Job Sheet for Seeding										
	110 Hr. 50 CT 12									
Planned by:	MO Mix 56 CP43		Date:		County:					
Client:		T== =((a)	Address:	Fielder		OINI				
Farm(s):	1.00	Tract(s):		Fields:		CIN#:				
Acres: Primary / Cost-shared FOTG Pra	1.00	Program: Wildlife Habitat Plantin	og (420)	Secondary FC	OTC Practice:					
Primary Purpose of Seeding:	ictice.	Wilding Flabitat Flatitiii	lg (420)	Secondary PC	ord Practice.					
Site Soil Group:			OR Ecole	ogical Site:						
Additional Information:	REQUIRES YELLOW TA	AG/MO SOURCE ID	OK LCOK	ogical Site.						
Additional information.	REGOINED TELEOW 17	IO/MO GOORGE ID								
	Seedbe	ed Preparation	for Grass and	d/or Forb/L	egume See	ding				
Current Conditions:										
Conditions Desired at Planting:	Row crop stubble or Killed sod (renovation a pollinator forb only) Suppressed existing v Slopes that are 4:1 or	n; for example from intro planting) vegetation, as for an inte	oduced cool season g	rasses to native w	varm season grass	es or from warm seas				
Seed Mix Contains:	Cool Sosson Grass	os (majority)	arm Season Grasses (majority	Native Forbs	Native/Introdu	read Lagrimos			
Planting Method:	Cool Season Grasse	Interseeding:		g Season:	Native Forbs	Native/introdu	iced Legumes			
Acceptable Planting Dates:		Optimal Plant		g Season.	<u> </u>					
		- '								
Seed Placement:										
Additional Instructions:										
Fertilizer and Lime										
Planned										
Is Fertilizer and/or Lime Needed?	,									
Program rules and/or plann	ned practice(s) do not requ	uire soil amendments (e:	xample - general CRP	plantings, wildlife	plantings on cro	pland)				
Program rules and/or plann and/or fertilizer). Apply fert Program rules and/or plann (as for constructed fills and	tilizer and/or lime accordir ned practices require soil a	ng to soil test recommer	ndations as indicated	below.						
Soil Test Recommendations										
Salt pH from soil test results:		ı [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 availab		lbs/ac Total Needed	#N/A #N/A		\exists					
What legumes are included in the	e seed mix?	ne Alfalfa C	ool Season Legumes	other than Alfalfa	Warm	Season Legumes				
When to apply lime:										
When to apply fertilizer:	No fertilizer will be applied	d Soil nutrients are with	nin ranges required fo	r the planned spe	cies that will be pl	anted.				

U.S. Department of Agriculture Natural Resources Conservation Service

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i.						
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											
Practice Adjustment Factor:		Broadcast Adjustment Factor: Interseeding Adjustment Factor: 1									_	
Apply Adjustment Factors to:												
Planned Seed Mix	Planned 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)	0.543	0.543						-0.543			
Sideoats Grama, Bouteloua curtipendula	Butte (north MO), El Reno (statewide), Trailway (statewide), Yellow Tag (statewide)	0.821	0.821						-0.821			

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)	0.505	0.505			-0.505		
	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	1.307	1.307			-1.307		
Black-eyed Susan (B), Rudbeckia hirta		0.050	0.050			-0.050		
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		0.310	0.310			-0.310		
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		

Partridge Pea (A), Chamaecrista	Available: Riley (statewide),	0.130	0.130						-0.130		
fasciculata	Lark Selection (statewide)	0.130	0.130						-0.130		
Prairie Cinquefoil, Drymocallis		0.025	0.025						-0.025		
arguta Purple Coneflower, Echinacea		0.150	0.150						-0.150		
purpurea		0.100	0.100						0.100		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.207	0.207						-0.207		
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		0.020	0.020						-0.020		
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.010	0.010						-0.010		
Upright Prairie Coneflower, Ratibida columnifera		0.110	0.110						-0.110		
White Prairie Clover, Dalea candida		0.097	0.097						-0.097		
Wild Bergamot, Monarda fistulosa		0.046	0.046						-0.046		
Yarrow, Achillea millefolium		0.009	0.009						-0.009		
-	Total Planned:	5.236	5.236								
Planned Grasses PLS/ft ² :					Total PLS	S lbs. Forbs					
Planned Forbs/Legumes PLS/ft ² : Planned Total PLS/ft ² :		Total % of Mix: % 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.	
Based on the information in this job sheet, all requirements for this seeding should be completed by:								
Was site prep completed as		uno occumg oriodia	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	orop, labor, urill feri	iai, eic.) anu seed	i tests, including tags for	yellow lay seed.			