Diet Summary

Animal:

Diet:	Milking TMR
Class:	Lactating
Subclass:	Milking
Breed:	Holstein
Body Weight:	1,325

Production:

Milk Weight lbs:	90.00	Target Milk lbs:	90.00
Butterfat %:	3.80	True Protein %:	3.10
Lactation 1 %:	0.00	Lactation 2 %:	0.00
Forage %:	59.24	Diet DM %:	53.05
Milk/Unit Feed:	1.78	Amino Acid:	Balanced
Avg Daily Gain lbs:	0.00		

Economics:

Milk Price:	$14.00
Cost/100 lbs of Milk:	$2.46
IOFC/100 lbs of Milk:	$11.54
IOFC/Animal/Day:	$10.39
Cost/Animal/Day:	$2.21

Analyzed

Ingredient	As Fed, lb	DM, lb
Grass Hay 07187	1.80	1.65
Corn Sil 57% 030210	34.81	15.10
Haylg 43% 030210	23.10	13.17
Total Forage	**59.71**	**29.92**
Water	10.00	0.00
	2.78	2.61
HMC 27% 11039	15.00	11.02
	7.71	6.95
Total Concentrate	**35.49**	**20.58**
Total Ration:	**95.20**	**50.50**

Nutrient	DM Amount		DM Conc.	
Adjusted Protein	8.274	lbs	16.384	%
Sol Prot, % of CP	41.395	ratio	41.395	ratio
TOT RUM DEGRAD PROT	5.302	lbs	10.499	%
RDP, % of CP	63.379	ratio	63.379	ratio
NON PROT. NITROGEN	0.488	lbs	0.966	%
RUP, % of CP	36.763	ratio	36.763	ratio
ACID DETERGENT FIBER	8.471	lbs	16.774	%
NEUTRAL DETERG FIBER	15.345	lbs	30.386	%
DIGESTIBLE NDF	7.382	lbs	14.618	%
ROUGHAGE NDF	12.431	lbs	24.616	%
FAT	1.894	lbs	3.750	%
UNSATURATED FAT	1.521	lbs	3.013	%
NON FIBER CARBOHYDRT	21.253	lbs	42.086	%
RUMINAN RESIDUAL NFC	3.941	lbs	7.805	%
RUMEN SOLUBLE SUGARS	1.362	lbs	2.698	%
ADJUSTD TOTAL STARCH	14.835	lbs	29.377	%
GELATINIZED STARCH	2.028	lbs	4.016	%
NE LACT 3X	37.651	mcal	74.557	mcal/cwt
RH INDEX	-0.142	unit	-0.142	unit
CALCIUM	0.404	lbs	0.800	%
PHOSPHORUS	0.182	lbs	0.360	%
POTASSIUM	0.729	lbs	1.444	%
MAGNESIUM	0.152	lbs	0.300	%
SULFUR	0.116	lbs	0.230	%
ADDED SALT	0.238	lbs	0.471	%
DIETARY CATION/ANION	5,030.720	meq	21.962	meq/100g
VITAMIN A	200.220	KIU	8.741	IU/g
VITAMIN D	38.122	KIU	1.664	IU/g
VITAMIN E	1,001.100	IU	43.703	IU/kg
SELENIUM	7.925	mg	0.346	mg/kg
DAIRY DIG LYS	180.350	g	7.873	g/kg
DAIRY DIG HIS	64.989	g	2.837	g/kg
DAIRY DIG MET	63.942	g	2.791	g/kg
MONENSIN	0.000	g	0.000	g/ton
DRY MATTER	50.500	%	53.046	%

Diet Summary

Animal:		Production:		Economics:	
Diet:	Prefresh			IOFC/100 lbs of Milk:	
Class:	Dry				
Subclass:	Close-up				
Breed:	Holstein				
Body Weight:	1,500	Avg Daily Gain lbs:	3.00	Cost/Animal/Day:	$0.64

Analyzed

Ingredient	As Fed, lb	DM, lb
Grass Hay 07187	7.00	6.41
Corn Sil 57% 030210	25.00	10.84
Total Forage	**32.00**	**17.25**
DF TRANSITION COMPLETE w/RUME	7.00	6.34
Total Concentrate	**7.00**	**6.34**
Total Ration:	**39.00**	**23.59**

Nutrient	DM Amount		DM Conc.	
Adjusted Protein	3.011	lbs	12.765	%
Sol Prot, % of CP	31.583	ratio	31.583	ratio
TOT RUM DEGRAD PROT	1.886	lbs	7.994	%
RDP, % of CP	61.557	ratio	61.557	ratio
NON PROT. NITROGEN	0.164	lbs	0.695	%
RUP, % of CP	38.414	ratio	38.414	ratio
ACID DETERGENT FIBER	5.513	lbs	23.367	%
NEUTRAL DETERG FIBER	10.067	lbs	42.672	%
DIGESTIBLE NDF	4.849	lbs	20.554	%
ROUGHAGE NDF	8.089	lbs	34.288	%
FAT	0.718	lbs	3.043	%
UNSATURATED FAT	0.461	lbs	1.952	%
NON FIBER CARBOHYDRT	8.640	lbs	36.621	%
RUMINAN RESIDUAL NFC	2.369	lbs	10.040	%
RUMEN SOLUBLE SUGARS	1.228	lbs	5.205	%
ADJUSTD TOTAL STARCH	4.626	lbs	19.609	%
GELATINIZED STARCH	1.180	lbs	5.000	%
NE LACT 3X	16.480	mcal	69.855	mcal/cwt
RH INDEX	-0.020	unit	-0.020	unit
CALCIUM	0.096	lbs	0.408	%
PHOSPHORUS	0.080	lbs	0.339	%
POTASSIUM	0.299	lbs	1.268	%
MAGNESIUM	0.064	lbs	0.270	%
SULFUR	0.038	lbs	0.162	%
ADDED SALT	0.014	lbs	0.059	%
DIETARY CATION/ANION	2,013.117	meq	18.812	meq/100g
VITAMIN A	171.927	KIU	16.066	IU/g
VITAMIN D	32.228	KIU	3.012	IU/g
VITAMIN E	1,138.396	IU	106.379	IU/kg
SELENIUM	3.154	mg	0.295	mg/kg
DAIRY DIG LYS	79.639	g	7.442	g/kg
DAIRY DIG HIS	27.424	g	2.563	g/kg
DAIRY DIG MET	28.103	g	2.626	g/kg
MONENSIN	0.210	g	17.802	g/ton
DRY MATTER	23.592	%	60.493	%