



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 F M-WM MCM Interseeding 2021
L2	Farm	Pheasants Forever
L3	Tract	
L4	Fields	
Version: 2021.1.0		
Seeding Mix		
	Common Name	Scientific Name
		Ounces Per Acre (PLS)
G1		
G2		
G3		
G4		
G5		
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	Sunflower, Maximilian's	<i>Helianthus maximiliani</i> 1.000
F9	Milkvetch, Canadian	<i>Astragalus canadensis</i> 0.640
F10	Coneflower, Purple	<i>Echinacea purpurea</i> 2.000
F11	Golden Alexander's	<i>Zizia aurea</i> 0.320
F12	Aster, New England	<i>Symphyotrichum novae-angliae</i> 0.080
F13		
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F18		
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Practice Design Check Sheet			
Practice General Criteria			
420 Wildlife Habitat Planting General Wildlife			
Requirement	Criteria	Mix or Component	Criteria Met
Minimum Criteria (Required) For All New Plantings			
Percentage Graminoids (seeds per sq. ft)	25-65%	0.0%	See Interseeding Criteria
Percentage Forbs (seeds per sq. ft)	35-75%	100.0%	See Interseeding Criteria
Total Seeds/ft ² , Minimum	20-40+	10.4	See Interseeding Criteria
Total Graminoid Species	≥ 2	0	See Interseeding Criteria
Total Forb Species	≥ 5	12	See Interseeding Criteria
Total Perennial Legume	≥ 1	1	See Interseeding Criteria
No Species Errors	0	0	See Interseeding Criteria
Seeding Meets Practice Criteria (All Criteria = Meets Criteria)	7.00	0	See Interseeding Criteria
Minimum Criteria (Required) For Interseeding Forbs Only Plantings			
Total Seeds/ft ² , Minimum	10-20+	10.4	Meets Criteria
Total Forb Species	≥ 5	12	Meets Criteria
Total Perennial Legume	≥ 1	1	Meets Criteria
No Species Errors	0%	0	Meets Criteria
Seeding Meets Practice Criteria (All Criteria = Meets Criteria)	4.00	4	Meets Criteria
Considerations (encouraged, not required)			
Maximum Percentage Single Forb Species, (of Forb Component)	≤ 20%	16%	Meets Consideration
Maximum Percentage Annual and Biennial Forbs, (of Forb Component)	≤ 33%	32.0%	Meets Consideration
Big Bluestem Seeds/ft ² , Maximum % of Graminoids	< 10%	0.0%	Meets Consideration
Switchgrass Seeds/ft ² , Maximum % of Graminoids	≤ 10%	0.0%	Meets Consideration
Indiangrass Seeds/ft ² , Maximum % of Graminoids	≤ 10%	0.0%	Meets Consideration
Prairie Cordgrass Seeds/ft ² , Maximum % of Graminoids	≤ 10%	0.0%	Meets Consideration
Total Tallgrass Seeds/ft ² , Maximum % Graminoids	≤ 25%	0%	Meets Consideration
Additional Criteria for Muck Plantings			
Total Graminoid seeds per square foot	>20	0.00	Not Applicable
Additional requirements for General Pollinator Habitat			
Diverse mix of 9 or more forb species (number)	>9	12	Meets Criteria
% Grass Species, (of Total Mix)	25-50%	0.0%	Interseeding No Grass Required
% Forb Species, (of Total Mix)	50-75%	100.0%	Interseeding Forbs Only
Number Early Blooming Forbs	≥ 3	6	Meets Criteria
Number Mid-Blooming Forbs	≥ 3	12	Meets Criteria
Number Late-Blooming Forbs	≥ 3	10	Meets Criteria
Big Bluestem Seeds/ft ² , Maximum % of Graminoids	< 10%	0.0%	N/A
Switchgrass Seeds/ft ² , Maximum % of Graminoids	< 10%	0.0%	N/A
Indiangrass Seeds/ft ² , Maximum % of Graminoids	< 10%	0.0%	N/A
Prairie Cordgrass Seeds/ft ² , Maximum % of Graminoids	≤ 10%	0.0%	N/A
Total Tallgrass Seeds/ft ² , Maximum % Graminoids	< 25%	0.0%	N/A
Additional requirements for Monarch Habitat			
Milkweed Percentage of Mix	> 1.5%	0.00%	Does Not Meet Criteria
Percentage of Forbs High or Very High Monarch Value	> 60%	N/A	N/A

Required Inter-seeding

Required for Pollinator Plantings



Natural Resources Conservation Service

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Select Program Year		2021	
L1	Name	IN F M-WM MCM Interseeding 2021	
L2	Farm	Pheasants Forever	
L3	Tract		
L4	Fields		
Version: 2021.1.0			
Seeding Mix			
	Common Name	Scientific Name	
		Ounces Per Acre (PLS)	
G1			
G2			
G3			
G4			
G5			
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	Sunflower, Maximilian's	<i>Helianthus maximiliani</i>	1.000
F9	Milkvetch, Canadian	<i>Astragalus canadensis</i>	0.640
F10	Coneflower, Purple	<i>Echinacea purpurea</i>	2.000
F11	Golden Alexander's	<i>Zizia aurea</i>	0.320
F12	Aster, New England	<i>Symphyotrichum novae-angliae</i>	0.080
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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
Additional requirements for CP42 CRP Pollinators			
Meets pollinator general criteria (# Criteria met)	11	4	Does Not Meet Criteria
% Grass Species, (of Total Mix)	25-50%	0.0%	Does Not Meet Criteria
Additional Requirements for SAFE 38E Northern Bobwhite, Henslow's Sparrow, and Ring-necked Pheasant			
Mix meets 50 point requirements for EBI N1A CP2	TRUE	FALSE	Does Not Meet Criteria
Mix meets 50 point requirements for EBI N1A CP4D	TRUE	FALSE	Does Not Meet Criteria
Additional Requirements for SAFE 38E Henslow Sparrow Plantings			
Diverse mix of 9 or more forb species (number)	>9	12.00	Meets Criteria
Number Early Blooming Forbs	>3	6.00	Meets Criteria
Number Mid-Blooming Forbs	>3	12.00	Meets Criteria
Number Late-Blooming Forbs	>3	10.00	Meets Criteria
Review Forb List for inclusion perching locations	> 2	Check Forb List	Verify At Least 2 Present*
Additional Requirements for SAFE 38E Northern Bobwhite AND CP33 Field Border for Northern Bobwhite			
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
Additional Requirements for CP25 Tallgrass Prairie			
Diverse mix of 10 or more forb species (number)	≥10	12.00	Meets Criteria
Number Early Blooming Forbs	>3	6.00	Meets Criteria
Number Mid-Blooming Forbs	>3	12.00	Meets Criteria
Number Late-Blooming Forbs	>3	10.00	Meets Criteria
Total Tallgrass Seeds/ft2, Maximum % Graminoids	≥15%	0.0%	Does Not Meet Criteria
Additional Requirements for CP25 Short-Stature Prairie			
Diverse mix of 10 or more forb species (number)	≥10	12.00	Meets Criteria
Number Early Blooming Forbs	>3	6.00	Meets Criteria
Number Mid-Blooming Forbs	>3	12.00	Meets Criteria
Number Late-Blooming Forbs	>3	10.00	Meets Criteria
Total Tallgrass Seeds/ft2, Maximum % Graminoids	0%	0.0%	Meets Criteria
Additional Requirements for CP43 Prairie Strips			
% Grass Species, (of Total Mix)	40-60%	0.0%	Does Not Meet Criteria
Diverse mix of 10 or more forb species (number)	>10	12.00	Meets Criteria
Number Early Blooming Forbs	>3	6.00	Meets Criteria
Number Mid-Blooming Forbs	>3	12.00	Meets Criteria
Number Late-Blooming Forbs	>3	10.00	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.



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L2	Farm	Pheasants Forever	
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L4	Fields		
Version: 2021.1.0 Seeding Mix			
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		Ounces Per Acre (PLS)	
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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	Sunflower, Maximilian's	<i>Helianthus maximiliani</i>	1.000
F9	Milkvetch, Canadian	<i>Astragalus canadensis</i>	0.640
F10	Coneflower, Purple	<i>Echinacea purpurea</i>	2.000
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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
Native Species			
Total Forb Species Minimum	5	12.00	Meets Criteria
Total Seeds/ft ² , Minimum	20	10.43	Does Not Meet Criteria
Pollinator Species			
Total Forb Species Minimum	9	12.00	Meets Criteria
Total Seeds/ft ² , Minimum	25	10.43	Does Not Meet Criteria
Specialized Habitat			
Total Forb Species Minimum	15	12	Does Not Meet Criteria
Total Seeds/ft ² , Minimum	30	10.4	Does Not Meet Criteria
Specialized Habitat (Monarch)			
Total Forb Species Minimum	SEE MONARCH	0	Does Not Meet Criteria
Total Seeds/ft ² , Minimum	30	10.4	Does Not Meet Criteria
Interseeding (Pollinator)			
Total Forb Species Minimum	9	12	Meets Criteria
Total Seeds/ft ² , Minimum	15	10.4	Does Not Meet Criteria

420 Wildlife Habitat Planting Check- ACEP- WRE Practices Additional Criteria New Planting			
Requirement	Criteria	Mix or Component	Criteria Met
Graminoid Seeds/ft ² , Percent of Mix Range	40-60%	0.0%	Does Not Meet Criteria
Forb & Sub-shrub Seeds/ft ² , Percent of Mix Rang	40-60%	100.0%	Does Not Meet Criteria
Total Seeds/ft ² , Minimum	30-40+	10.43	Does Not Meet Criteria
Total Forb Species	≥ 9	12	Meets Criteria
Number Early Blooming Forbs	≥ 3	6	Meets Criteria
Number Mid-Blooming Forbs	≥ 3	12	Meets Criteria
Number Late-Blooming Forbs	≥ 3	10	Meets Criteria
Milkweed Species	≥ 1	0	Does Not Meet Criteria



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Version: 2021.1.0 Seeding Mix		
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Practice Design Check Sheet			
Program Specific Criteria		Program Year	
		2021	
420 Wildlife Habitat Planting CSP Practices Additional Criteria (In addition to GENERAL CRITERIA)			
Requirement	Criteria	Mix or Component	Criteria Met
E420A (E327A)			
Total Forb Species Minimum	9	12.00	Meets Criteria
Total Seeds/ft ² , Minimum	15	10.43	Does Not Meet Criteria
E420B (E327B)			
Total Forb Species Minimum	9	12.00	Meets Criteria
Total Seeds/ft ² , Minimum	15	10.43	Does Not Meet Criteria
E420B only- Monarch Requirements	SEE MONARCH	0.0	Does Not Meet Criteria
Native Species +E420A/B (E327A)			
Total Forb Species Minimum	14	12	Does Not Meet Criteria
Total Seeds/ft ² , Minimum	30	10.4	Does Not Meet Criteria
Pollinator Species+E420A/B			
Total Forb Species Minimum	16	12	Does Not Meet Criteria
Total Seeds/ft ² , Minimum	30	10.4	Does Not Meet Criteria
Specialized Habitat+E420A/B			
Total Forb Species Minimum	24	12	Does Not Meet Criteria
Total Seeds/ft ² , Minimum	30	10.4	Does Not Meet Criteria