DEQ-Style NMP Form Bullseye Feedlot MTG 010135 Renewal Application Dec 2023										
Field ID	West Hwy	Year: 2024-2028	Crop:		corn silag	ne l		Acres:	24.8	
	1: 250 bu/ac		огор.		oom onag	, <u> </u>		Acres.	24.0	
		or P app from Soil Test:		Olsen F	14 ppm			Manure ⁻	Type:	
			oadcast not			ated		Solid		
Whe	n applicatio	n will occur:		Fall				Manure units	Tons	
			units	N-based	P-based	Source of	informati	on and/or		
				app *	app		notes	200 "		
1	Cradita from	Crop Nutrient Needs n previous legume crops, or	lbs/ac	294	128	Helena Chem	ical 10.06.2	020 soil report		
2	Credits from	soil test	lbs/ac	18	28	Helena Chem	ical 10.06.2	020 soil report		
3	Residuals fr	rom past manure production	lbs/ac	0	0					
4	Nutrients s	supplied by commercial fert and biosolids	lbs/ac	0	0					
5	Nutrients s	supplied in irrigation water	lbs/ac	0	0					
6	(=)	Additional nutrients	lbs/ac	276	100					
		T (11)								
7		Total N and P in manure	Ibs/ton or Ibs/1000 gal	15.1	9	Total Kjeldah	ıl N availabl o analysis da			
		Nutrient availability	decimal			manare las	o analysis at	dica 6/2/20		
8	(x)	factor	number	0.6	1.0	Not tille	ed in within 4	18 hrs.		
9		Available nutrients in	lbs/ton or	9.06	9					
_		manure	lbs/1000 gal		-					
10		Additional nutrients	lho/oo	276	100					
10		Additional nutrients in	lbs/ac	276	100					
11	(/)	manure	lbs/1000 gal	9.06	9					
12	(=)	Manure application rate	tons/ac or 1000 gal/ac	30.46	11.11	P-index	result is low	/medium		
Additional	Information ar	nd Calculations	Gallons per acre		Total gallons needed P-based					
Acres:				N-based app	P-based app	N-based app	app			
		24.8		30463.6	11111.1	755,497	275,556			

^{*} Using Agvise soil test from Oct 2020 which accounts for credits of N in soil.

DEQ-Style NMP Form Bullseye Feedlot MTG 010316 Renewal Application Dec 2023										
Field ID: Cove Ditch Year: 2024-2028 Crop: corn silage Acres: 78										
xp. Yield: 40 tons/ac										
P Index Results or P app from Soil Test: Olsen P 25 ppm Manure Type:										
Method of Land Application: broadcast not immediately incorporated solid										
When application will occur: fall Manure unit: tons										
					1					
			units	N-based	P-based	Source of information and/or note				
			uiiis	арр	арр	Source of information and/or note				
1		Crop Nutrient Needs	lbs/ac	364		Helena Chemical 10.06.2020 soil repo				
2	(-)	Credits from previous	lbs/ac	52	50	Helena Chemical 10.06.2020 soil repo	ort			
3	(-)	Residuals from past	lbs/ac							
4	(-)	Nutrients supplied by	lbs/ac							
5	(-)	Nutrients supplied in	lbs/ac							
6	(=)	Additional nutrients	lbs/ac	312	-2					
					ı					
7		Total N and P in	lbs/ton or	15.1	9	Total Kjeldahl N available result from				
,		manure	lbs/1000 gal	000 gal		lab analysis dated 6/2/23				
	()	Nutrient availability	decimal							
8	(x)	factor	number	0.6	1.0					
9		Available nutrients in	lbs/ton or	9.06	9					
		manure	lbs/1000 gal	5.00	9	Not tilled in within 48 hrs.				
					ı					
10		Additional nutrients	lbs/ac	312	-2					
11	(/)	Available nutrients in manure	lbs/ton or lbs/1000 gal	9.06	9					
12	(=)	Manure application rate	tons/ac or 1000 gal/ac	34.44	-0.22	P-index result is low/medium				
Additional Information and Calculations Gallons per acre Total gallons needed										
				N-based	P-based	N-based P-based				
		Acres:		app	app	app app				
78 34437.1 -222.2 2,686,093 (17,333)										

^{*} Using Agvise soil test from Oct 2020 which accounts for credits of N in soil.

DEQ-Sty	le NMP Form	Bullseye Feedlot MTG	010316 Ren	ewal Appli	cation Dec	2023				
xp. Yiel	D: Home	Year: 2024-2028	•		corn silag	е	Acres			
P Index Results or P app from Soil Test: Olsen P 80 ppm Manure Type:										
Method of Land Application: broadcast not immediately incorporated solid										
vvn	When application will occur: fall Manure units: tons									
			units	N-based app	P-based app	Source of	information and/or notes			
1		Crop Nutrient Needs	lbs/ac	378	0	Helena Che	emical 10.06.2020 soil report			
2	Credits fror	n previous legume crops, or soil test	lbs/ac	38	160	Helena Che	emical 10.06.2020 soil report			
3		om past manure production	lbs/ac							
4	Nutrients	supplied by commercial fert and biosolids	lbs/ac							
5	Nutrients s	supplied in irrigation water	lbs/ac							
6	(=)	Additional nutrients	lbs/ac	340	-160					
7		Total N and P in manure	lbs/ton or lbs/1000 gal	15.1	9	,	lahl N available result from lab analysis dated 6/2/23			
8	(x)	Nutrient availability factor	decimal number	0.6	1.0	Not t	tilled in within 48 hrs.			
9		Available nutrients in manure	lbs/ton or lbs/1000 gal	9.06	9					
10		Additional nutrients	lbs/ac	340	-160					
11	(/)	Available nutrients in manure	lbs/ton or lbs/1000 gal	9.06	9					
12	(=)	Manure application rate	tons/ac or 1000 gal/ac	37.53	-17.78	P-inde	ex result is low/medium			
Additional Information and Calculations Gallons per acre Total gallons needed										
The state of the s				N-based	P-based	N-based	P-based			
		Acres:		арр	app	app	app			
		69.4		37527.6	-17777.8	2,604,415	(1,233,778)			

 $^{^{\}star}$ Using Agvise soil test from Oct 2020 which accounts for credits of N in soil.

DEQ-Style NMP Form Bullseye Feedlot MTG 010316 Renewal Application Dec 2023											
Field ID: Fox N S Year: 2024-2028 Crop: corn silage Acres:								Acres: 80.8			
		40 tons/ac		Г Огор.		oom ona	30	710/05.			
			or P app from Soil Test:		Olsen P	43 ppm		Manure Type:			
Method of Land Application: broadcast not immediately incorporated solid											
When application will occur: Fall Manure units 1							Manure units tons				
				units	N-based	P-based	Source of it	nformation and/or notes			
				units	app	app	Source of it	normation and/or notes			
	1		Crop Nutrient Needs	lbs/ac	374	15	Helena Chen	nical 10.06.2020 soil report			
	2	Credits fron	n previous legume crops, or soil test	lbs/ac	42	86	Helena Chen	nical 10.06.2020 soil report			
	3	Residuals fr	rom past manure production	lbs/ac							
	4	Nutrients s	supplied by commercial fert	lbs/ac							
	5	Nutrients	and biosolids supplied in irrigation water	lbs/ac							
	6	(=)	Additional nutrients	lbs/ac	332	-71					
			Total N and P in	lbs/ton or			Total Kielda	hl N available result from			
	7		manure	lbs/1000 gal	15.1	9	,	b analysis dated 6/2/23			
			Nutrient availability	decimal							
:	8	(x)	factor	number	0.6	1.0	Not till	ed in within 48 hrs.			
			Available nutrients in	lbs/ton or	0.05	•		<u> </u>			
	9		manure	lbs/1000 gal	9.06	9					
1	LO		Additional nutrients	lbs/ac	332	-71					
1	11	(/)	Available nutrients in manure	lbs/ton or lbs/1000 gal	9.06	9					
1	12	(=)	Manure application rate	tons/ac or 1000 gal/ac	36.64	-7.89	P-index	result is low/medium			
Additional Information and Calculations						per acre	Total gallo	ns needed			
					N-based	P-based	N-based	P-based			
			Acres:		app	app	арр	арр			
			80.8		36644.6	-7888.9	2,960,883	(637,422)			

^{*} Using Agvise soil test from Oct 2020 which accounts for credits of N in soil.

DEQ-Sty	le NMP Form	Bullseye Feedlot MTG	010316 Ren	ewal Applic	cation Dec	2023				
C: ald II	D. E E W	Va av. 0004 0000	l 0		oorn oilog	10	1	04.0		
	D: Fox E W d: 40 tons/ac	Year: 2024-2028	Crop:		corn silag	je	Acres:	61.8		
		or P app from Soil Test:		Olsen F	2 59 ppm		Manure	Tyne		
	thod of Land		oadcast not			ated	soli			
	en application			Fall	<i>y</i> σσ. μσ. σ		Manure units			
	The first terms									
			units	N-based	P-based	Source of i	nformation and/or notes			
				арр	арр					
1	Our dite for o	Crop Nutrient Needs	lbs/ac	386	15	Helena Chen	nical 10.06.2020 soil report			
2	Credits from	n previous legume crops, or soil test	lbs/ac	30	118	Helena Chen	nical 10.06.2020 soil report			
3		rom past manure production	lbs/ac							
4	Nutrients s	supplied by commercial fert and biosolids	lbs/ac							
5	Nutrients	supplied in irrigation water	lbs/ac							
6	(=)	Additional nutrients	lbs/ac	356	-103					
7		Total N and P in manure	lbs/ton or lbs/1000 gal	15.1	9	,	hl N available result from ab analysis dated 6/2/23			
8	(x)	Nutrient availability factor	decimal number	0.6	1.0	Not til	led in within 48 hrs.			
9		Available nutrients in manure	lbs/ton or lbs/1000 gal	9.06	9					
10		Additional nutrients	lbs/ac	356	-103					
11	(/)	Available nutrients in manure	lbs/ton or lbs/1000 gal	9.06	9					
12	(=)	Manure application rate	tons/ac or 1000 gal/ac	39.29	-11.44	P-index	result is low/medium			
Addition	al Information	and Calculations			per acre		ns needed			
				N-based	P-based	N-based	P-based			
		Acres:		app	app	app	(707.0CZ)			
		61.8		39293.6	-11444.4	2,428,344	(707,267)			

 $^{^{\}star}$ Using Agvise soil test from Oct 2020 which accounts for credits of N in soil.