover, Purple	<i>Dalea purpurea</i>	1.600
F14	Milkvetch, Canadian	<i>Astragalus canadensis</i>	0.800
F15	Prairie Clover, White	<i>Dalea candida</i>	0.800
F16	Aster, Calico	<i>Symphotrichum lateriflorum</i>	0.080
F17	Vervain, Hoary	<i>Verbena stricta</i>	0.400
F18	Partridge Pea	<i>Chamaecrista fasciculata</i>	4.000
F19	Coneflower, Purple	<i>Echinacea purpurea</i>	2.000
F20	Aster, New England	<i>Symphotrichum novae-angliae</i>	0.16
F21	Milkweed, Common	<i>Asclepias syriaca</i>	2.8
F22	Milkweed, Butterfly	<i>Asclepias tuberosa</i>	2.4
F23	Aster, Frost	<i>Symphotrichum pilosum</i>	0.08
F24	Brown-eyed Susan	<i>Rudbeckia triloba</i>	0.16
F25			
F26			
F27			
F28			
F29			
F30			

Individual programs, or practices within programs may have other required criteria. This Criteria may change through out the year and should be verified by the planner, at the time of planning, that no updates have been issued.

Version: 2021.1.0

<b>Practice Design Check Sheet</b>			
<b>Program Specific Criteria</b>		<b>Program Year</b>	
		<b>2021</b>	
<b>420 Wildlife Habitat Planting EQIP Practices Additional Criteria (In addition to GENERAL CRITERIA)</b>			
<b>Requirement</b>	<b>Criteria</b>	<b>Mix or Component</b>	<b>Criteria Met</b>
<b>Native Species</b>			
Total Forb Species Minimum	5	24.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	20	30.39	Meets Criteria
<b>Pollinator Species</b>			
Total Forb Species Minimum	9	24.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	25	30.39	Meets Criteria
<b>Specialized Habitat</b>			
Total Forb Species Minimum	15	24	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	30.4	Meets Criteria
<b>Specialized Habitat (Monarch)</b>			
Total Forb Species Minimum	SEE MONARCH	2	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	30.4	Meets Criteria
<b>Interseeding (Pollinator)</b>			
Total Forb Species Minimum	9	24	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	15	17.6	Meets Criteria

<b>420 Wildlife Habitat Planting Check- ACEP- WRE Practices Additional Criteria New Planting</b>			
<b>Requirement</b>	<b>Criteria</b>	<b>Mix or Component</b>	<b>Criteria Met</b>
Graminoid Seeds/ft <sup>2</sup> , Percent of Mix Range	40-60%	42.2%	Meets Criteria
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Percent of Mix Rang	40-60%	57.8%	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30-40+	30.39	Meets Criteria
Total Forb Species	≥ 9	24	Meets Criteria
Number Early Blooming Forbs	≥ 3	14	Meets Criteria
Number Mid-Blooming Forbs	≥ 3	23	Meets Criteria
Number Late-Blooming Forbs	≥ 3	23	Meets Criteria
Milkweed Species	≥ 1	2	Meets Criteria



Natural Resources Conservation Service

Individual programs, or practices within programs may have other required criteria. This Criteria may change through out the year and should be verified by the planner, at the time of planning, that no updates have been issued.

Version: 2021.1.0

<b>Select Program Year</b>		<b>2021</b>
L1	Name	IN B DM Monarch 2022
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	Dropseed, Sand	<i>Sporobolus cryptandrus</i> 1.200
G2	Bluestem, Little	<i>Schizachyrium scoparium</i> 10.000
G3	Sedge, Fox	<i>Carex vulpinoidea</i> 1.200
G4	Sideoats Grama	<i>Bouteloua curtipendula</i> 8.000
G5		
G6		
G7		
G8		
G9		
G10		
F1	Black-eyed Susan	<i>Rudbeckia hirta</i> 1.200
F2	Common Evening Primrose	<i>Oenothera biennis</i> 1.200
F3	Mountain Mint, Slender	<i>Pycnanthemum tenuifolium</i> 0.080
F4	Coreopsis, Lanceleaf	<i>Coreopsis lanceolata</i> 4.000
F5	Prairie Cinquefoil	<i>Potentilla arguta</i> 0.080
F6	Bergamot, Wild	<i>Monarda fistulosa</i> 1.600
F7	Hyssop, Lavendar	<i>Agastache foeniculum</i> 0.160
F8	Beardtongue, Foxglove	<i>Penstemon digitalis</i> 0.160
F9	Goldenrod, Field	<i>Solidago nemoralis</i> 0.160
F10	Sunflower, Maximilian's	<i>Helianthus maximiliani</i> 2.000
F11	Coneflower, Gray-headed	<i>Ratibida pinnata</i> 0.800
F12	Bundleflower, Illinois	<i>Desmanthus illinoensis</i> 4.000
F13	Prairie Clover, Purple	<i>Dalea purpurea</i> 1.600
F14	Milkvetch, Canadian	<i>Astragalus canadensis</i> 0.800
F15	Prairie Clover, White	<i>Dalea candida</i> 0.800
F16	Aster, Calico	<i>Symphyotrichum lateriflorum</i> 0.080
F17	Vervain, Hoary	<i>Verbena stricta</i> 0.400
F18	Partridge Pea	<i>Chamaecrista fasciculata</i> 4.000
F19	Coneflower, Purple	<i>Echinacea purpurea</i> 2.000
F20	Aster, New England	<i>Symphyotrichum novae-angliae</i> 0.16
F21	Milkweed, Common	<i>Asclepias syriaca</i> 2.8
F22	Milkweed, Butterfly	<i>Asclepias tuberosa</i> 2.4
F23	Aster, Frost	<i>Symphyotrichum pilosum</i> 0.08
F24	Brown-eyed Susan	<i>Rudbeckia triloba</i> 0.16
F25		
F26		
F27		
F28		
F29		
F30		

<b>Practice Design Check Sheet</b>			
Program Specific Criteria		Program Year	
		<b>2021</b>	
420 Wildlife Habitat Planting CSP Practices Additional Criteria (In addition to GENERAL CRITERIA)			
Requirement	Criteria	Mix or Component	Criteria Met
<b>E420A (E327A)</b>			
Total Forb Species Minimum	9	24.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	15	30.39	Meets Criteria
<b>E420B (E327B)</b>			
Total Forb Species Minimum	9	24.00	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	15	30.39	Meets Criteria
E420B only- Monarch Requirements	SEE MONARCH	2.0	Meets Criteria
<b>Native Species +E420A/B (E327A)</b>			
Total Forb Species Minimum	14	24	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	30.4	Meets Criteria
<b>Pollinator Species+E420A/B</b>			
Total Forb Species Minimum	16	24	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	30.4	Meets Criteria
<b>Specialized Habitat+E420A/B</b>			
Total Forb Species Minimum	24	24	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	30	30.4	Meets Criteria