US Department of Agriculture Natural Resources Conservation Service North Dakota

HERBACEOUS PLANTING WORKBOOK

ND-CPA-9 October 2003 Revised - April 2018

	ed entry, blue	ontional	entry					IND PF Easter		e MLRA56 Lim	,2022	Acres:					Date:	01/27/22
Section	Townsh			Range			Address:					Р	lanned Use:	Wildlife				
							County:	Walsh (56)		MLRA	56		_			Design By:	PF	
							Program:	EQIP - Enivro	onmental Quality	/ Incentives Pro	gram	Eco	ological Site: 5	6XY087ND L	Limy Subirrigati	ic Forage Suita	ability Group:	
						NDC	S Practice:				·			act Number:			CIN :	
					NIXOS Flactice.		Companion (Crop, If used:			Planned S	eeding Date:	act Number.	•		CIN :		
								Cı	rop	Rate #/Ac.	See		eeding Date.					
						Pla	anned				3660	ding Method:						
							lishment tivities											
							ned Pest											
							agement tivities											
						N	lotes											
elp to insert an im	age on							refer to NRC	S Field Office	Technical Guid	de (FOTG), S	ection 4, for pr	ractice specifi	ications and	the ND Herba	aceous Vegeta	tion Establish	ment Guide, found
e area above.	(1)		the	FOTG, Sec (2		eference (2a)	(2b)	(3)	(4)	(5))	(6)	(7)	(8)	(9)	(10)	(11)
Species Rate			ncrease of			Seeding		Plann			Plan		Percent	Percent	Total Lbs.	Total PLS Lbs		
			Rate		A / B List	Bloom Period	Rate PLS	Percent in Seed Mix	PLS Lbs / Acre	/ Acre	Acres to be	I otal P	PLS Lbs	Purity or	Germination +	Bulk Seed	Seeded (8) X (9)	
				(101 to	150%)							Seeded				+		
ndiangrass					,			Lbs / Acre		Columns		Seeded	Columns		Pure Seed	+ % Hard	Planted	(10)
lluestem, Big						NR	NR	7.00	10.00%	0.7	0	1.0	0.7	(5) X (6) 70				
						NR	NR	7.00 7.50	20.00%	0.7 1.5	0 0	1.0 1.0	0.7 1.9	(5) X (6) 70 5				
						NR NR	NR NR	7.00 7.50 4.50	20.00% 10.00%	0.7 1.5 0.4	0 0 5	1.0 1.0 1.0	0.7 1.3 0.4	(5) X (6) 70 5 45				
Switchgrass						NR NR NR	NR NR NR	7.00 7.50 4.50 4.50	20.00% 10.00% 20.00%	0.7 1.5 0.4 0.9	0 0 5 0	1.0 1.0 1.0 1.0	0.7 1.9 0.4 0.9	(5) X (6) 70 5 15 90				
Switchgrass Grama, Sideoat	s	ed & be	arded			NR NR NR NR	NR NR	7.00 7.50 4.50 4.50 7.50	20.00% 10.00% 20.00% 15.00%	0.7 1.5 0.4 0.9 1.1	0 0 5 0 3	1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.3 0.4 0.9 1.7	(5) X (6) 70 5 45 90 1				
Switchgrass Grama, Sideoat Vheatgrass, Sle	s ender awn	ed & be	arded			NR NR NR	NR NR NR NR	7.00 7.50 4.50 4.50	20.00% 10.00% 20.00%	0.7 1.5 0.4 0.9 1.1 0.5	0 0 5 0 3 5	1.0 1.0 1.0 1.0	0.7 1.9 0.4 0.9	(5) × (6) 70 5 45 90 1 55				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Susa	is ender awn an		earded			NR NR NR NR NR A	NR NR NR NR NR	7.00 7.50 4.50 4.50 7.50 5.50	20.00% 10.00% 20.00% 15.00% 10.00%	0.7 1.5 0.4 0.9 1.1	0 0 5 0 3 5 2	1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.4 0.4 0.9 1. 0.5	(5) × (6) 70 55 45 45 90 1 1 55 55 02				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra	s ender awn an airie (Yellov		earded			NR NR NR NR A A	NR NR NR NR NR Mid, Late	7.00 7.50 4.50 4.50 7.50 5.50 0.80	20.00% 10.00% 20.00% 15.00% 10.00% 2.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0	0 0 5 0 3 5 5 2 3	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.3 0.4 0.9 1. 0.5 0.0	(5) X (6) 70 5 45 90 1 55 55 92 93				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra Prairieclover, Pt	s ender awn an airie (Yellov urple		earded			NR NR NR NR A A	NR NR NR NR NR Mid, Late Mid-season	7.00 7.50 4.50 4.50 7.50 5.50 0.80 1.50	20.00% 10.00% 20.00% 15.00% 10.00% 2.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0	0 0 5 0 3 5 5 2 3 5 5	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.4 0.4 0.9 1. 0.5 0.0 0.0	(5) X (6) 5 5 60 1 55 55 52 53 53 55 55 55 55 55 55 55 55				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra Prairieclover, Pu Sunflower, Maxi	s ender awn an airie (Yellov urple imilian		arded			NR NR NR A A A A A A A A	NR NR NR NR Mid, Late Mid-season Mid-season Mid-season Early, Mid	7.00 7.50 4.50 4.50 7.50 5.50 0.80 1.50 3.80	20.00% 10.00% 20.00% 15.00% 10.00% 2.00% 4.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0	0 0 5 0 3 5 2 2 3 5 5 2	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.4 0.4 0.9 1. 0.5 0.0 0.0 0.0 0.0	(5) X (6) 70 5 15 00 1 1 55 02 03 15 02 02 02				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra Prairieclover, Pt Sunflower, Maxi Vestern yarrow	ender awn an airie (Yellov urple imilian		earded			NR NR NR A A A A A A A A	NR NR NR NR Mid, Late Mid-season Mid-season	7.00 7.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00	20.00% 10.00% 20.00% 15.00% 10.00% 2.00% 2.00% 4.00% 2.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.1 0.0	0 0 5 0 3 5 2 3 5 5 5 2 2 2 1	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.1 0.4 0.9 1. 0.5 0.0 0.0 0.0 0.0 0.0 0.1 0.0	(5) X (6) 70 5 45 90 1 1 55 92 93 15 92 92 93 92 93 92 93 92 93 92 93 92 93 93 93 94 95 90 90 90 90 90 90 90 90 90 90				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Susa Coneflower, Pra Prairieclover, Pu Sunflower, Maxi Vestern yarrow	ender awn an airie (Yellov urple imilian		earded			NR NR NR A A A A A A A A	NR NR NR NR Mid, Late Mid-season Mid-season Mid-season Early, Mid	7.00 7.50 4.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00 0.40	20.00% 10.00% 20.00% 15.00% 10.00% 2.00% 2.00% 2.00% 2.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.1 0.0 0.0	0 0 5 0 3 5 2 3 5 5 5 2 2 2 1	1.0 1.0	0.7 1.3 0.4 0.9 1.7 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(5) X (6) 70 5 45 90 1 1 55 92 93 15 92 92 93 92 93 92 93 92 93 92 93 92 93 93 93 94 95 90 90 90 90 90 90 90 90 90 90				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Susa Coneflower, Pra Prairieclover, Pu Sunflower, Maxi Vestern yarrow	ender awn an airie (Yellov urple imilian		earded			NR NR NR A A A A A A A A	NR NR NR NR Mid, Late Mid-season Mid-season Mid-season Early, Mid	7.00 7.50 4.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00 0.40	20.00% 10.00% 20.00% 15.00% 10.00% 2.00% 2.00% 2.00% 2.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.1 0.0 0.0	0 0 5 0 3 5 2 3 5 5 5 2 2 2 1	1.0 1.0	0.7 1.3 0.4 0.9 1.7 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(5) X (6) 70 5 45 90 1 1 55 92 93 15 92 92 93 92 93 92 93 92 93 92 93 92 93 93 93 94 95 90 90 90 90 90 90 90 90 90 90				
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra Prairieclover, Pt Sunflower, Maxi Vestern yarrow	ender awn an airie (Yellov urple imilian		earded			NR NR NR A A A A A A A A	NR NR NR NR Mid, Late Mid-season Mid-season Mid-season Early, Mid	7.00 7.50 4.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00 0.40	20.00% 10.00% 20.00% 15.00% 10.00% 2.00% 2.00% 2.00% 2.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.1 0.0 0.0 0.0	0 0 5 0 3 5 2 3 5 2 3 5 2 1 4	1.0 1.0	0.7 1.3 0.4 0.9 1.7 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(5) X (6) 70 5 15 90 1 55 90 1 55 90 92 93 15 92 94 94 94 94 95 95 95 96 97 97 97 97 97 97 97 97 97 97	Pure Seed -		Planted	
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra Prairieclover, Pra Prairieclover, Pu Sunflower, Maxi Vestern yarrow Goldenrod, Stiff	ender awn an airie (Yellov urple imilian	v)				NR NR NR A	NR NR NR NR Mid, Late Mid-season Mid-season Mid-season Early, Mid	7.00 7.50 4.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00 0.40	20.00% 10.00% 20.00% 15.00% 2.00% 2.00% 2.00% 2.00% 2.00% 3.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.1 0.0 0.0 0.0	0 0 5 0 3 5 2 3 5 2 3 5 2 1 4	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.9 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(5) X (6) 70 5 15 90 1 55 90 1 55 92 93 15 92 91 94 5 5 5 5 5 5 5 5 5 5 5 5 5	Pure Seed	% Hard - <td>Planted</td> <td></td>	Planted	
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra Prairieclover, Pra Prairieclover, Pu Sunflower, Maxi Vestern yarrow Goldenrod, Stiff CERTIFICATION Was the	ender awn an airie (Yellov urple imilian ' : : Ser planting cor	v) ed Tags	• Available a	red seedi	ng windd	NR NR NR NR A A A A A A A A A A	NR NR NR Mid, Late Mid-season Mid-season Early, Mid Early, Mid, Late	7.00 7.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00 0.40 1.40 Enter pl	20.00% 10.00% 20.00% 15.00% 2.00% 2.00% 2.00% 2.00% 3.00% 3.00% 100.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 5 0 3 5 2 3 5 2 3 5 2 1 4	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.9 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(5) X (6) 70 5 15 90 1 55 90 1 55 92 93 15 92 91 94 5 5 5 5 5 5 5 5 5 5 5 5 5	Pure Seed	% Hard	Planted	
Is the ger	ender awn an airie (Yellov urple imilian f : See planting cor rm test date	ed Tags pleted for all s	Available?	red seedi in 12 mor	ng windd	NR NR NR A	NR NR NR NR Mid, Late Mid-season Mid-season Mid, Late Early, Mid Early, Mid Early, Mid, Late	7.00 7.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00 0.40 1.40 Enter pl not including	20.00% 10.00% 20.00% 15.00% 2.00% 2.00% 2.00% 3.00% 3.00% 100.00% anting date: the month of	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 5 0 3 5 2 3 5 2 3 5 2 1 4 9 Planned PL	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.9 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(5) X (6) 70 5 15 90 1 55 90 1 55 92 93 15 92 91 94 5 5 5 5 5 5 5 5 5 5 5 5 5	Pure Seed	% Hard	Planted	(10)
Switchgrass Grama, Sideoat Vheatgrass, Sle Black-eyed Suss Coneflower, Pra Prairieclover, Pra Prairieclover, Maxi Vestern yarrow Goldenrod, Stiff CERTIFICATION Was the prairies Sussessing of the solution of the solution Was the prairies of the solution of the solution State of the solution of the solutio	ender awn an airie (Yellov urple imilian f : See planting cor rm test date	ed Tags mpleted for all s vies app	• Available? in the requi pecies with roved name	red seedi in 12 mor ed varietie	ng windd tths of wl s? If no	NR NR NR A A A A A A A A A A A A A A A A	NR NR NR NR Mid, Late Mid-season Mid-season Mid, Late Early, Mid E	7.00 7.50 4.50 4.50 7.50 5.50 0.80 1.50 3.80 1.00 0.40 1.40 Enter pl not including the seeded	20.00% 10.00% 20.00% 15.00% 2.00% 2.00% 2.00% 2.00% 3.00% 3.00% 100.00%	0.7 1.5 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 5 0 3 5 2 3 5 2 3 5 2 1 4 4 Planned PL	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 1.9 0.4 0.9 1.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(5) X (6) 70 5 15 90 1 55 90 1 55 92 93 15 92 91 94 5 5 5 5 5 5 5 5 5 5 5 5 5	Pure Seed	% Hard	Planted	(10)