Job Sheet for Seeding											
Planned by:	MO Mix 8 CP2		Date:		County:						
Client:		T (1)	Address:	E: 11		OIN!					
Farm(s):	1.00	Tract(s):		Fields:		CIN#:					
Acres:	1.00	Program: Wildlife Habitat Planting	~ (420)	Secondary FO	TC Dresties:						
Primary / Cost-shared FOTG Pra Primary Purpose of Seeding:	actice.	Wildlife Habitat Flanting	g (420)	Secondary FO	TG Plactice.						
Site Soil Group:			OR Ecolo	gical Site:							
Additional Information:			OK LOOK	gicai Oitc.							
Additional information.											
	Seedb	ed Preparation	for Grass and	or Forb/Le	egume Seed	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 Grass	es (maiority) W:	arm Season Grasses (n	najority)	Native Forbs	Native/Introduce	ed Legumes				
Planting Method:	coor season drass	Interseeding:		Season:	rative rolbs		ed 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 (as for constructed fills and	ned practice(s) do not required practices require soil a citilizer and/or lime accordined practices require soil a	mendments be applied a	according to a recent adations as indicated b	soil test (less than below.	4 years old and a	after the most recent a					
Soil Test Recommendations					_						
Salt pH from soil test results:		<u> </u>	Lime* N	P ₂ O ₅ K ₂ O	<u>'</u>						
		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	ther than Alfalfa	Warm S	eason Legumes					
When to apply lime:											
When to apply fertilizer:	No fertilizer will be applie	d. Soil nutrients are with	in ranges required for	the planned speci	ies that will be pla	inted.	-				

U.S. Department of Agriculture Natural Resources Conservation Service

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Additional Information:						
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Companion Crop Specifications	;					
A companion crop may be estable The companion crop will be selec				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:			Tot	al Lbs Lbs/Ac		
Redtop Spring	g Oats Winter	Wheat	Bulk Lbs Planted:	0.0		

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 Purchased and Planted												
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)	2.420	2.420						-2.420			
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)	1.340	1.340						-1.340			

Virginia Wildrye, Elymus virginicus	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	4.350	4.350			-4.350		
Black-eyed Susan (B), Rudbeckia hirta		0.075	0.075			-0.075		
Blue Lobelia, Lobelia siphilitica		0.005	0.005			-0.005		
Blue Vervain, Verbena hastata		0.010	0.010			-0.010		
Brown-eyed Susan, Rudbeckia triloba		0.008	0.008			-0.008		
Canada Milkvetch, Astragalus canadensis		0.020	0.020			-0.020		
Common Evening Primrose (B), Oenothera biennis		0.030	0.030			-0.030		
False Sunflower, Heliopsis		0.050	0.050			-0.050		
helianthoides Foxglove Beardtongue,		0.019	0.019			-0.019		
Penstemon digitalis Golden Alexanders, Zizia aurea		0.023	0.023			-0.023		
Gray Goldenrod, Solidago		0.005	0.005			-0.005		
nemoralis Gray-headed Coneflower, Ratibida pinnata	Available: Sunglow (statewide)	0.040	0.040			-0.040		
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150			-0.150		
Lanceleaf Coreopsis, Coreopsis		0.050	0.050			-0.050		
lanceolata Maximilian Sunflower, Helianthus maximiliani		0.011	0.011			-0.011		
New England Aster, Symphyotrichum novae-angliae		0.008	0.008			-0.008		
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		0.035	0.035			-0.035		
Purple Coneflower, Echinacea purpurea		0.100	0.100			-0.100		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.104	0.104			-0.104		
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		0.006	0.006				-0.006		
Upright Prairie Coneflower, Ratibida columnifera		0.060	0.060				-0.060		
White Prairie Clover, Dalea candida		0.040	0.040				-0.040	_	
Wild Bergamot, Monarda fistulosa		0.070	0.070			·	-0.070		

	Total Planned:	9.249	9.249		
Planned Grasses PLS/ft ² :	25.97			Total PLS lbs. Forbs Planted:	
Planned Forbs/Legumes PLS/ft ² :	16.00			Total % of Mix:	
Planned Total PLS/ft ² :	41.97			% of mix of annual/biennial species:	

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)										
T (MILE : 1		I Alfalfa I I 1 1	/2 to 2 1/2 To //	۸						
Amount of Mulch Required: None None		lay, Alfalfa Hay - 1 1	/2 to 2 1/2 1 ons//	Acre						
Minimum Rate (lbs):	3,000	OR Tons:	1.50	Maximum Rate (lbs):	5.000 OR	Tons:	2.5			
Willimum Rate (ibs).	3,000	OK TOILS.	1.50	iviaximum rate (ibs).	5,000 OK	10115.	2.5			
Additional Information: n/a										
Additional information. 174										
Applied										
Type of Mulch Used:										
Number of Bales:		Bale Weight, lbs:		Mulch Applied, Tons:		Exacc/S	Shortage, Tons:			
Nulliber of Bales.		bale Weight, ibs.		Mulcii Applieu, Toris.		EXCess/C	ononage, rons.			
Based on the information in this job shee	at all requirements for	this seeding should	he completed by:		Year:					
Was site prep completed as		uno occumy oriouta	bo completed by.							
Seeding was completed on		cording to the above	requirements							
ceeding was completed on	(Date)	ording to the above	requirements.							
	(,									
Producer's or Contr	actor's Signature			Date						
For NRCS Use Only:	actor o Cignaturo			24.0						
Does this seeding meet all NRCS standard	ds and specifications a	nd was implemente	d as planned abo	ve?						
Certified by:	,	, , , , ,								
	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.										
companion crop, iabor, unii remai, etc.) and seed tests, including tags for yellow tag seed.										