Job Sheet for Seeding										
			_							
Planned by:	MO Mix 58 CP43		Date:			County:				
Client: Farm(s):		Tract(s):	Address:	Fields:		CI	NI#•		-	
Acres:	1.00	Tract(s): Program:		Fields.			N#	-	L	
Primary / Cost-shared FOTG Pra	-	Wildlife Habitat Plantin	na (420)	Second	ary FOTG F	Practice:				
Primary Purpose of Seeding:			5(-)		,					
Site Soil Group:			OR	Ecological Site:						
Additional Information:										
	Qaadha	d Duon enetien								
Current Conditions:	Seedbe	ed Preparation	for Gras	s and/or Fol	b/Legu	ime Seedi	ng	_		
									L	
Conditions Desired at Planting:	a pollinator forb only Suppressed existing v	; for example from intr planting)	oduced cool se	eason grasses to na egumes on pasture	tive warm s	season grasses c tive forbs on nat	or from warm sea			
Seed Mix Contains:	Cool Season Grasse	s (maiority)	Jarm Season G	rasses (majority)	Nati	ve Forbs	Native/Introdu		•	
Planting Method:		Interseeding:	No	Planting Season:				leed Legumes		
Acceptable Planting Dates:		Optimal Plan								
		•	·							
Seedbed Prep:										
Seed Placement:										
Additional Instructions:										
Fertilizer and Lime										
Planned										
Is Fertilizer and/or Lime Needed' Program rules and/or plann Program rules and/or plann and/or fertilizer). Apply fer Program rules and/or plann (as for constructed fills and	ned practice(s) do not requ ned practices require soil au tilizer and/or lime accordin ned practices require soil au	mendments be applied q to soil test recomme	according to a ndations as inc	recent soil test (le licated below.	ss than 4 ye	ears old and afte	er the most recen			
Soil Test Recommendations				<u> </u>						
Salt pH from soil test results:		L	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 availat		lbs/ac Total Needed	#N/A #N/A							
What legumes are included in the	e seed mix?	ne Alfalfa C	Cool Season Le	gumes other than	Alfalfa	Warm Sea	son Legumes			
When to apply lime:										
When to apply fertilizer:	No fertilizer will be applied	I. Soil nutrients are witl	hin ranges req	uired for the planne	ed species t	hat will be plante	ed.		-	

Additional Information:					
Companion Crop Specifications					
	hed prior to or at the same time as a permanent and and managed to minimize competion with the		or legumes.		
	None Planned Redtop Spring Oats	· ·	Rate per Acre (lbs):	Total Bulk Lbs to Seed:	
Additional Information:					
Applied					
Companion Crop Planted:	Oats Winter Wheat	Total Bulk Lbs Planted:	Lbs Lbs/Ac 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:												
Planned Seed Mix	-	Seed Mix Purchased and Planted										
Species	Acceptable Cultivar(s)	PLS Ibs/ac	Total PLS Ibs Needed	Bulk Ibs 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)	1.445	1.445						-1.445			
Sideoats Grama, Bouteloua curtipendula	Butte (north MO), El Reno (statewide), Trailway (statewide), Yellow Tag (statewide)	1.650	1.650						-1.650			

Switchgrass, Panicum virgatum	Alamo (south MO - Iowland sites), Blackwell (statewide), Cave-In-Rock (statewide), Kanlow (statewide - Iowland sites), Nebraska 28 (north MO), Pathfinder (north MO), Trailblazer (north MO), Yellow Tag (statewide)	0.335	0.335			-0.335		
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		0.085	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, Penstemon digitalis		0.013	0.013			-0.013		
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		

											Revised 9/201
anceleaf Coreopsis, Coreopsis anceolata		0.200	0.200						-0.200		
Maximilian Sunflower, Helianthus naximiliani		0.010	0.010						-0.010		
Pale Purple Coneflower, Echinacea pallida		0.050	0.050						-0.050		
asciculata	Available: Riley (statewide), Lark Selection (statewide)	0.130	0.130						-0.130		
Prairie Cinquefoil, Drymocallis arguta		0.036	0.036						-0.036		
Purple Coneflower, Echinacea ourpurea		0.150	0.150						-0.150		
Purple Prairie Clover, Dalea burpurea	Available: Kaneb (statewide)	0.154	0.154						-0.154		
Rattlesnake Master, Eryngium /uccifolium		0.020	0.020						-0.020		
Roundhead Lespedeza, Lespedeza capitata	Available: Kanoka (statewide)	0.020	0.020						-0.020		
	Available: Alexander Germplasm (statewide)	0.040	0.040						-0.040		
Smooth Aster, Symphyotrichum aeve		0.003	0.003						-0.003		
Stiff Goldenrod, Oligoneuron igidum, Solidago rigida		0.010	0.010						-0.010		
Jpright Prairie Coneflower, Ratibida columnifera		0.115	0.115						-0.115		
Vhite Prairie Clover, Dalea candida		0.098	0.098						-0.098		
Vild Bergamot, Monarda fistulosa		0.050	0.050						-0.050		
/arrow, Achillea millefolium		0.009	0.009						-0.009		
^	Total Planned:	7.316	7.316								
Planned Grasses PLS/ft ² :	20.00	Total PLS lbs. Forbs Planted:									
Planned Forbs/Legumes PLS/ft ² :	20.00	Total % of Mix:									
Planned Total PLS/ft ² :	40.00			% of	mix of ann	ual/biennia	l species:				
Customer and Seed Dealer Please	e Note:										

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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 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 Site:									
Minimum Rate (lbs):	3,000 OR	Tons: 1.50	Maximum Rate (lbs): 5,	000 OR To	ns: 2.5				
Additional Information: n/a									
Applied									
Type of Mulch Used:									
Number of Bales:	Bale W	/eight, lbs:	Mulch Applied, Tons:	Exc	ess/Shortage, Tons:				
Based on the information in this job shee	et, all requirements for this see	ding should be completed b	ру:	Year:					
Was site prep completed as	s outlined above?								
Seeding was completed on		o the above requirements.							
	(Date)								
Producer's or Contra	actor's Signature		Date						
For NRCS Use Only:	For NRCS Use Only:								
Does this seeding meet all NRCS standard	ds and specifications and was	implemented as planned at	oove?						
Certified by:									
NRCS 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.									