Job Sheet for Seeding											
Planned by:	MO Mix 36 - CP38E-4D Sand Eco Date: County:										
Client:	Address:										
Farm(s):	Tract(s): Fields: CIN#:										
Acres:	1.00 Program:  Widdife Hebitet Planting (420)										
Primary / Cost-shared FOTG Pra	actice: Wildlife Habitat Planting (420) Secondary FOTG Practice:										
Primary Purpose of Seeding:	OR Ecological Site:										
Site Soil Group: Additional Information:	OR Ecological Site:										
Additional information.											
	Seedbed Preparation for Grass and/or Forb/Legume Seeding										
Current Conditions:											
Conditions Desired at Planting:	<ul> <li>Row crop stubble or tilled seed bed (to incorporate amendments, level field, or following construction operations)</li> <li>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)</li> <li>Suppressed existing vegetation, as for an inter-seeding of legumes on pastureland or native forbs on natural communities</li> <li>Slopes that are 4:1 or steeper that will receive a critical area planting (broadcast planting method only)</li> </ul>										
Seed Mix Contains:	Cool Season Grasses (majority) Warm Season Grasses (majority) Native Forbs Native/Introduced Legumes										
Planting Method:	Interseeding: No Planting Season:										
Acceptable Planting Dates:	Optimal Planting Dates:										
Seedbed Prep:  Seed Placement:  Additional Instructions:											
Fertilizer and Lime											
Planned											
Program rules and/or plann and/or fertilizer). Apply fertilizer	ned practice(s) do not require soil amendments (example - general CRP plantings, wildlife plantings on cropland) ned practices require soil amendments be applied according to a recent soil test (less than 4 years old and after the most recent application of liming material tilizer and/or lime according to soil test recommendations as indicated below. ned 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										
Soil Test Recommendations Salt pH from soil test results:	Lime* N P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O										
	Total Needed Not req. 0 0 0										
Blanket rates for constructed fills current soil test is not available											
What legumes are included in the	e seed mix?  None  Alfalfa  Cool Season Legumes other than Alfalfa  Warm Season Legumes										
When to apply lime:											
When to apply fertilizer:	No fertilizer will be applied. Soil nutrients are within ranges required for the planned species that will be planted.										

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

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Additional Information:						
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Companion Crop Specifications	;					
A companion crop may be estable The companion crop will be selec				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:			Tot	tal Lbs Lbs/Ac		
Redtop Spring	g Oats Winter	r Wheat	Bulk Lbs Planted:	0.0		

Seeding Mix Summary												
Acres to be Seeded:	1.00	-										
Practice Adjustment Factor:		•	Broadca	st Adjustme	ent Factor:		-	Intersee	ding Adjust	ment 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
Broomsedge (Bluestem), Andropogon virginicus	No cultivars available	0.100	0.100						-0.100			
Little Bluestem, Schizachyrium scoparium	Aldous (statewide), Camper (north MO), Cimarron (south MO - sandy sites only), Ozark (statewide), Yellow Tag (statewide)	0.600	0.600						-0.600			
Splitbeard Bluestem, Andropogon ternarius	No cultivars available	1.400	1.400						-1.400			
Black-eyed Susan (B), Rudbeckia hirta		0.020	0.020						-0.020			
Blue Lobelia, Lobelia siphilitica		0.008	0.008						-0.008			
Canada Milkvetch, Astragalus canadensis		0.100	0.100						-0.100			
Common Evening Primrose (B), Oenothera biennis		0.018	0.018						-0.018			
Common Milkweed, Asclepias syriaca		0.470	0.470						-0.470			
False Sunflower, Heliopsis helianthoides		0.150	0.150						-0.150			
Foxglove Beardtongue, Penstemon digitalis		0.010	0.010						-0.010			
Golden Alexanders, Zizia aurea		0.080	0.080						-0.080			
Gray Goldenrod, Solidago nemoralis		0.030	0.030						-0.030			
Gray-headed Coneflower, Ratibida pinnata	Available: Sunglow (statewide)	0.090	0.090						-0.090			
Illinois Bundleflower, Desmanthus illinoensis	Available: Reno Germplasm (statewide)	0.160	0.160						-0.160			
Lanceleaf Coreopsis, Coreopsis lanceolata		0.120	0.120						-0.120			
Maximilian Sunflower, Helianthus maximiliani		0.120	0.120						-0.120			
Pale Purple Coneflower, Echinacea pallida		0.100	0.100						-0.100			

Partridge Pea (A), Chamaecrista fasciculata	Available: Riley (statewide), Lark Selection (statewide)	0.200	0.200						-0.200		
Prairie Cinquefoil, Drymocallis arguta		0.012	0.012						-0.012		
Purple Prairie Clover, Dalea purpurea	Available: Kaneb (statewide)	0.220	0.220						-0.220		
Rattlesnake Master, Eryngium yuccifolium		0.070	0.070						-0.070		
Roundhead Lespedeza, Lespedeza capitata	Available: Kanoka (statewide)	0.200	0.200						-0.200		
Showy Ticktrefoil, Desmodium canadense	Available: Alexander Germplasm (statewide)	0.200	0.200						-0.200		
Smooth Aster, Symphyotrichum laeve		0.040	0.040						-0.040		
Stiff Goldenrod, Oligoneuron rigidum, Solidago rigida		0.030	0.030						-0.030		
Swamp Milkweed, Asclepias incarnata		0.030	0.030						-0.030		
Upright Prairie Coneflower, Ratibida columnifera		0.055	0.055						-0.055		
White Prairie Clover, Dalea candida		0.220	0.220						-0.220		
Wild Bergamot, Monarda fistulosa		0.020	0.020						-0.020		
Yarrow, Achillea millefolium		0.009	0.009						-0.009		
	Total Planned:	4.882	4.882								
Planned Grasses PLS/ft <sup>2</sup> :	12.09				Total PLS	S lbs. Forbs	s Planted:				
Planned Forbs/Legumes PLS/ft <sup>2</sup> :		•					% of Mix:		•		
Planned Total PLS/ft <sup>2</sup> :		% of mix of annual/biennial species:									
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 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 Se	edina)									
T (MILE : 1 5		III. AIG-IG- III.	11/21.21/2	T /A						
Amount of Mulch Required: None  None  None		Hay, Alfalfa Hay -	1 1/2 to 2 1/2	Tons/Acre						
Minimum Rate (lbs):	3,000	OR Ton	s: 1.50	Maximum Rate (lb:	c): 5.000	OR	Tons:	2.5		
William Rate (ibs).	3,000	OK 1011	5. 1.50	iviaximum rate (ib	5). 5,000	OK	10115.	2.5		
Additional Information: n/a										
Additional information: 11/4										
Applied										
Type of Mulch Used:										
Number of Bales:		Bale Weight, lb	c:	Mulch Applied, Tor	nc:		Excess/Shor	rtago Tono:		
Number of Bales.		bale Weight, ib	5.	Mulcit Applied, Tol	15.		EXCESS/SHOP	riage, rons.		
Based on the information in this job she	et all requirements for	r this speding sho	uld he comple	ited by:		Year:				
Was site prep completed a	· · · · · · · · · · · · · · · · · · ·	Tanio occarig one	aia bo compio			1001.				
Seeding was completed on	_	cording to the ab	ove requireme	ante						
occuring was completed on	(Date)	cording to the ab	ove requireme	into.						
	(,									
Producer's or Cont	ractor's Signature			Date						
For NRCS Use Only:	-actor o Oignaturo			24.0						
Does this seeding meet all NRCS standar	ds and specifications	and was impleme	nted as plann	ed above?						
Certified by:										
NRCS Representative			Date		Fie	eld 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.										