Job Sheet for Seeding															
Planned by:	MO Mix 8 CP2		Date:		County:										
Client:		T1/-)	Address:	Etable.		OIN!#									
Farm(s):	1.00	Tract(s):		Fields:		CIN#:									
Acres: Primary / Cost-shared FOTG Pra		Program: Wildlife Habitat Planting	g (420)	Secondary FO	TC Practice:										
Primary Purpose of Seeding:	actice.	Wilding Flabitat Flahting	g (+20)	Secondary I O	TO I factice.										
Site Soil Group:			OR Ecolo	gical Site:											
Additional Information:															
	Seedbed Preparation for Grass and/or Forb/Legume Seeding														
Current Conditions:	Seedb	ed Preparation	tor Grass and	l/or Forb/Le	egume Seed	ding									
Conditions Desired at Planting:	a pollinator forb only Suppressed existing	n; for example from intro / planting)	oduced cool season gr	asses to native wa	r native forbs on r	s or from warm seasc	on grasses to								
Seed Mix Contains:	Cool Season Grass	es (majority) Wa	arm Season Grasses (r	najority)	Native Forbs	Native/Introduc	ced Legumes								
Planting Method:		Interseeding:	No Plantine	g Season:											
Acceptable Planting Dates:		Optimal Planti	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 accordined practices require soil a	amendments be applied a ng to soil test recommen	according to a recent	soil test (less than pelow.	4 years old and a	fter the most recent a									
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 availab		lbs/ac Total Needed	#N/A #N/A		3										
What legumes are included in the	e seed mix?	one Alfalfa Co	ool Season Legumes o	other than Alfalfa	Warm So	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	nted.									

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 establis The companion crop will be select				nd/or legumes.		
Planned Companion Crop:	None Planned Redt	op Spring Oats	Winter Wheat	Rate per Acre (lbs):	Total Bulk Lbs to Seed:	
Additional Information:						
Applied						
Companion Crop Planted:			To	tal Lbs Lbs/Ac		
Redtop Spring	Oats Winter Wheat		Bulk Lbs Planted:	0.0		

Revised 9/2017

Seeding Mix Summary													
Acres to be Seeded:	1.00												
Practice Adjustment Factor:			Broadca	st Adjustme	ent Factor:			Intersee	ding Adjust	ment Factor:	1		
Apply Adjustment Factors to:													
Planned Seed Mix				Seed Mix F	Purchased	and Plante	d						
Species	Acceptable Cultivar(s)	PLS lbs/ac	Total PLS Ibs 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), Trailblazer (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		0.075	0.075			-0.075		
hirta 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 helianthoides		0.050	0.050			-0.050		
Foxglove Beardtongue, Penstemon digitalis		0.019	0.019			-0.019		
Golden Alexanders, Zizia aurea		0.023	0.023			-0.023		
Gray Goldenrod, Solidago nemoralis		0.005	0.005			-0.005		
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 lanceolata		0.050	0.050			-0.050		
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 =		LL. AIG-IG- LL.	11/21.21/2	T /A								
Amount of Mulch Required: 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 (lbs	s): 5,000	OR	Tons:	2.5				
William Rate (ibs).	3,000	OK 1011	5. 1.50	iviaximum Nate (ibs	5). 5,000	OK	10115.	2.5				
Additional Information: n/a												
Additional information. The												
Applied												
Type of Mulch Used:												
Number of Bales:		Bale Weight, lb	c:	Mulch Applied, Ton			Excess/Sho	rtago Tono:				
Number of Bales.		bale Weight, ib	5.	Mulcit Applied, 101			EXCESS/SHO	intage, 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 occurrig one	aia bo compio			10011						
Seeding was completed on		cording to the ab	ove requireme	ante								
occurring was completed on	(Date)	cording to the ab	ove requireme	into.								
	(,											
Producer's or Cont.	ractor's Signature			Date								
For NRCS Use Only:	udotor o Orginaturo			200								
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 completed	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.												