Job Sheet for Seeding											
Planned by:	2025 MO Mix 42		Date:		County:						
Client:		T (1)	Address:	E: II		01111					
Farm(s):	1.00	Tract(s):		Fields:		CIN#:					
Acres:	1.00	Program:	a (420)	Canadan, FC	OTC Desertions						
Primary / Cost-shared FOTG Pra	actice:	Wildlife Habitat Planting	g (420)	Secondary FC	org Practice:						
Primary Purpose of Seeding: Site Soil Group:			OR Ecolo	gical Site:							
Additional Information:			OK ECOIC	gical Site.							
Additional information.											
	Seedbo	ed Preparation	for Grass and	l/or Forb/Le	egume See	ding					
Current Conditions:											
Conditions Desired at Planting:	<ul> <li>Row crop stubble or tilled seed bed (to incorporate amendments, level field, or following construction operations)</li> <li>Killed sod (renovation; for example from introduced cool season grasses to native warm season grasses or from warm season grasses to a pollinator forb only planting)</li> <li>Suppressed existing vegetation, as for an inter-seeding of legumes on pastureland or native forbs on natural communities</li> <li>Slopes that are 4:1 or steeper that will receive a critical area planting (broadcast planting method only)</li> </ul>										
Seed Mix Contains:	Cool Season Grasse	es (majority) W:	arm Season Grasses (r	naiority)	Native Forbs	Native/Introdu	red Legumes				
Planting Method:	coor season crass.	Interseeding:		g Season:	radive Folds		cea Legames				
Acceptable Planting Dates:		Optimal Planti									
Seedbed Prep:  Seed Placement:  Additional Instructions:											
Fertilizer and Lime											
Planned											
Program rules and/or plann and/or fertilizer). Apply fert Program rules and/or plann and/or fertilizer). Apply fert program rules and/or plann (as for constructed fills and	ned practice(s) do not required practices require soil a tilizer and/or lime accordinated practices require soil a	mendments be applied a	according to a recent ndations as indicated I	soil test (less than below.	n 4 years old and	after the most recent					
Soil Test Recommendations					_						
Salt pH from soil test results:		<u> </u>	Lime* N	P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O	)						
		lbs/ac Total Needed	Not req. 0	0 0							
Blanket rates for constructed fills current soil test is not available		lbs/ac Total Needed	#N/A #N/A								
What legumes are included in the	e seed mix?	ne Alfalfa Co	ool Season Legumes o	other than Alfalfa	Warm S	Season Legumes					
When to apply lime:											
When to apply fertilizer:	No fertilizer will be applied	d. Soil nutrients are with	in ranges required for	the planned spec	cies that will be nl:	anted.					

## U.S. Department of Agriculture Natural Resources Conservation Service

Revised 9/2017

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Additional Information:						
Companion Crop Specifications						
A companion crop may be establis The companion crop will be selected				d/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:			Tota	al Lbs Lbs/Ac		
Redtop Spring	Oats Winter Wi	neat	Bulk Lbs Planted:	0.0		

Revised 9/2017

Seeding Mix Summary												
Acres to be Seeded:	1.00											
Practice Adjustment Factor:		_	Broadca	st Adjustme	ent Factor:		_	Intersee	ding Adjus	tment Factor:	1	
Apply Adjustment Factors to:							-					
Planned Seed Mix				Seed Mix F	Purchased	and Plante	ed					
Species	Acceptable Cultivar(s)	PLS lbs/ac	Total PLS lbs 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
Big Bluestem, Andropogon gerardii	Champ (statewide), Kaw (statewide), OZ-7O (statewide), Pawnee (north MO), Rountree (statewide), Yellow Tag (statewide)	1.815	1.815						-1.815			
Little Bluestem, Schizachyrium scoparium	Aldous (statewide), Camper (north MO), Cimarron (south MO - sandy sites only), Ozark (statewide), Yellow Tag (statewide)	1.460	1.460						-1.460			

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), Yellow Tag (statewide)	1.005	1.005			-1.005		
Virginia Wildrye, Elymus virginicus	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	1.740	1.740			-1.740		
Black-eyed Susan (B), Rudbeckia hirta		0.075	0.075			-0.075		
Canada Milkvetch, Astragalus canadensis		0.020	0.020			-0.020		
Common Evening Primrose (B), Oenothera biennis		0.030	0.030			-0.030		
Common Milkweed, Asclepias		0.440	0.440			-0.440		
syriaca False Sunflower, Heliopsis helianthoides		0.050	0.050			-0.050		
Foxglove Beardtongue, Penstemon digitalis		0.019	0.019			-0.019		
Golden Alexanders, Zizia aurea		0.070	0.070			-0.070		
Gray Goldenrod, Solidago nemoralis		0.010	0.010			-0.010		
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		
Lanceleaf Coreopsis, Coreopsis lanceolata		0.100	0.100			-0.100		
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Maximilian Sunflower, Helianthus	1	Ī										
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)	0.100	0.100						-0.100			
Prairie Cinquefoil, Drymocallis arguta		0.030	0.030						-0.030			
Purple Coneflower, Echinacea purpurea		0.120	0.120						-0.120			
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.129	0.129						-0.129			
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			
Smooth Aster, Symphyotrichum laeve		0.010	0.010						-0.010			
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.010	0.010						-0.010			
Swamp Milkweed, Asclepias incarnata		0.160	0.160						-0.160			
White Prairie Clover, Dalea candida		0.180	0.180						-0.180			
Wild Bergamot, Monarda fistulosa		0.070	0.070						-0.070			
		-			-		-		-			
	Total Planned:	7.968	7.968									
Planned Grasses PLS/ft <sup>2</sup> :	24.05				Total PLS	S lbs. Forbs	s Planted:					
Planned Forbs/Legumes PLS/ft <sup>2</sup> :	16.00	Total % of Mix:										
Planned Total PLS/ft <sup>2</sup> :	40.05			% of	mix of ann	ual/biennia	l species:					
Customer and Seed Dealer Disease	no Noto:											
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 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, Alfalfa Hay - 1 1/2 to 2 1/2 Tons/Acre										
Amount of Mulch Required for This Si										
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 Weig	ght, lbs:		Mulch Applied, Tons			Excess/Sh	ortage, Tons:	
						·				
Based on the information in this job sh	Based on the information in this job sheet, all requirements for this seeding should be completed by:  Year:									
Was site prep completed	d as outlined above?						_			
Seeding was completed on		according to th	ne above red	uirements.						
	(Date)									
Producer's or Co	ntractor's Signature				Date	-				
For NRCS Use Only:										
Does this seeding meet all NRCS stand	lards and specification	ns and was imp	olemented as	planned abo	ove?					
Certified by:										
NRCS Representative					Date		Fi	eld 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.										
companion crop, labor, drill rental, etc.) and seed tests, including tags for yellow tag seed.										