Job Sheet for Seeding												
Planned by:	MO Mix 49 CP29-30		Date:		County:							
Client:			Address:				_					
Farm(s):		Tract(s):		Fields:	CI	N#:						
Acres:	1.00	Program:										
Primary / Cost-shared FOTG Pra	actice: W	ildlife Habitat Planting	g (420)	Secondary FO	TG Practice:							
Primary Purpose of Seeding:												
Site Soil Group:			OR Ecol	ogical Site:			_					
Additional Information:												
	Seedbed	Preparation	for Grass an	d/or Forb/Le	egume Seedi	ina						
Current Conditions:		Торинологи			gamera	<u>-</u>						
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 Grasses (r	majority) W	arm Season Grasses (maiority)	Native Forbs	Native/Introduced Legumes	_					
Planting Method:	COOI Season Grasses (I	Interseeding:		ig Season:	Native Forbs							
Acceptable Planting Dates:		Optimal Plant		<u></u>								
, teespiasie i ianimig zates.		Opamar lan										
Seedbed Prep: Seed Placement:							_					
Additional Instructions:												
Fertilizer and Lime Planned												
Is Fertilizer and/or Lime Needed?												
Program rules and/or plans Program rules and/or plans and/or fertilizer). Apply fer	ned practice(s) do not require ned practices require soil amen tilizer and/or lime according t ned practices require soil amen	ndments be applied a so soil test recommen	according to a recent andations as indicated	soil test (less than below.	4 years old and afte	nd) er the most recent application o d below because a recent soil tes						
Soil Test Recommendations					_							
Salt pH from soil test results:			Lime* N	P_2O_5 K_2O								
		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?	AlfalfaC	ool Season Legumes	other than Alfalfa	Warm Sea	ason Legumes						
When to apply lime:												
When to apply fertilizer:	No fertilizer will be applied. S	Soil nutrients are with	nin ranges required fo	r the planned speci	ies that will be plant	ted.	<u> </u>					

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Additional Information:						
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	-					
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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:	Broadcast Adjustment Factor: Interseeding Adjustment Factor: 1											
Apply Adjustment Factors to:												
Planned Seed Mix				Seed Mix F	urchased	and Plante	d					
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)	0.500	0.500						-0.500			
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), Trailblazer (north MO), Yellow Tag (statewide)	1.100	1.100						-1.100			

Virginia Wildrye, Elymus virginicus	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	2.050	2.050			-2.050		
Black-eyed Susan (B), Rudbeckia		0.050	0.050			-0.050		
hirta Canada Milkvetch, Astragalus		0.050	0.050			-0.050		
canadensis		0.020	0.020			-0.020		
Common Evening Primrose (B), Oenothera biennis		0.030	0.030			-0.030		
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		
Maximilian Sunflower, Helianthus		0.010	0.010			-0.010		
maximiliani Pale Purple Coneflower,		0.030	0.030			-0.030		
Echinacea pallida Partridge Pea (A), Chamaecrista fasciculata	Available: Riley (statewide), Lark Selection (statewide)	0.100	0.100			-0.100		
Prairie Cinquefoil, Drymocallis		0.029	0.029			-0.029		
arguta Purple Coneflower, Echinacea		0.135	0.135			-0.135		
purpurea		U.135	U. 135			-0.135		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.228	0.228			-0.228		
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		0.010	0.010			-0.010		
laeve Stiff Goldenrod, Oligoneuron		0.010	0.010			-0.010		
rigidum, Solidago rigida		0.010	0.010			-0.010		

Upright Prairie Coneflower, Ratibida columnifera	0.100	0.100				-0.100		
White Prairie Clover, Dalea candida	0.065	0.065				-0.065		
Wild Bergamot, Monarda fistulosa	0.090	0.090		·		-0.090	_	

	Total Planned:	5.091	5.091		
Planned Grasses PLS/ft ² :	14.01			Total PLS lbs. Forbs Planted:	
Planned Forbs/Legumes PLS/ft ² :	16.00			Total % of Mix:	
Planned Total PLS/ft ² :	30.01			% 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 5		III. AIG-IG- III.	11/21.21/2	T /A							
Amount of Mulch Required: None None None		Hay, Alfalfa Hay -	1 1/2 to 2 1/2	Tons/Acre							
Minimum Rate (lbs):	3,000	OR Ton	s: 1.50	Maximum Rate (lb:	c): 5.000	OR	Tons:	2.5			
William Rate (ibs).	3,000	OK 1011	5. 1.50	iviaximum rate (ib	5). 5,000	OK	10115.	2.5			
Additional Information: n/a											
Additional information: 11/4											
Applied											
Type of Mulch Used:											
Number of Bales:		Bale Weight, lb	c:	Mulch Applied, Tor	nc:		Excess/Shor	rtago Tons:			
Number of Bales.		bale Weight, ib	5.	Mulcit Applied, Tol	15.		EXCESS/SHOP	rtage, rons.			
Based on the information in this job she	et all requirements for	r this speding sho	uld he comple	ited by:		Year:					
Was site prep completed a	· · · · · · · · · · · · · · · · · · ·	Tanio occaring one	aia bo compio			1001.					
Seeding was completed on		cording to the ab	ove requireme	ante							
occuring was completed on	(Date)	cording to the ab	ove requireme	into.							
	(,										
Producer's or Cont	ractor's Signature			Date							
For NRCS Use Only:	actor o Cignaturo			24.0							
Does this seeding meet all NRCS standar	ds and specifications	and was impleme	nted as plann	ed above?							
Certified by:											
NRCS Representative				Date		Fie	eld Office				
Additional Comments:	.,										
When seeding is complete				ervation Service with all rece			ling (seed, fertilz	er, lime, mulch,			
	companion crop, labor, drill rental, etc.) and seed tests, including tags for yellow tag seed.										