Job Sheet for Seeding										
Planned by:	2022 MO Mix 37 CP21 O	ctober-15-2021	Date:		Co	unty:				
Client:			Address:		00	unty.				
Farm(s):		Tract(s):		Fields:		CIN#:				
Acres:	1.00	Program:				_				
Primary / Cost-shared FOTG Pra	actice:	Wildlife Habitat Plantin	ig (420)	Secondar	y FOTG Prac	ctice:				
Primary Purpose of Seeding:										
Site Soil Group:			OR	Ecological Site:						
Additional Information:										
	Seedbo	ed Preparation	for Grass	and/or Forh		e Seeding				
Current Conditions:	Occubi				/Legum	coccurry				
Conditions Desired at Planting:	a pollinator forb only Suppressed existing v	; for example from intro planting)	oduced cool seas er-seeding of leg	on grasses to nativ umes on pasturela	ve warm seas	on grasses or from warm sea				
Seed Mix Contains:	Cool Season Grasse		arm Season Gras	ses (majority)	Native F		duced Legumes			
Planting Method:		Interseeding:		anting Season:			Juced Legumes			
Acceptable Planting Dates:		Optimal Plant								
, toop able i laining bateoi		-								
Seedbed Prep:										
Seed Placement:										
Additional Instructions:										
Fertilizer and Lime										
Planned										
Is Fertilizer and/or Lime Needed	?									
and/or fertilizer). Apply fer	ned practices require soil a tilizer and/or lime accordir ned practices require soil a	mendments be applied of to soil test recommen	according to a rendations as indica	cent soil test (less ited below.	than 4 years	old and after the most recei	nt application of liming material a recent soil test is not available			
Soil Test Recommendations										
Salt pH from soil test results:		-	Lime* N	P ₂ O ₅	K ₂ O					
		lbs/ac Total Needed	Not req. 0	0	0					
Blanket rates for constructed fills current soil test is not availat What legumes are included in the When to apply lime:	ble:	lbs/ac Total Needed ne Alfalfa C	#N/A #N/A	nes other than Alf	alfa	Warm Season Legumes				
When to apply fertilizer:	No fertilizer will be applied	I. Soil nutrients are with	nin ranges require	ed for the planned	species that	will be planted.				

Additional Information:					
Companion Crop Specifications					
	hed prior to or at the same time as a permanent s ed and managed to minimize competion with the p		legumes.		
Planned Companion Crop:	None Planned Redtop Spring Oats	Winter Wheat	Rate per Acre (lbs):	Total Bulk Lbs to Seed:	
Additional Information:					
Applied					
Companion Crop Planted:		Total Lb			
Redtop Spring	Oats Winter Wheat	Bulk Lbs Planted:	0.0		

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Seeding Mix Summary												
Acres to be Seeded:	1.00											
Practice Adjustment Factor:			Broadca	st Adjustme	ent Factor:			Intersee	ding Adjus	ment Factor:	1	
Apply Adjustment Factors to:							-					
Planned Seed Mix	-	Seed Mix Purchased and Planted										
Species	Acceptable Cultivar(s)	PLS lbs/ac	Total PLS Ibs Needed	Bulk Ibs Seeded	% Purity	% Germ	% Dormant/ Hard Seed	PLS lbs Planted	Shortage/ Excess	% of Mix	Cultivar OR Origin for MO Source Identified Class Seed	Meets all Require- ments
Little Bluestem, Schizachyrium scoparium	Aldous (statewide), Camper (north MO), Cimarron (south MO - sandy sites only), Ozark (statewide), Yellow Tag (statewide)	2.900	2.900						-2.900			
Sideoats Grama, Bouteloua curtipendula	Butte (north MO), El Reno (statewide), Trailway (statewide), Yellow Tag (statewide)	3.285	3.285						-3.285			

Switchgrass, Panicum virgatum	Alamo (south MO - lowland sites), Blackwell (statewide), Cave-In-Rock (statewide), Kanlow (statewide - lowland sites), Nebraska 28 (north MO), Pathfinder (north MO), Trailblazer (north MO), Yellow Tag (statewide)	1.340	1.340			-1.340		
Virginia Wildrye, Elymus virginicus	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	5.220	5.220			-5.220		
Alfalfa, Medicago sativa		3.850	3.850			-3.850		
Black-eyed Susan (B), Rudbeckia hirta		0.080	0.080			-0.080		
Blue Lobelia, Lobelia siphilitica		0.008	0.008			-0.008		
Canada Milkvetch, Astragalus		0.049	0.049			-0.049		
canadensis Common Evening Primrose (B),		0.039	0.039			-0.039		
Oenothera biennis False Sunflower, Heliopsis helianthoides		0.050	0.050			-0.050		
Foxglove Beardtongue, Penstemon digitalis		0.030	0.030			-0.030		
Golden Alexanders, Zizia aurea		0.070	0.070			-0.070		
Gray Goldenrod, Solidago		0.040	0.040			-0.040		
nemoralis Gray-headed Coneflower, Ratibida pinnata	Available: Sunglow (statewide)	0.055	0.055			 -0.055		
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150			-0.150		

Valural Resources Conserval											Revised 9/201
Lanceleaf Coreopsis, Coreopsis lanceolata		0.100	0.100						-0.100		
Maximilian Sunflower, Helianthus maximiliani		0.010	0.010						-0.010		
Partridge Pea (A), Chamaecrista fasciculata	Available: Riley (statewide), Lark Selection (statewide)	0.100	0.100						-0.100		
Prairie Cinquefoil, Drymocallis arguta		0.039	0.039						-0.039		
Purple Coneflower, Echinacea purpurea		0.150	0.150						-0.150		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.225	0.225						-0.225		
Smooth Aster, Symphyotrichum laeve		0.010	0.010						-0.010		
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.010	0.010						-0.010		
Upright Prairie Coneflower, Ratibida columnifera		0.100	0.100						-0.100		
White Prairie Clover, Dalea candida		0.020	0.020						-0.020		
Wild Bergamot, Monarda fistulosa		0.070	0.070						-0.070		
	Total Planned:	18.000	18.000								
Planned Grasses PLS/ft ² :		Total PLS lbs. Forbs Planted:									
Planned Forbs/Legumes PLS/ft ² :	• • • • •	Total % of Mix:									
Planned Total PLS/ft ² :	88.00			% of	mix of ann	ual/biennia	l species:				
Customer and Seed Dealer Pleas	- Note	_									

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Customer and Seed Dealer Please Note:

Only viable, high quality and adapted seed will be used. All seed shall have a current seed test within 10 months of the planting date that lists germination, purity, and hard seed as a percentage for determining pure live seed and lists the percent of weed seed present that meets State seed quality law standards. Seed test results must be provided to the customer and USDA for confirmation that seed planted meets specifications outlined in this plan. Seed must be clean and relatively free of weed seed and contaminants. Seed that has become wet, moldy, or otherwise damaged in transit or storage is not acceptable. Certified seed is preferred but not required unless Missouri Source Identified Class Seed, or yellow tag, is denoted as being required.

Legume seed shall be inoculated with the proper, viable Rhizobium bacteria species prior to planting according to Missouri Agronomy Technical Note MO-36, "Legume Inoculation." Pre-inoculated seed shall be planted prior to the expiration date on the inoculum tag or be re-inoculated with the appropriate inoculum within 24 hours prior to seeding. Inoculated seed will not be exposed to direct sunlight. Inoculation of legumes may be waived when a current pasture inventory (JS-AGRON-24 or similar inventory) shows that the legume species to be seeded occupies more than 5 percent of the vegetative cover on the site prior to seeding.

For "Acceptable Cultivar(s)," north Missouri (MO) is all counties north of Bates, Henry, Benton, Morgan, Moniteau, Cole, Osage, Gasconade, Franklin, and St. Louis Counties. South Missouri is all counties including and south of those listed. Refer to Native Cultivars or Selections Information Sheet (IS-MO723N) for guidance on selecting the appropriate native grass cultivars to meet objectives. In all cases where a cultivar(s) is/are noted under the Acceptable Cultivar(s) heading above, Missouri Source Identified Class Seed (yellow tag seed) may be used instead of a cultivar variety or selection.

The following information applies only if "Locally adapted Missouri Source Identified Class Seed (yellow tag) required" is shown under the "Acceptable Cultivar(s)" heading above: Locally adapted Missouri Source Identified Class Seed, or yellow tag, is defined as a native plant that source genetically originated in Missouri, was not introduced, and existed within the state borders prior to arrival of settlers. All seed from herbaceous material shall comply with Missouri seed laws including Missouri Crop Improvement Association guidance. All seed will comply with AOSCA (Association of Official Seed Certifying Agencies) certification procedures (including appropriate tagging) to include third-party verification by the Missouri origin (grown in Missouri) and certified as Missouri Source Identified Class. Source Identified Class. Seed must be Missouri origin (grown in Missouri) and certified as Missouri Source Identified Class. Source Identified Class. source, and lack of noxious weeds; and seed is certified for purity and germination. If Missouri origin (grown) source identified class seed is not available, Missouri source identified class seed may be obtained from adjoining states.

Mulching Specifications (After Grass Seeding)										
Type of Mulch Required: None	Straw, Grass Hay, Al	alfa Hay - 1 1/2 to 2 1/2 To	ns/Acre							
Amount of Mulch Required for This Site:	Amount of Mulch Required for This Site:									
Minimum Rate (lbs):	3,000 OR	Tons: 1.50	Maximum Rate (lbs): 5,000	OR Tons: 2	.5					
Additional Information: n/a										
Applied										
Type of Mulch Used:										
Number of Bales:	Bale	Weight, lbs:	Mulch Applied, Tons:	Excess/Shortage	e, Tons:					
Based on the information in this job shee	et, all requirements for this se	eding should be completed	by:	Year:						
Was site prep completed as	s outlined above?									
Seeding was completed on		to the above requirements	i.							
	(Date)									
Producer's or Contr	actor's Signature		Date							
For NRCS Use Only:										
Does this seeding meet all NRCS standard	Does this seeding meet all NRCS standards and specifications and was implemented as planned above?									
Certified by:										
NRCS	Representative		Date	Field Office						
Additional Comments:										
When seeding is completed, return seeding plan to the Natural Resources Conservation Service with all receipts pertaining to this seeding (seed, fertilzer, lime, mulch,										
companion crop, labor, drill rental, etc.) and seed tests, including tags for yellow tag seed.										