Job Sheet for Seeding											
					eeuing						
Planned by:	MO Mix 52 CP33		Date:				County:				
Client:			Address:						<u> </u>		
Farm(s):		Tract(s):	/ laar ooo.		Fields:			CIN#:		-	
Acres:	1.00	Program:			T Ioldo.					4	
Primary / Cost-shared FOTG Pra		Wildlife Habitat Plantir	ng (420)		Second	lary FOTG	Practice:				
Primary Purpose of Seeding:			.9 (120)				T Tuotico.				
Site Soil Group:			OR	Ecol	ogical Site:						
Additional Information:			on	200.	ogioui oitoi					-	
										<u> </u>	
Seedbed Preparation for Grass and/or Forb/Legume Seeding											
Current Conditions:								J			
										-	
	Row crop stubble or ti	lled seed bed (to inco	rporate ame	endments,	level field, c	or following	g construc	tion operations)			
	Killed sod (renovation; for example from introduced cool season grasses to native warm season grasses or from warm season gra sses to										
Conditions Desired at Planting:	a pollinator forb only planting)										
	O Suppressed existing ve	egetation, as for an int	er-seeding	of legume	s on pasture	eland or na	ative forbs	on natural communi	ties		
	Slopes that are 4:1 or s	steeper that will receiv	e a critical a	area planti	ng (broadca	st planting	g method o	only)			
										-	
Seed Mix Contains:	Cool Season Grasses		/arm Seasor			L Na	tive Forbs	Native/Intro	oduced Legumes		
Planting Method:		Interseeding:	No	Plantir	ng Season:						
Acceptable Planting Dates:		Optimal Plan	ting Dates:								
Seedbed Prep:											
										-	
Seed Placement:											
Additional Instructions:										-	
Fertilizer and Lime											
Planned											
Is Fertilizer and/or Lime Needed?											
Program rules and/or plann		re soil amendments (e	example - ge	eneral CRP	plantings, v	vildlife pla	ntinas on	cropland)			
Program rules and/or plann						· · · ·			ent application of li	ming material	
and/or fertilizer). Apply fert			5			55 than 4 y				ining material	
Program rules and/or planned practices require soil amendments. Blanket rates will be used for a Critical Area Planting (342) as indicated below because a recent soil test is not available											
(as for constructed fills and	finished grades).										
Soil Test Recommendations											
Salt pH from soil test results:			Lime*	Ν	P_2O_5	K ₂ O					
		lbs/ac									
		Total Needed	Not req.	0	0	0					
Blanket rates for constructed fills when a lbs/ac #N/A											
current soil test is not available: Total Needed #N/A											
What legumes are included in the seed mix?											
When to apply lime:											
										-	
When to apply fertilizer:	No fertilizer will be applied.	Soil nutrients are wit	hin ranges r	reauired fo	r the planne	d species	that will be	e planted.			
		- Sandalonio dio Wit		- 9404 10				- F.Minoui		-	

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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Acres to be Seeded: 1.00 Practice Adjustment Factor: Broadcast Adjustment Factor: Interseeding Adjustment Factor: 1 Apply Adjustment Factors to: Seed Mix Purchased and Planted Interseeding Adjustment Factor: 1 Planned Seed Mix Seed Mix Purchased and Planted Cultivar OR Origin for MO Source Identified Cultivar(s) PLS lbs / lbs/ac Bulk lbs / Seeded % Purity % Germ D/seed PLS lbs / Planted Shortage/ % of Mix Cultivar OR Origin for MO Source Identified Cultivar(s)	
Apply Adjustment Factors to: Seed Mix Seed Mix Purchased and Planted Planned Seed Mix Seed Mix Purchased and Planted Species Acceptable Cultivar(s) PLS Ibs/ac Total PLS Ibs/ac Bulk Ibs Seeded % Purity % Germ % Germ % Planted PLS Ibs Planted Shortage/ Faces % of Mix Cultivar OR Origin for MO Source Identified Class	all Require-
Planned Seed Mix Seed Mix Purchased and Planted Species Acceptable Cultivar(s) PLS Ibs/ac Total PLS Ibs/ac Bulk Ibs Seeded % Purity % Germ % Dormant/ Hard PLS Ibs Planted Shortage/ Excess % of Mix Cultivar OR Origin for MO Source Identified Class	all Require-
Species Acceptable Cultivar(s) PLS Ibs/ac Total PLS Ibs/ac Bulk Ibs Seeded % Purity % Germ % Germ % Dormant/ Hard PLS Ibs Planted Shortage/ Excess % of Mix Cultivar OR Origin for MO Source Identified Class	all Require-
Species Acceptable Cultivar(s) PLS Ibs/ac Total PLS Ibs Needed Bulk Ibs Seeded % Purity % Germ % % Germ % Dormant/ Hard Hard PLS Ibs Planted Shortage/ Excess % % of Mix Origin for MO Source Identified Class	all Require-
Species Acceptable Cultivar(s) PLS Ibs/ac Total PLS Ibs Needed Bulk Ibs Seeded % Purity % Germ % % Germ % Dormant/ Hard Hard PLS Ibs Planted Shortage/ Excess % % of Mix Origin for MO Source Identified Class	all Require-
Seed Seed	
Little Bluestem, Schizachyrium scoparium 0.5 chizachyrium	
Sideoats Grama, Bouteloua Butte (north MO), El Reno (statewide), Trailway (statewide), Yellow Tag (statewide), Yellow Tag (statewide) 1.0000 1.000 1.000 1.000 1.000 1.0	
Virginia Wildrye, Elymus virginicus Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	
Black-eyed Susan (B), Rudbeckia 0.050 0.05	
Canada Milkvetch, Astragalus	
Canadensis Camada Evening Primrose (B)	
Oenothera biennis	
Common Milkweed, Asclepias 0.230 0.2	
False Sunflower, Heliopsis 0.140 0.140 -0.140	
Forglove Beardtongue, 0.015 0.015 0.015 -0.015	
Penstemon digitalis 0.080 0.080 Image: Contract of the second sec	
Gray Goldenrod, Solidago nemoralis 0.030	

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						-					
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150						-0.150		
Lanceleaf Coreopsis, Coreopsis lanceolata		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		0.159	0.159						-0.159		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.290	0.290						-0.290		
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, Rudbeckia subtomentosa		0.050	0.050						-0.050		
Upright Prairie Coneflower, Ratibida columnifera		0.050	0.050						-0.050		
White Prairie Clover, Dalea candida		0.097	0.097						-0.097		
Wild Bergamot, Monarda fistulosa		0.080	0.080						-0.080		
	Total Planned:	5.370	5.370								
Planned Grasses PLS/ft ² :	11.52				Total PLS	S lbs. Forbs	Planted:				
Planned Forbs/Legumes PLS/ft ² :		Total PLS lbs. Forbs Planted: Total % of Mix:									
Planned Total PLS/ft ² :				% of	mix of ann	ual/biennia					
Customer and Seed Dealer Please Note:											

Customer and Seed Dealer Please 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 Tons:	2.5				
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 sheet, all requirements for this seeding should be completed by:									
Was site prep completed as	Was site prep completed as outlined above?								
Seeding was completed on according to the above requirements.									
	(Date)								
Producer's or Contr	actor's Signature		Date						
For NRCS Use Only:									
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,									
			eed tests, including tags for yellow tag		,,,				