

DAIRY Feed Management Plan Checklist

Feeding management is one of six components of a Comprehensive Nutrient Management Plan (CNMP) as defined by the Natural Resource Conservation Service. Feed management practices may reduce the volume and nutrient content of manure and may be an effective approach to minimizing the import of nutrients to the farm. Feeding management as part of a CNMP should be viewed as a "consideration" but not a "requirement" as some practices will not be economical on some dairies. The following checklist is designed to assist dairy producers and their nutrient management advisor to determine feeding management factors that affect nutrient management. The checklist is meant to be used as an *on-farm* assessment tool. The factors contained in this assessment can be used as a guide to document or identify feeding management practices that will contribute to achieving nutrient balance at a whole farm level. Nitrogen and phosphorus are the two nutrients that are required to be managed as part of a CNMP. When nitrogen and phosphorus imports exceed nitrogen and phosphorus exports there is an imbalance at a whole farm level. These imbalances may lead to impaired water quality in nearby water bodies due to both surface runoff or leaching of nutrients to ground water. Excess nitrogen can also be volatilized and contribute to impaired air quality. Potassium is a nutrient that can lead to production and health problems if it is not monitored in dairy rations, therefore it is included as a nutrient to monitor in this checklist.

Dairy Name We	rkhoren	Dairy
Date Completed	le-21-06	
Producer Signature_		; and command that to the found of a stable and the supplication of the stable and the stable and the stable and the supplication of the stable and the stab
Adviser Signature		

On the following pages is a list of feeding management practices that can affect nutrient balance. Please read through each feeding management consideration and record your answer.

Feed Management Considerations	Was it considered?		Will it be economical?		Will it be implemented?		Will it be considered in the future?		Environmental benefit	
	Yes	No	Yes	No	Yes	No	Yes	No		
Targeting	-		-		Laurence Laurence		المبسيد تشتيني ومسا		Accessed as a recommendation of the second contract of the second co	
Nutrient										
Requirements										
Formulate										
multiple rations							ŀ			
to meet nutrient								,		
requirements of										
cattle (high	/		/		/				NI NBJ. D	
producing, low	V .		V						N, NH₃, P	
producing										
lactating, dry,							-			
multiple heifer										
groups)		(
Analyze CP	1/1/00		/		15	1	, , ,			
content of	100				N/A	-	I N/A		N, NH ₃	
rations routinely	the state of				1 1		[/] /]			
Analyze P	les de	pl	. /		. /		.17			
content of	Valo	000	1/		NA		N/1		Р	
rations routinely	Kon	0			1 1		1			
Analyze K	U									
content of early	//						/	-		
lactation rations	Vand		' /		1/		1/f-A		K	
routinely	done	21	1/		NA		1//		, K	
(DCAD	2079	9			(/ . :		1	
positive)	O		1.1		1					
Analyze K										
content of pre-										
fresh ration	Vacan	e_	/						K	
routinely	YO'	CNA	🗸		.					
(DCAD	000	1								
negative)	0	- N=1A		<u></u>						
Determine dry	Jora Bora Coe	000	L ./		. 111		LA		NI AUL D	
matter intake	coe	J Smy			NA		WITT		N, NH ₃ , P	
Monitor dry					1					
matter content			/	-	1/1		a//1			
of forages and	V				MA		17/71		N, NH ₃ , P	
wet feedstuffs			V		1 /		I ('			

Feed Management Considerations	Was it considered?		Will it be economical?		Will it be implemented?		Will it consider the fut	red in	Environmental benefit
	Yes	No	Yes No		Yes No		Yes No		
Ration Balancing									
Reformulate rations routinely for the following:		-		-					N, NH ₃ , P
a) Forage quality (NDF, ADF, CP, P, starch)	/			,	NH		NA		N, NH ₃ , P
b) Changes in ration feedstuffs	\checkmark		/		NA		NA		N, NH ₃ , P
c) Dry matter content of forages	/		/		N/A		NA		N, NH ₃ , P
d) Formulate for positive or negative DCAD rations (Na, K, Cl, and S)	/	,	/		NA		NA	,	К
e) Balance rations using either rumen degradable protein or amino acid content		/	/		NA		N/J	?	N, NH₃

Feed Management Considerations	Was it considered?		Will it be economical?		Will it be implemented?		Will it be considered in the future?		Environmental benefit
	Yes	No	Yes	No	Yes	No	Yes	No	
Ration Management Practices							a dan as an ann an Aireann an Aire		
Feed for limited feed refusal in lactating ration	/								N, NH ₃ , P
Assess feedbunks routinely and maintain a consistent and fresh feed supply Use total mixed rations	/								N, NH ₃ , P
	der h	al la	1		NA	-	NA		N, NH ₃ , P
b) Monitor loading and scale accuracy	1	40			114				N, NH ₃ , P
c) Evaluate mixing process	Voled	rends hay			NA		NA		N, NH ₃ , P
Use computer grain feeders				. /				V	
Clean feedbunks daily	/								
Clean water troughs regularly	24	k			NA				

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	Yes	No	Yes	No	Yes	No	Yes	No		
Production Aids/Enhancer s								1		
Direct fed microbials/yeast			1		WHA		N	H		
Rumensin	V		V		NH		NH			
BST	V		V		N/A		NI	A		
Monitoring Tools							!		TO THE RESIDENCE OF THE PROPERTY OF THE PROPER	
Use Milk Urea Nitrogen (MUN) to assess nitrogen utilization	1		1		NA		NA		N, NH ₃	
Monitor N intake/N output	/	,	/		NA	www.day.co.co.do.co.co.co.co.co.co.co.co.co.co.co.co.co	NH		N, NH ₃	
Monitor water quality for minerals and nitrates	V			~	*	V		~		
Estimate P balance (Does milk P export- approximate, feed P import)	NO ad and Ni Oter	ded P Contre Offer	fud con	o mot sidere	yord the	t			P	
Monitor feed efficiency (lbs milk / lbs DMI)	/				WA		Nf		N, NH ₃ , P	

Feed Management Considerations				Will it		Will it conside the fut	red in	Environmental benefit	
	Yes	No	Yes	No	Yes	No	Yes	No	
Forage Management Practices									
Maximize the amount of home grown forages in ration			V		NA				
Maximize quality of home grown forages (CP, NDF, NDF digestibility, lignin, starch) by adopting the following practices:			Sife		及数			. :	
a) Harvest crop when nutrients such as protein (grass/legume) or starch (corn) are high and fiber is low		Make description of the definition of		,	NA			Search Search	
b) Pack silage tightly, cover quickly, and use a proven silage additive			V		NA			-	
c) Store different quality forages separately to match nutrient level of forages to nutrient requirement of animal	hay	4			N				

d) Mechanically process corn silage	V	NA	·		
e) Analyze all silages for fermentation profile, fiber digestibility, and particle size		NA			

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