	Perennial	Seed M	ix Desigr	n Workshe	eet			
Note: Yellow is required entry Version 2, March 2019	. Gray auto-populates						Clear For	n
Conservation Practice:	Forage and Biomass P	lanting (512)		Pango	Planting (550)	Χ		
Conservation Fractice.	Critical Area P			Natige	rianting (550)	^		
	Critical Area P	ianting (342)						
Name:	WY PF Eastern High Plains S	Sandy Mix			Contract #			
Field Number:		Acres	1.0	Co	ontract Item #			
Soil Map Unit:		F	Ecological Site					•
								,
Objective(s) for planting, in	n priority order (1, 2, 3,etc.))						
	Livestock Forage				Improve Lives	tock Nutrition		
	Forage for Low Production	Times			Biofuel or Ene	rgy Production	ı	
	Erosion Control				Conservation I	Reserve Progra	am (CRP)	
	Increase Biodiversity				Plant Commur	nity Restoratio	n	
	Weed Suppression				Attract Benefi	•		
	Improve Soil & Water Quali	itv			Improve Wildl			
	• •	•			p.ore iii.a.			
Table 1. Planned Perennia	I Species, Composition and	Seeding Rate					l	1
		Full Stand	Enter	Planned Rate	Number of		Percent of	Total
Select Species	Enter Cultivar	Rate (PLS	Planned Percent of	(PLS lb/ac)	Seeds/lb	Seeds/ft ²	Seeds/ft ²	Planned (PLS
		lb/ac)	Mixture	(PLS ID/AC)	Seeus/ID		Seeds/Tt	lbs/field)
wheatgrass, western		10.0	15.0%	1.50	93,000	3.2	12%	1.50
grama, blue		2.0	10.0%	0.20	825,000	3.8	14%	0.20
bluestem, sand		9.0	15.0%	1.35	113,000	3.5	13%	1.35
prairie Junegrass		1.0	10.0%	0.10	2,300,000	5.3	19%	0.10
bluestem, little		4.0	10.0%	0.40	260,000	2.4	9%	0.40
Indiangrass		6.0	15.0%	0.90	170,000	3.5	13%	0.90
,								
alfalfa		5.0	5.0%	0.25	225,000	1.3	5%	0.25
flax, Lewis	Blue Flax Appar	3.5	4.0%	0.14	294,000	0.9	3%	0.14
prairie clover, purple		3.5	3.0%	0.11	317,000	0.8	3%	0.11
sunflower, Maximilian		4.0	5.0%	0.20	250,000	1.1	4%	0.20
blanketflower		6.0	3.0%	0.18	186,000	0.8	3%	0.18
phacelia, lacy		4	3.0%	0.03	245,000	0.2	1%	0.03
yarrow, western		0.5	1.0%	0.01	2,850,000	0.3	1%	0.01
black-eyed Susan		0.8	1.0%	0.01	1,746,000	0.3	1%	0.01
SUMMARY								
Normalism of Consider			Total	Total Planned		Total		Total
Number of Species			Mixture (%)	(PLS lbs/ac)		Seeds/ft ²		Planned (PLS lb/field)
								ib/field)
14			100.0%	5.37		27.4		5.37
Site Condition Prior to Pla	nting							
	-							
Planned Seeding Date:					eeding Depth:			
Seeding Method:				Row Spacing (inch) Seed Rate adjusted for Row Spacing				
Seeding Rate (PLS lbs/acre): Seed Rate adjusted Seed Rate adjusted								
			Jeeu Nai	ic aujusteu iti l	Joo-Jecuing			4

Seedbed Preparation:			
Weed Control:			
Fertilization: Fertilizer is r	not normally recommended for range seedings unless a s	soil analysis shows a severe deficiency, then a l	ight rate is
applied. Follow 'Fertilizer	Guidelines for Montana Crops' MSU Extension Publication		
Soil Test Analysis: N	N: P:	К:	
Recommendations: N	P:	к: к:	
	No		
Irrigation: Irrigation Plan:	NO	Yes	
Non			
Grazing Plan:			
Haying Plan:			
,			
NOTES:			
Bard and Claude		D. L.	
Producer Signature		Date	
I hereby certify that this r	practice has been planned in accordance with NRCS stand	dards and specifications	
	ractice has been planned in accordance with twice stand	arias aria specifications.	
Planned By	<i>r</i> :	Date:	
NRCS Signature	III Job Class	Data	
NACS SIGNALUFE	Job Class	Date	