Job Sheet for Seeding										
Planned by:	MO Mix 57 CP43		Date:		County:					
Client:		Tract(s):	Address:	Fields:		CIN#:				
Farm(s): Acres:	1.00	Program:		rieias.		CIN#.				
Primary / Cost-shared FOTG Pra		Wildlife Habitat Plantin	n (420)	Secondary FO	TG Practice:					
Primary Purpose of Seeding:	ionoo.	Triamo Fabriat Farian	9 (.20)	Coochaary	TO Tractice.					
Site Soil Group:			OR Ecolo	gical Site:						
Additional Information:	REQUIRES MO SOURC	E ID								
	0	1 D	· · · · · · · · · · · · · · · · · · ·	F /		P				
Current Conditions:	Seedbo	ed Preparation	tor Grass and	/or Forb/Le	egume See	ding				
Conditions Desired at Planting:	 Row crop stubble or Killed sod (renovation a pollinator forb only) Suppressed existing or Slopes that are 4:1 or 	n; for example from intro planting) regetation, as for an inte	oduced cool season gr	asses to native wa	arm season grasse	es or from warm seaso	on gra sses to			
Seed Mix Contains:	Cool Season Grasse	es (maiority) W	arm Season Grasses (r	naiority)	Native Forbs	Native/Introdu	ced Legumes			
Planting Method:		Interseeding:		Season:			J			
Acceptable Planting Dates:		Optimal Plant	ing Dates:							
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 on the soil test recommen	according to a recent adations as indicated b	soil test (less than pelow.	4 years old and a	after the most recent				
Soil Test Recommendations Salt pH from soil test results:		lbs/ac Total Needed	Lime* N Not req. 0	P ₂ O ₅ K ₂ O						
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 C	ool Season Legumes o	ther than Alfalfa	Warm S	Season Legumes				
When to apply lime:										
When to apply fertilizer:	No fertilizer will be applied	Soil nutrients are with	in ranges required for	the planned spec	cies that will be pla	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		

Seeding Mix Summary												
Acres to be Seeded:	1.00											
	1.00	-										
Practice Adjustment Factor:	Broadcast Adjustment Factor: Interseeding Adjustment 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
Little Bluestem, Schizachyrium scoparium	Aldous (statewide), Camper (north MO), Cimarron (south MO - sandy sites only), Ozark (statewide), Yellow Tag (statewide)	0.724	0.724						-0.724			
Sideoats Grama, Bouteloua curtipendula	Butte (north MO), El Reno (statewide), Trailway (statewide), Yellow Tag (statewide)	1.094	1.094						-1.094			

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)	0.673	0.673			-0.673		
	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	1.742	1.742			-1.742		
Black-eyed Susan (B), Rudbeckia hirta		0.085	0.085			-0.085		
Blue Lobelia, Lobelia siphilitica		0.008	0.008			-0.008		
Canada Milkvetch, Astragalus canadensis		0.075	0.075			-0.075		
Common Evening Primrose (B), Oenothera biennis		0.020	0.020			-0.020		
Common Milkweed, Asclepias syriaca		0.410	0.410			-0.410		
False Sunflower, Heliopsis helianthoides		0.140	0.140			-0.140		
Foxglove Beardtongue,		0.013	0.013			-0.013		
Penstemon digitalis Golden Alexanders, Zizia aurea		0.090	0.090			-0.090		
Gray Goldenrod, Solidago		0.010	0.010			-0.010		
nemoralis Gray-headed Coneflower, Ratibida pinnata	Available: Sunglow (statewide)	0.050	0.050			-0.050		
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150			-0.150		

Customer and Seed Dealer Please Note:

Lanceleaf Coreopsis, Coreopsis lanceolata		0.200	0.200						-0.200			
Maximilian Sunflower, Helianthus maximiliani		0.010	0.010						-0.010			
Pale Purple Coneflower,		0.050	0.050						-0.050			
Echinacea pallida												
fasciculata	Available: Riley (statewide), Lark Selection (statewide)	0.130	0.130						-0.130			
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)	0.304	0.304						-0.304			
Rattlesnake Master, Eryngium yuccifolium		0.020	0.020						-0.020			
Roundhead Lespedeza,	Available: Kanoka (statewide)	0.020	0.020						-0.020			
Lespedeza capitata	(Statewide)											
Showy Ticktrefoil, Desmodium canadense	Available: Alexander Germplasm (statewide)	0.040	0.040						-0.040			
Smooth Aster, Symphyotrichum laeve		0.020	0.020						-0.020			
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.010	0.010						-0.010			
Upright Prairie Coneflower,		0.110	0.110						-0.110			
Ratibida columnifera White Prairie Clover, Dalea candida		0.098	0.098						-0.098			
Wild Bergamot, Monarda fistulosa		0.133	0.133						-0.133			
Yarrow, Achillea millefolium		0.009	0.009						-0.009			
	Total Planned:	6.627	6.627									
Planned Grasses PLS/ft ² :	16.00				Total PLS	S lbs. Forbs	Planted:					
Planned Forbs/Legumes PLS/ft ² :	24.00					Total	% of Mix:					
Planned Total PLS/ft ² :	40.00		% of mix of annual/biennial 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)									
T (MILE : 1		I Alfalfa I I 1 1	/2 to 2 1/2 Town/	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.		
Rased on the information in this job shee	Based on the information in this job sheet, all requirements for this seeding should be 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 standards and specifications and was implemented as planned above?									
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, and critical actions and action and action actions are seed to see a see								