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.								
	Seedbo	ed Preparation	for Grass and	l/or Forb/Le	egume See	ding						
Current Conditions:												
Conditions Desired at Planting:	 Row crop stubble or tilled seed bed (to incorporate amendments, level field, or following construction operations) 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) Suppressed existing vegetation, as for an inter-seeding of legumes on pastureland or native forbs on natural communities Slopes that are 4:1 or steeper that will receive a critical area planting (broadcast planting method only) 											
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 Forbs		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 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 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.						

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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		

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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:						7	-					
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			

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Switchgrass, Panicum virgatum	Alamo (south MO - lowland sites), Blackwell (statewide), Cave-In-Rock (statewide), Kanlow (statewide - lowland sites), Nebraska 28 (north MO), Pathinder (north MO), Trailblazer (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		0.020	0.020			-0.020			
canadensis Common Evening Primrose (B),		0.030	0.030			-0.030			
Oenothera biennis Common Milkweed, Asclepias		0.220	0.220			-0.220			
syriaca False Sunflower, Heliopsis		0.050	0.050			-0.050			
helianthoides Foxglove Beardtongue,		0.019	0.019			-0.019			
Penstemon digitalis Golden Alexanders, Zizia aurea		0.070	0.070			-0.070			
Gray Goldenrod, Solidago		0.010	0.010			-0.010			
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			
Lanceleaf Coreopsis, Coreopsis lanceolata		0.100	0.100			-0.100			

Customer and Seed Dealer Please Note:

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)	0.100	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		0.080	0.080					-0.080		
Upright Prairie Coneflower, Ratibida columnifera		0.100	0.100					-0.100		
White Prairie Clover, Dalea candida		0.010	0.010					-0.010		
Wild Bergamot, Monarda fistulosa		0.070	0.070					-0.070		
	Total Planned:	7.598	7.598							
Planned Grasses PLS/ft ² :	24.05				Total PLS	Blbs. Forbs	s Planted:			
Planned Forbs/Legumes PLS/ft ² :	16.00	•					% of Mix:			
Planned Total PLS/ft ² :	40.05	·		% of	mix of ann	ual/biennia	l species:	 ·		

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)											
Amount of Mulch Required: None None		нау, Анана нау -	1 1/2 to 2 1/2	: Tons/Acre							
Minimum Rate (lbs):	3,000	OR Tor	s: 1.50	Maximum Rate (lb	c): 5.000	OR	Tons:	2.5			
William Rate (ibs).	3,000	OK 101	1.50	iviaximum rate (ib	5). 5,000	OK	10115.	2.5			
Additional Information: n/a											
Additional information: 11/a											
Applied											
Type of Mulch Used:											
Number of Bales:		Bale Weight, lb	.c.	Mulch Applied, Tor	201		Evenes/Sho	ortage, Tons:			
Number of Bales.		bale Weight, ic	5.	ividicii Applied, Toi	15.		EXC622/2110	ntage, rons.			
Rased on the information in this job she	Based on the information in this job sheet, all requirements for this seeding should be completed by:										
Was site prep completed a		i tillo occurrig oric	ala bo comple			1001.					
Seeding was completed on		cording to the ab	ove requireme	ante							
occuring was completed on	(Date)	cording to the ab	ovo roquironio	ono.							
	(,										
Producer's or Cont	ractor's Signature			Date							
For NRCS Use Only:	actor o Cignaturo			24.0							
•	ds and specifications	and was impleme	ented as plann	ed above?							
Certified by:	Does this seeding meet all NRCS standards and specifications and was implemented as planned above?										
NRCS Representative			Date		Fie	eld Office					
Additional Comments:	· ·										
When seeding is completed				ervation Service with all rece			ing (seed, fertilz	zer, lime, mulch,			
companion crop, labor, drill rental, etc.) and seed tests, including tags for yellow tag seed.											