Job Sheet for Seeding										
Planned by:	MO Mix 46 CP33		Date:			County:				
Client:			Address:							
Farm(s):		Tract(s):		Fields:		CIN#:				
Acres:	1.00	Program:								
Primary / Cost-shared FOTG Pra	actice:	Wildlife Habitat Plantin	ng (420)	Second	ary FOTG F	Practice:				
Primary Purpose of Seeding:										
Site Soil Group:			OR	Ecological Site:						
Additional Information:										
Seedbed Preparation for Grass and/or Forb/Legume Seeding										
Current Conditions:	Coound				<u>N/Loga</u>	line cooulig				
Conditions Desired at Planting:	a pollinator forb only	; for example from intr planting) egetation, as for an int	oduced cool se er-seeding of le	ason grasses to na egumes on pasture	tive warm so	eason grasses or from warm s ive forbs on natural communi				
Seed Mix Contains:	Cool Season Grasse	s (majority)	/arm Season Gr	asses (majority)	Nativ	ve Forbs Native/Intro	oduced Legumes			
Planting Method:		Interseeding:		Planting Season:						
Acceptable Planting Dates:		Optimal Plan								
Seedbed Prep: Seed Placement:										
Additional Instructions:										
Fertilizer and Lime										
Planned										
and/or fertilizer). Apply fer	ned practice(s) do not requ ned practices require soil au tilizer and/or lime accordin ned practices require soil au	nendments be applied q to soil test recomme	according to a ndations as ind	recent soil test (le icated below.	ss than 4 ye	tings on cropland) Pars old and after the most rec 42) as indicated below becaus				
Soil Test Recommendations			1 : *	N	KO					
Salt pH from soil test results:		H /	Lime*	N P ₂ O ₅	K ₂ O					
		lbs/ac Total Needed		0 0	0					
Blanket rates for constructed fills current soil test is not availab		lbs/ac Total Needed								
What legumes are included in the	e seed mix?	e Alfalfa C	Cool Season Leg	gumes other than A	Alfalfa	Warm Season Legumes				
When to apply lime:										
When to apply fertilizer:	No fertilizer will be applied	. Soil nutrients are wit	hin ranges requ	iired for the planne	ed species th	hat will be planted.				

Additional Information:					
Companion Crop Specifications					
	hed prior to or at the same time as a permanent and managed to minimize competion with the p		r 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:	Oats Winter Wheat	Total L Bulk Lbs Planted:	bs 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)	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)	1.000	1.000						-1.000			

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Virginia Wildrye, Elymus virginicus	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	2.300	2.300			-2.300		
Black-eyed Susan (B), Rudbeckia		0.050	0.050			-0.050		
hirta Canada Milkvetch, Astragalus		0.075	0.075			-0.075		
canadensis Common Evening Primrose (B),		0.020	0.020			-0.020		
Oenothera biennis Common Milkweed, Asclepias								
syriaca False Sunflower, Heliopsis		0.280	0.280			-0.280		
helianthoides		0.140	0.140			-0.140		
Foxglove Beardtongue, Penstemon digitalis		0.015	0.015			-0.015		
Golden Alexanders, Zizia aurea		0.080	0.080			-0.080		
Gray Goldenrod, Solidago nemoralis		0.030	0.030			-0.030		
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150			-0.150		
Lanceleaf Coreopsis, Coreopsis Ianceolata		0.157	0.157			-0.157		
Maximilian Sunflower, Helianthus maximiliani		0.010	0.010			-0.010		
Pale Purple Coneflower, Echinacea pallida		0.030	0.030			-0.030		
Partridge Pea (A), Chamaecrista fasciculata	Available: Riley (statewide), Lark Selection (statewide)	0.130	0.130			-0.130		
Prairie Cinquefoil, Drymocallis arguta		0.017	0.017			-0.017		
Purple Coneflower, Echinacea purpurea		0.127	0.127			-0.127		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.303	0.303			-0.303		
Rattlesnake Master, Eryngium yuccifolium		0.020	0.020			-0.020		
Showy Ticktrefoil, Desmodium canadense	Available: Alexander Germplasm (statewide)	0.040	0.040			-0.040		
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.010	0.010			-0.010		
Swamp Milkweed, Asclepias incarnata		0.140	0.140			-0.140		
Sweet Black-eyed Susan,		0.050	0.050			-0.050	ļ	
Rudbeckia subtomentosa Upright Prairie Coneflower,		0.050	0.050			-0.050	ļ	
Ratibida columnifera White Prairie Clover, Dalea		0.030	0.086			-0.030		
candida								
Wild Bergamot, Monarda fistulosa		0.080	0.080			-0.080		

	Total Planned:	5.890	5.890		
Planned Grasses PLS/ft ² :	13.99			Total PLS lbs. Forbs Planted:	
Planned Forbs/Legumes PLS/ft ² :	16.00			Total % of Mix:	
Planned Total PLS/ft ² :	29.99			% 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)											
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 Tons:	2.5						
Additional Information: n/a	Additional Information: n/a										
Applied											
Type of Mulch Used:											
Number of Bales:	Bale	Veight, lbs:	Mulch Applied, Tons:	Excess/Shorta	age, Tons:						
Based on the information in this job shee	Based on the information in this job sheet, all requirements for this seeding should be completed by:										
Was site prep completed as	s outlined above?										
Seeding was completed on		to the above requirements.									
	(Date)										
Producer's or Contr	actor's Signature		Date								
For NRCS Use Only:											
Does this seeding meet all NRCS standard	Does this seeding meet all NRCS standards and specifications and was implemented as planned above?										
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.											