Job Sheet for Seeding												
Planned by:	MO Mix 50 CP29-30		Date:		County:							
Client:		T1/-)	Address:	Elablas		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:	ocuce.	Whalle Habitat Harting	g (+20)	Secondary I O	TO Fractice.							
Site Soil Group:			OR Ecolo	gical Site:								
Additional Information:			211 20010	g.ca.								
Seedbed Preparation for Grass and/or Forb/Legume Seeding												
Current Conditions:	Seedbo	ed Preparation	for Grass and	/or Forb/Le	egume Seed	ding						
Conditions Desired at Planting:	 Row crop stubble or tilled seed bed (to incorporate amendments, level field, or following construction operations) Killed sod (renovation; for example from introduced cool season grasses to native warm season grasses or from warm season grasses to a pollinator forb only planting) Suppressed existing vegetation, as for an inter-seeding of legumes on pastureland or native forbs on natural communities Slopes that are 4:1 or steeper that will receive a critical area planting (broadcast planting method only) 											
Seed Mix Contains:	Cool Season Grasse	es (majority) Wa	arm Season Grasses (r	najority)	Native Forbs	Native/Introduc	ed Legumes					
Planting Method:		Interseeding:	No Plantin	g Season:								
Acceptable Planting Dates:		Optimal Plant	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 accordinated practices require soil a	mendments be applied a	according to a recent ndations as indicated I	soil test (less than pelow.	4 years old and a	after 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									
What legumes are included in the	e seed mix?	ne Alfalfa C	ool Season Legumes o	ther than Alfalfa	Warm S	eason Legumes						
When to apply lime:												
When to apply fertilizer:	No fertilizer will be applied	Soil nutrients are with	in ranges required for	the planned speci	ies that will be pla	inted.						

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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				Seed Mix F	Purchased	and Plante	ed .					
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
Big Bluestem, Andropogon gerardii	Champ (statewide), Kaw (statewide), OZ-7O (statewide), Pawnee (north MO), Rountree (statewide), Yellow Tag (statewide)	1.000	1.000						-1.000			
Little Bluestem, Schizachyrium scoparium	Aldous (statewide), Camper (north MO), Cimarron (south MO - sandy sites only), Ozark (statewide), Yellow Tag (statewide)	0.900	0.900						-0.900			

Newsea 5/201											
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)	0.500	0.500						-0.500		
Virginia Wildrye, Elymus virginicus	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	1.200	1.200						-1.200		
Black-eyed Susan (B), Rudbeckia hirta		0.050	0.050						-0.050		
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		0.070	0.070						-0.070		
Gray Goldenrod, Solidago nemoralis		0.010	0.010						-0.010		
Gray-headed Coneflower, Ratibida pinnata	Available: Sunglow (statewide)	0.055	0.055						-0.055		
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150						-0.150		
Lanceleaf Coreopsis, Coreopsis lanceolata		0.100	0.100						-0.100		
Maximilian Sunflower, Helianthus maximiliani		0.010	0.010						-0.010		

Customer and Seed Dealer Please Note:

Pale Purple Coneflower,												
Echinacea pallida		0.030	0.030						-0.030			
	Available: Riley (statewide), Lark Selection (statewide)	0.100	0.100						-0.100			
Prairie Cinquefoil, Drymocallis arguta		0.029	0.029						-0.029			
Purple Coneflower, Echinacea purpurea		0.135	0.135						-0.135			
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.228	0.228						-0.228			
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		0.010	0.010						-0.010			
Upright Prairie Coneflower, Ratibida columnifera		0.100	0.100						-0.100			
White Prairie Clover, Dalea candida		0.065	0.065						-0.065			
Wild Bergamot, Monarda fistulosa		0.090	0.090						-0.090			
	Total Planned:	5.041	5.041									
Planned Grasses PLS/ft ² :	14.01				Total PLS	Blbs. Forbs	Planted:					
Planned Forbs/Legumes PLS/ft ² :	16.00					Total	% of Mix:					
Planned Total PLS/ft ² :	30.01			% of	mix of ann	ual/biennia	l 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)										
None Staw, Glass Hay, Allaha Hay 1 1/2 to 2 1/2 To 15/Act										
Amount of Mulch Required for This Site Minimum Rate (lbs):	3,000	OR To	ons: 1.50	Maximum Rate (lb): F 000	OR	Tons:	2.5		
Will littlutti Rate (ibs).	3,000	OK II	JIIS. 1.50	· Maximum Nate (ii.	3,000	OK	10115.	2.5		
Additional Information: n/a										
Additional information: 11/4										
Applied										
Type of Mulch Used:										
Number of Bales:		Bale Weight,	lhe	Mulch Applied, To	no:		Excess/Shor	taga Tans:		
Number of Bales.		bale Weight,	IDS.	ividicii Applied, 10	115.		EXCess/Siloi	tage, rons.		
Rased on the information in this job she	Based on the information in this job sheet, all requirements for this seeding should be completed by:									
Was site prep completed a	_	i tillo occurrig of	nodia bo compi			1001.				
Seeding was completed on	_	cording to the s	above requireme	ante						
occuring was completed on	(Date)	boording to the t	above requirem	onto.						
	(333)									
Producer's or Cont	ractor's Signature			Date						
For NRCS Use Only:	.actor o olgilataro			<u> </u>						
Does this seeding meet all NRCS standar	rds and specifications	and was implen	nented as plann	ned above?						
Certified by:										
NRCS Representative			Date		Fie	eld Office				
Additional Comments:										
When seeding is complete				servation Service with all rece			ing (seed, fertilze	er, lime, mulch,		
companion crop, labor, drill rental, etc.) and seed tests, including tags for yellow tag seed.										