Job Sheet for Seeding												
		00	DUICCEIU	occumy								
Planned by:	2022 MO Mix 31 CP38E-42	Sand October-15-2	Date:		Co	unty:						
Client:			Address:									
Farm(s):		Tract(s):		Fields:		CIN#:						
Acres:	1.00	Program:										
Primary / Cost-shared FOTG Pr	actice: V	Vildlife Habitat Plantin	g (420)	Secondar	y FOTG Prac	ctice:						
Primary Purpose of Seeding:												
Site Soil Group:			OR	Ecological Site:								
Additional Information:												
	Q a a alla a a		fan O naaa	an dian Eank	//							
	Seedbed	d Preparation	for Grass	and/or Forb	/Legum	e Seeding						
Current Conditions:												
	Row crop stubble or till	ed seed bed (to incor	porate amendme	nts, level field, or f	ollowing con	struction operations)						
	Killed sod (renovation;	Killed sod (renovation; for example from introduced cool season grasses to native warm season grasses or from warm season grasses to										
Conditions Desired at Planting:	a pollinator forb only pl	lanting)										
	O Suppressed existing ver	getation, as for an inte	er-seeding of leg	umes on pasturela	nd or native	forbs on natural communitie	!S					
	Slopes that are 4:1 or st	teeper that will receive	e a critical area pl	anting (broadcast	planting met	hod only)						
					_							
Seed Mix Contains:	Cool Season Grasses		arm Season Gras		Native F	Forbs Native/Introd	uced Legumes					
Planting Method:		Interseeding:		anting Season:								
Acceptable Planting Dates:		Optimal Plant	ing Dates:									
Seedbed Prep:												
	-											
Seed Placement:												
Additional Instructions:												
Fertilizer and Lime												
Planned												
Is Fertilizer and/or Lime Needed												
Program rules and/or plan	ned practice(s) do not require	e soil amendments (e	kample - general	CRP plantings, wild	dlife planting	js on cropland)						
	ned practices require soil ame tilizer and/or lime according				than 4 years	old and after the most recer	nt application of liming material					
					anting (342)	as indicated below because a	a recent soil test is not available					
(as for constructed fills and												
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	when a	lbs/ac	#N/A									
current soil test is not availab	ole:	Total Needed	#N/A									
What legumes are included in the	e seed mix?	Alfalfa C	ool Season Legu	mes other than Alf	alfa	Warm Season Legumes						
Million to annulo "												
When to apply lime:												
Million to enable for the												
When to apply fertilizer:	No fertilizer will be applied.	Soil nutrients are with	in ranges require	d for the planned	species that	will be planted.						

Additional Information:					
Companion Crop Specifications					
	hed prior to or at the same time as a permanent and managed to minimize competion with the		or 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:	Oats Winter Wheat	Total Bulk Lbs Planted:	Lbs/Ac 0.0		

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Seeding Mix Summary												
Acres to be Seeded:	1.00											
Practice Adjustment Factor:		Broadcast Adjustment Factor: Interseeding Adjustment Factor: 1										
Apply Adjustment Factors to:							-				<u>.</u>	
Planned Seed Mix Seed Mix Purchased and Planted												
Species	Acceptable Cultivar(s)	PLS Ibs/ac	Total PLS Ibs Needed	Bulk lbs 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
Black-eyed Susan (B), Rudbeckia hirta		0.030	0.030						-0.030			
Blue Lobelia, Lobelia siphilitica		0.010	0.010						-0.010			
Canada Milkvetch, Astragalus canadensis		0.075	0.075						-0.075			
Common Evening Primrose (B), Oenothera biennis		0.020	0.020						-0.020			
False Sunflower, Heliopsis helianthoides		0.140	0.140						-0.140			
Foxglove Beardtongue, Penstemon digitalis		0.030	0.030						-0.030			
Golden Alexanders, Zizia aurea		0.075	0.075						-0.075			
Gray Goldenrod, Solidago nemoralis		0.030	0.030						-0.030			
Gray-headed Coneflower, Ratibida pinnata	Available: Sunglow (statewide)	0.148	0.148						-0.148			
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150						-0.150			
Lanceleaf Coreopsis, Coreopsis lanceolata		0.157	0.157						-0.157			
Maximilian Sunflower, Helianthus maximiliani		0.010	0.010						-0.010			
Pale Purple Coneflower, Echinacea pallida		0.030	0.030						-0.030			
Partridge Pea (A), Chamaecrista fasciculata	Available: Riley (statewide), Lark Selection (statewide)	0.130	0.130						-0.130			
Prairie Cinquefoil, Drymocallis		0.019	0.019						-0.019			
arguta Purple Coneflower, Echinacea purpurea		0.360	0.360						-0.360			
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.300	0.300						-0.300			
Rattlesnake Master, Eryngium yuccifolium		0.020	0.020						-0.020			
Roundhead Lespedeza, Lespedeza capitata	Available: Kanoka (statewide)	0.020	0.020						-0.020			
Showy Ticktrefoil, Desmodium canadense	Available: Alexander Germplasm (statewide)	0.040	0.040						-0.040			

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	Total Planned:	2.107	2.107					
Yarrow, Achillea millefolium		0.008	0.008			-0.008		
Wild Bergamot, Monarda fistulosa		0.068	0.068			-0.068		
White Prairie Clover, Dalea candida		0.097	0.097			-0.097		
Upright Prairie Coneflower, Ratibida columnifera		0.110	0.110			-0.110		
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.010	0.010			-0.010		
laeve		0.020	0.020			-0.020		

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 Crop Improvement Association of source, genetic identity, and genetic purity of wildland collected or field or nursery grown plant germplasm materials. Seed must be Missouri origin (grown in Missouri) and certified as Missouri Source Identified Class. Source Identified Certification means: parent seed is collected from natural remnant Missouri populations; no selection, testing, or breeding for specific traits; production fields are inspected to verify species, 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, Alf	alfa Hay - 1 1/2 to 2 1/2 To	ns/Acre						
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/Shorta	age, Tons:				
Based on the information in this job shee	Based on the information in this job sheet, all requirements for this seeding should be completed by:								
Was site prep completed as	s outlined above?								
Seeding was completed on		to the above requirements							
	(Date)								
Producer's or Contr	actor's Signature		Date						
For NRCS Use Only:									
Does this seeding meet all NRCS standards and specifications and was implemented as planned above?									
Certified by:									
NRCS	NRCS Representative Date Field Office								
Additional Comments:									
When seeding is completed	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.									