	cation: Barley Year: 2021 Cro	p:Barley Silage - R	epresentative Example	
	op Yield:14 ton/acre			
norus	index results or Phosphorus application fro	m soil test: Repres	sentative Soil Test	
will ap	pplication occur:Post Harvest	and the state of t		
	Nutrient Budget	Nitrogen-based Application	Phosphorus-based Application	Source of information
	Crop Nutrient Needs, lbs/acre	224		
(-)	Credits from previous legume crops, or soil test lbs/ac	14		
(-)	Residuals from past manure production lbs/acre (if no new soil test)			
(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	54		
(-)	Nutrients supplied in irrigation water, lbs/acre			
	= Additional Nutrients Needed, lbs/acre	156.00	0.00	
March.	PACE AND EXCEPTION OF THE PACE AND ADDRESS OF THE PACE	自由 经生 5年起		10075
	Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	14		
(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1	
	= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	8.40	0.00	
	MACHINE THE PARTY OF THE PARTY			
	Additional Nutrients needed, lbs/acre (calculated above)	156.00	0.00	
(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	8.40	0.00	
	= Manure Application Rate, tons/acre or 1000 gal/acre	18.571		
	(-) (-) (x)	d of Land Application: Spreader Truck will application occur: Post Harvest Nutrient Budget Crop Nutrient Needs, lbs/acre Credits from previous legume crops, or soil test lbs/ac (-) Residuals from past manure production lbs/acre (if no new soil test) (-) Nutrients from commercial fertilizer and biosolids, lbs/acre Nutrients supplied in irrigation water, lbs/acre = Additional Nutrients Needed, lbs/acre Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test) (x) Nutrient Availability factor, for Phosphorus based application use 1.0 = Available Nutrients in Manure, lbs/ton or lbs/1000 gal Additional Nutrients needed, lbs/acre (calculated above) (/) Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above) = Manure Application Rate, tons/acre	Additional Nutrients Needed, Ibs/acre Total Nitrogen and Phosphorus in manure, Ibs/ton or Ibs/1000 gal Additional Nutrients in Manure, Ibs/ton or Ibs/1000 gal (calculated above) Available Nutrients in Manure, Ibs/ton or Ibs/1000 gal (calculated above) (Application sitrogen-based Application from production for Size (calculated above) Autrients results or Phosphorus application from soil test: Repress of Grands application from Site (product) for S	torus index results or Phosphorus application from soil test: Representative Soil Test dof Land Application:Spreader Truck will application occur:Post Harvest Nutrient Budget Nitrogen-based Application Crop Nutrient Needs, Ibs/acre (-) Credits from previous legume crops, or soil test Ibs/ac Residuals from past manure production Ibs/acre (if no new soil test) (-) Nutrients from commercial fertilizer and biosolids, Ibs/acre = Additional Nutrients Needed, Ibs/acre Total Nitrogen and Phosphorus in manure, Ibs/ton or Ibs/1000 gal (x) Nutrient Availability factor, for Phosphorus based application use 1.0 = Available Nutrients in Manure, Ibs/ton or Ibs/1000 gal Additional Nutrients needed, Ibs/acre (calculated above) Available Nutrients in Manure, Ibs/ton or Ibs/1000 gal (calculated above) = Manure Application Rate, tons/acre 18 571

Comments

This is a representative nutrient budget for Buffalo Canyon Feeders LLC for spreading manure using a Nitrogen-based Application for a barley silage crop. The spreading reate of 18.57 tons/acre would be used for a one year Nitrogen application rate for barley silage production.

Field identification: Wheat Year: 2021 Crop:Winter Wheat Silage/Grain - Example Expected Crop Yield:70 bu/ac

Phosphorus index results or Phosphorus application from soil test: Representative Soil Test

Method of Land Application: Spreader Truck
When will application occur: Post Harvest

Nutrient Budget Nitrogen-based Phosphorus-based Source of Application Application information 1 Crop Nutrient Needs, lbs/acre 182 Credits from previous legume crops, or 2 (-) 14 soil test lbs/ac Residuals from past manure production 3 0 (-) lbs/acre (if no new soil test) Nutrients from commercial 4 (-) 35 fertilizer and biosolids, lbs/acre Nutrients supplied in irrigation water, 5 0 (-) lbs/acre = Additional Nutrients Needed, 133.00 0.00 6 lbs/acre Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from 7 14 manure test) Nutrient Availability factor, for 1 0.60 (x) 8 Phosphorus based application use 1.0 = Available Nutrients in Manure, 8.40 0.00 9 lbs/ton or lbs/1000 gal Additional Nutrients needed, lbs/acre 0.00 133.00 10 (calculated above) Available Nutrients in Manure, lbs/ton 8.40 0.00 (/) 11 or lbs/1000 gal (calculated above) = Manure Application Rate, tons/acre 15.833 12 or 1000 gal/acre

Comments

This is a representative nutrient budget for Buffalo Canyon Feeders LLC for spreading manure using a Nitrogen based application for a winter wheat silage crop. The spreading rate of 15.83 tons/acre would be used for a one year Nitrogen application rate for winter wheat silage production. The representative example would also be applicable for a winter wheat grain crop.

Field identification: Wheat Year: 2021 Crop: Spring Wheat Silage/Grain - Example

Expected Crop Yield:70 bu/ac

Phosphorus index results or Phosphorus application from soil test: Representative Soil Test

Method of Land Application: Spreader Truck

When will application occur: Post Harvest

		Nutrient Budget	Nitrogen-based	Phosphorus-based	Source of
			Application	Application	information
1		Crop Nutrient Needs, lbs/acre	231		
2	(-)	Credits from previous legume crops, or soil test lbs/ac	14		
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)	0		
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre	35		
5	(-)	Nutrients supplied in irrigation water, lbs/acre	0		
6		= Additional Nutrients Needed, lbs/acre	182.00	0.00	
	NO.		DESCRIPTION OF THE PERSON OF T		
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	14		
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1	
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	8.40	0.00	
		THE RESERVE	#ACKLESS TO S	图 報 图 图 图	THE PERSON NAMED IN COLUMN
10		Additional Nutrients needed, lbs/acre (calculated above)	182.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	8.40	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	21.667		

Comments

This is a representative nutrient budget for Buffalo Canyon Feeders LLC for spreading manure using a Nitrogen based application for a spring wheat silage crop. The spreading rate of 21.67 tons/acre would be used for a one year Nitrogen application rate for spring wheat silage production. The representative example would also be applicable for a spring wheat grain crop.

Field ic	dentific	cation: Alfalfa Year: 2021 Cro	p:80:20 Alfalfa:Gra	ss Silage/Hay Example	9
Expect	ed Cro	p Yield:2.5 ton/acre DM (Approx 3 ton/acre	As-Is Hay)		
Phospl	norus i	ndex results or Phosphorus application fro	m soil test:Repres	entative Soil Test	
Metho	d of La	nd Application:Spreader Truck			
When	will ap	plication occur:Post Harvest			
		Nutrient Budget	Nitrogen-based Application	Phosphorus-based Application	Source of information
1		Crop Nutrient Needs, lbs/acre	15		
2	(-)	Credits from previous legume crops, or soil test lbs/ac	14		
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)			
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre			
5	(-)	Nutrients supplied in irrigation water, lbs/acre			
6		= Additional Nutrients Needed, lbs/acre	1.00	0.00	
		THE RESERVE THE PROPERTY OF THE PERSON OF TH	對於非常性認為	Carling III	
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	14		
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1	
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	8.40	0.00	
		1000年1月1日 1月1日 1月1日 1月1日 1月1日 1月1日 1月1日 1月1日	List the English	Post William	CHARLES AND STREET
10		Additional Nutrients needed, lbs/acre (calculated above)	1.00	0.00	
	1				

Comments

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12

(/)

This is a representative nutrient budget for Buffalo Canyon Feeders LLC for spreading manure using a Nitrogen based application for a 80:20 Alfalfa:Grass silage or hay crop. The spreading rate of 0.12 tons/acre would be used for a one year application rate for this Alfalfa:Grass silage or hay production.

8.40

0.119

0.00

Available Nutrients in Manure, lbs/ton

= Manure Application Rate, tons/acre

or lbs/1000 gal (calculated above)

or 1000 gal/acre

Field identification: Alf_Grass Year: 2021 Crop:20:80 Alfalfa:Grass Silage/Hay Example

Expected Crop Yield:2.5 ton/acre DM (Approx 3 ton/acre As-Is Hay)

Phosphorus index results or Phosphorus application from soil test:Representative Soil Test

Method of Land Application: Spreader Truck

When will application occur: Post Harvest

		Nutrient Budget	Nitrogen-based	Phosphorus-based	Source of
			Application	Application	information
1		Crop Nutrient Needs, lbs/acre	45		
2	(-)	Credits from previous legume crops, or soil test lbs/ac	14		
3	(-)	Residuals from past manure production lbs/acre (if no new soil test)			
4	(-)	Nutrients from commercial fertilizer and biosolids, lbs/acre			
5	(-)	Nutrients supplied in irrigation water, lbs/acre	,		
6		= Additional Nutrients Needed, lbs/acre	31.00	0.00	
		一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个			
7		Total Nitrogen and Phosphorus in manure, lbs/ton or lbs/1000 gal (from manure test)	14		
8	(x)	Nutrient Availability factor, for Phosphorus based application use 1.0	0.60	1	
9		= Available Nutrients in Manure, lbs/ton or lbs/1000 gal	8.40	0.00	
		[64] [14] [14] [14] [14] [14] [14] [14] [1			
10		Additional Nutrients needed, lbs/acre (calculated above)	31.00	0.00	
11	(/)	Available Nutrients in Manure, lbs/ton or lbs/1000 gal (calculated above)	8.40	0.00	
12		= Manure Application Rate, tons/acre or 1000 gal/acre	3.690		

Comments

This is a representative nutrient budget for Buffalo Canyon Feeders LLC for spreading manure using a Nitrogen based application for a 20:80 Alfalfa:Grass silage or hay crop. The spreading rate of 3.7 tons/acre would be used for a one year application rate for this Alfalfa:Grass silage or hay production.