Farm Inputs	Date	
	Farm Name	
	Cow Group	
Average Boo	ly Weight of Cows	
Pounds mi	lk per cow per day	
	Milk-%Fat	
N	∕Iilk-%True Protein	
Net N	Milk Price per CWT	
MUN-N	Milk Urea Nitrogen	
Fre	shenings per year	
Cows dead/culled within 6	60 days fresh/year	
1st ca	lf heifers - number	
Months -	age of first calving	
2nd lactation	animals - number	



Precision Feed Management Benchmark Calculator

Forage Inputs Feed						
Pounds as fed per cow per day						
Cost per ton as fed						
Purchased?						
DM %						
CP % (DM Basis)						
NDF % (DM Basis)						
P % (DM Basis)						
	-				=	
_	ſ	Min Est.	Actual	Max Est.	1	_
ſ	DM Intake	Min Est.	Actual	Max Est.	lbs per day	
[DM Intake	Min Est.	Actual	Max Est.	lbs per day]
Concentrate Inputs Feed	DM Intake	Min Est.	Actual	Max Est.	lbs per day	
·	DM Intake	Min Est.	Actual	Max Est.	lbs per day	
Pounds as fed per cow per day	DM Intake	Min Est.	Actual	Max Est.	lbs per day	
·	DM Intake	Min Est.	Actual	Max Est.	lbs per day	
Pounds as fed per cow per day Cost per ton as fed	DM Intake	Min Est.	Actual	Max Est.	lbs per day	
Pounds as fed per cow per day Cost per ton as fed Purchased?	DM Intake	Min Est.	Actual	Max Est.	lbs per day	

Benchmarks	Goal	Your Value
Forage NDF intake as % of body weight	≥ 0.9%	
Forage as a percent of diet	≥ 60%	
Home grown feeds as a percent of diet	≥ 60%	
Ration P as percent of requirement	< 110%	
Diet crude protein	< 16.5%	
Milk Urea Nitrogen (MUN)	8-12 mg/dl	
Cows dead or culled less than 60 DIM/year	< 8%	

Efficiencies

% CP in Ration	
% N use efficiency	
Manure N excreted g/day	
Purchased Feed N - Milk N, g/cow/day	
% P in Ration	
% P use efficiency	
Manure P excreted g/day	
Purchased Feed P - Milk P, g/cow/day	

Profitability: \$ per cow per day

riontability: 4 per con per day		
Milk income		
Feed cost		
Milk income-feed cost		
Forage cost		
Concentrate feed cost		
Purchased feed cost		
Milk income-concentrate feed cost		
Milk income-purchased feed cost		