

# Making Feeding Sheets Using the UPenn Ration Analyzer

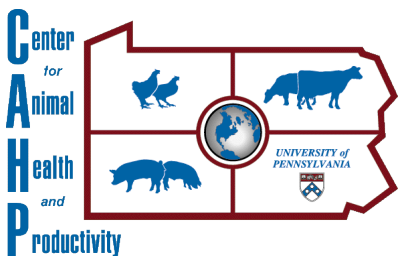
James D. Ferguson, Neal Thomsen, David Galligan,

Zhiguo Wu, Linda Baker, Joseph Bender

New Bolton Center

University of Pennsylvania

School of Veterinary Medicine



**UPenn Dairy Ration Analyzer**  
**University of Pennsylvania**



# Overview

- You are satisfied with your ration
- You have made your mixes
- You want to create a feedsheets for the farm

Feed	Input	Units	lbsAF (2)	lbsDM (4)	kgAF (1)	kgDM (3)	DM basis	Feed DM	CPM Method NonLinear
0CmSilPr35Dm41NdfCrse	25.7960	lbs/DM	73.70	25.80	33.4253	11.6989	53.7%	35.0%	
0RyeGsSil15Cp58Ndf8LNdf	3.4220	lbs/DM	9.78	3.42	4.4341	1.5519	7.1%	35.0%	DMAF
0AlfHy20Cp37Ndf17LNdf	0.1520	lbs/DM	0.17						
0CornGrainGrndFine	5.8090	lbs/DM	6.60						
0BloodMeal	0.0000	lbs/DM	0.00						
0LimestoneGrnd	0.0000	lbs/DM	0.00						
0MagOx	0.0000	lbs/DM	0.00						
0MFP	0.0000	lbs/DM	0.00						
0MinVit	0.0000	lbs/DM	0.00						
1 0MolassesCane	0.0000	lbs/DM	0.00						
2 0SodiumBicarbonate	0.0000	lbs/DM	0.00						
3 0SoybeanHullsPellet	0.0000	lbs/DM	0.00						
4 0SoybeanML47.5Solv	0.0000	lbs/DM	0.00						
5 0TraceMineralPremix	0.0000	lbs/DM	0.00						
5 0VitaminPremixADE	0.0000	lbs/DM	0.00						
7 SaltNaCl	0.0000	lbs/DM	0.00						
8 Protein Mineral Mix	12.8280	lbs/DM	14.10						
9 Protein Mineral Mix	0.0000	lbs/DM	0.00						
0	0.0000	lbs/DM	0.00						
1	0.0000	lbs/DM	0.00						
2	0.0000	lbs/DM	0.00						
3	0.0000	lbs/DM	0.00						
4	0.0000	lbs/DM	0.00						
5	0.0000	lbs/DM	0.00						
5	0.0000	lbs/DM	0.00						
7	0.0000	lbs/DM	0.00						
8	0.0000	lbs/DM	0.00						
9	0.0000	lbs/DM	0.00	0.00	0.0000	0.0000	0.0%	0.0%	Possible production ou

Reports

Evaluation	CHO Ferm	Feed sheet 1	Mix 1
Amino acids	Kp/Kd	Feed sheet 2	Mix 2
MinVit	RUP Dig	Batch mix	Mix 3
ME/MP	Bact eval	Group evaluation	Mix 4
P&E Util	P&N balance	Feed efficiency	Mix 5
Protein pools	Fats	Transition cow	Mix 6
Summary	Bact N		
CHO Pools	I/O		

Print reports    Close



Group: High Group 1					Std. liquid passage rate			CPM Method NonLinear				
Number of cows:		100	Hide rows:	0	Using peptide submodel			ProtB3 Rate				
Daily intake (%):		100	Format:	0	NFC value used			Reported B3 Rate				
Increment:		5				No enzyme						
Farm: Back 40 Acres					Eddy Eccles : CAHP			Date: 02/29/2008				
Number of cows in group												
Feed	lbs AF	90	Cum.	Cumul.	100	Cumul.	105	Cumul.	110	Cumul.		
3 0CrnSilPr35Dm41NdfCrse	73.703	6633.300	6633.300	7001.800	7370.300	7370.300	7738.800	7738.800	8107.300	8107.300		
3 0RyeGsSil15Cp58Ndf8LN	9.777	879.900	7513.200	7930.600	977.700	8348.000	1026.600	8765.400	1075.500	9182.800		
3 0AlfHy20Cp37Ndf17LNdf	0.169	15.200	7528.400	7946.600	16.900	8364.900	17.700	8783.100	18.600	9201.400		
3 0CornGrainGrndFine	6.601	594.100	8122.500	8573.700	660.100	9025.000	693.100	9476.200	726.100	9927.500		
0 0BloodMeal	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0LimestoneGrnd	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0MagOx	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0MFP	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0MinVit	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0MolassesCane	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0SodiumBicarbonate	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0SoybeanHullsPellet	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0SoybeanML47.5Solv	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0TraceMineralPremix	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 0VitaminPremixADE	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
0 SaltNaCl	0.000	0.000	8122.500	8573.700	0.000	9025.000	0.000	9476.200	0.000	9927.500		
3 Protein Mineral Mix	14.101	1269.100	9391.600	9913.300	1410.100	10435.100	1480.600	10956.800	1551.100	11478.600		
0 Protein Mineral Mix	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		
0	0.000	0.000	9391.600	9913.300	0.000	10435.100	0.000	10956.800	0.000	11478.600		

With hide rows set to "0"  
Then all the rows associated with  
A feed in the ration are included  
But the feed is "greyed" out as  
It has no amount