Job Sheet for Seeding													
					eeuing								
Planned by:	MO Mix 64 CP38A-43		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 (.20)				i ruotico.						
Site Soil Group:			OR	Ecol	ogical Site:								
Additional Information:			on	2001	oglour onto.					-			
										<u> </u>			
Seedbed Preparation for Grass and/or Forb/Legume Seeding													
Current Conditions:								J					
										-			
	Row crop stubble or ti						-	•					
	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 vegetation, as for an inter-seeding of legumes on pastureland or native forbs on natural communities												
	Slopes that are 4:1 or s	Slopes that are 4:1 or steeper that will receive a critical area planting (broadcast planting method 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 Instructional										-			
Additional Instructions: Fertilizer and Lime			_	_	_	_	_						
Planned													
Is Fertilizer and/or Lime Needed?													
Program rules and/or plann		re soil amendments (e	example - q	eneral CRP	nlantings y	wildlife pla	ntinas on	cropland)					
Program rules and/or plann						· · · ·			ont application of li	ming material			
and/or fertilizer). Apply fert			5			55 thán 4 y	ears old a	ind after the most rec	ent application of li	ming material			
Program rules and/or plann						Planting (342) as inc	dicated below becaus	e a recent soil test i	<mark>s not availab</mark> le			
(as for constructed fills and	finished grades).												
Soil Test Recommendations													
Salt pH from soil test results:			Lime*	N	P ₂ O 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.					
										-			

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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illinoensis

lanceolata

maximiliani

Illinois Bundleflower, Desmanthus

Lanceleaf Coreopsis, Coreopsis

Maximilian Sunflower, Helianthus

Pale Purple Coneflower,

Echinacea pallida

Available: Reno Germplasm

(statewide)

0.150

0.200

0.010

0.050

0.150

0.200

0.010

0.050

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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 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
Broomsedge (Bluestem), Andropogon virginicus	No cultivars available	0.280	0.280						-0.280			
Little Bluestem, Schizachyrium scoparium	Aldous (statewide), Camper (north MO), Cimarron (south MO - sandy sites only), Ozark (statewide), Yellow Tag (statewide)	1.350	1.350						-1.350			
Splitbeard Bluestem, Andropogon ternarius	No cultivars available	2.500	2.500						-2.500			
Black-eyed Susan (B), Rudbeckia hirta		0.110	0.110						-0.110			
Blue Lobelia, Lobelia siphilitica		0.008	0.008						-0.008			
Canada Milkvetch, Astragalus canadensis		0.076	0.076						-0.076			
Common Evening Primrose (B), Oenothera biennis		0.020	0.020						-0.020			
Common Milkweed, Asclepias syriaca		0.510	0.510						-0.510			
False Sunflower, Heliopsis helianthoides	ļ	0.140	0.140						-0.140	 		
Foxglove Beardtongue, Penstemon digitalis	ļ	0.013	0.013					<u> </u>	-0.013			
Golden Alexanders, Zizia aurea		0.090	0.090						-0.090			
Gray Goldenrod, Solidago nemoralis		0.012	0.012						-0.012			
Gray-headed Coneflower, Ratibida pinnata	Available: Sunglow (statewide)	0.050	0.050						-0.050			

-0.150

-0.200

-0.010

-0.050

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Partridge Pea (A), Chamaecrista fasciculata	Available: Riley (statewide), Lark Selection (statewide)	0.130	0.130						-0.130		
Prairie Cinquefoil, Drymocallis arguta		0.048	0.048						-0.048		
Purple Coneflower, Echinacea purpurea		0.150	0.150						-0.150		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.254	0.254						-0.254		
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		0.003	0.003						-0.003		
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.010	0.010						-0.010		
Upright Prairie Coneflower, Ratibida columnifera		0.115	0.115						-0.115		
White Prairie Clover, Dalea candida		0.098	0.098						-0.098		
Wild Bergamot, Monarda fistulosa		0.120	0.120						-0.120		
Yarrow, Achillea millefolium		0.009	0.009						-0.009		
	Total Planned:	6.586	6.586								
Planned Grasses PLS/ft ² :	25.00				Total PLS	Blbs. Forbs	Planted:				
Planned Forbs/Legumes PLS/ft ² :	25.00	Total % of Mix:									
Planned Total PLS/ft ² :	Planned Total PLS/ft ² : 50.00 % of mix of annual/biennial species:										
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, A	lfalfa Hay - 1 1/2 to 2 1/2 ⁻	Tons/Acre						
Amount of Mulch Required for This Site:									
Minimum Rate (lbs):	3,000 OF	R 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	Weight, lbs:	Mulch Applied, Tons:	Excess/Shor	tage, 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: Year:								
Was site prep completed as	s outlined above?								
Seeding was completed on		g to the above requiremer	its.						
	(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.									