Job Sheet for Seeding								
Planned by:	MO Mix 53 CP43		Date:		County:			
Client:		T1/-)	Address:	Elaber		OINI		
Farm(s):	1.00	Tract(s):		Fields:		CIN#:		
Acres: Primary / Cost-shared FOTG Pra		Program: Wildlife Habitat Planting	7 (420)	Secondary FO	TC Practice:			
Primary Purpose of Seeding:	ocuce.	Whalle Habitat Hariting	g ( <del>420)</del>	Secondary 1 O	710 I factice.			
Site Soil Group:			OR Ecolo	gical Site:				
Additional Information:								
		15 "	<i>'</i>			1'		
Current Conditions:	Seedbe	ed Preparation	for Grass and	/or Forb/Le	egume See	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	arm season grasse or native forbs on	es or from warm season	on gra sses to	
Seed Mix Contains:	Cool Season Grass	es (majority) Wa	arm Season Grasses (n	najority)	Native Forbs	Native/Introdu	ced Legumes	
Planting Method:		Interseeding:	No Planting	Season:			_	
Acceptable Planting Dates:		Optimal Planti	ng Dates:	<u> </u>				
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 dations as indicated b	soil test (less than pelow.	4 years old and	after the most recent		
Soil Test Recommendations Salt pH from soil test results:		lbs/ac Total Needed	Lime* N  Not req. 0	P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O				
Blanket rates for constructed fills current soil test is not availab	ole:	lbs/ac Total Needed	#N/A #N/A		_ ]			
What legumes are included in the	e seed mix?	ne Alfalfa Co	ool Season Legumes o	ther than Alfalfa	Warm S	Season 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 spec	cies that will be pla	anted.		

## U.S. Department of Agriculture Natural Resources Conservation Service

Revised 9/2017

i.						
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		

Revised 9/2017

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 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
Little Bluestem, Schizachyrium scoparium	Aldous (statewide), Camper (north MO), Cimarron (south MO - sandy sites only), Ozark (statewide), Yellow Tag (statewide)	1.460	1.460						-1.460			
Sideoats Grama, Bouteloua curtipendula	Butte (north MO), El Reno (statewide), Trailway (statewide), Yellow Tag (statewide)	1.650	1.650						-1.650			

Switchgrass, Panicum virgatum	Alamo (south MO - Iowland sites), Blackwell (statewide), Cave-In-Rock (statewide), Kanlow (statewide - Iowland sites), Nebraska 28 (north MO), Pathfinder (north MO), Yellow Tag (statewide)	0.831	0.831			-0.831		
Virginia Wildrye, Elymus virginicus	Cuivre River (statewide), O'Ma'Ha (north MO), Yellow Tag (statewide)	2.610	2.610			-2.610		
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		0.075	0.075			-0.075		
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		0.140	0.140			-0.140		
Foxglove Beardtongue, Penstemon digitalis		0.013	0.013			-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		
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.150	0.150			-0.150		

Customer and Seed Dealer Please Note:

Lanceleaf Coreopsis, Coreopsis lanceolata		0.200	0.200						-0.200			
Maximilian Sunflower, Helianthus maximiliani		0.010	0.010						-0.010			
Pale Purple Coneflower,		0.050	0.050						-0.050			
Echinacea pallida		0.000	0.000						0.000			
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)	0.255	0.255						-0.255			
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:	9.007	9.007									
Planned Grasses PLS/ft <sup>2</sup> :	25.03	5.03 Total PLS lbs. Forbs Planted:										
Planned Forbs/Legumes PLS/ft <sup>2</sup> :		Total % of Mix:										
Planned Total PLS/ft <sup>2</sup> :	50.03	0.03 % of mix of annual/biennial 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)								
T (MILE : 1		I Alfalfa I I 1 1	/2 to 2 1/2 Town/	۸				
Amount of Mulch Required: None  None		lay, Alfalfa Hay - 1 1	/2 to 2 1/2 1 ons//	Acre				
Minimum Rate (lbs):	3,000	OR Tons:	1.50	Maximum Rate (lbs):	5.000 OR	Tons:	2.5	
Willimum Rate (ibs).	3,000	OK TOILS.	1.50	iviaximum rate (ibs).	5,000 OK	10115.	2.5	
Additional Information: n/a								
Additional information. 174								
Applied								
Type of Mulch Used:								
Number of Bales:		Bale Weight, lbs:		Mulch Applied, Tons:		Exacc/S	Shortage, Tons:	
Nulliber of Bales.		bale Weight, ibs.		Mulcii Applieu, Toris.		EXCess/C	ononage, rons.	
Based on the information in this job sheet, all requirements for this seeding should be completed by:  Year:								
Was site prep completed as		uno occumy oriouta	bo completed by.					
Seeding was completed on		cording to the above	requirements					
ceeding was completed on	(Date)	ording to the above	requirements.					
	(,							
Producer's or Contr	actor's Signature			Date				
For NRCS Use Only:	actor o Cignaturo			24.0				
Does this seeding meet all NRCS standard	ds and specifications a	nd was implemente	d as planned abo	ve?				
Certified by:	,	, , , , ,						
	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.								
companion dop, labor, drill ronal, etc., and seed tests, including tags for yellow tag seed.								