

CASE NAME: March Cow Her 2001
 HERD: Cow herd
 PROFILE: Mature Cows
 DATE: 03/06/2001
 BREED: HEREFORD X ANGUS
 DAYS PREG: 30
 DAYS LACT: 120

Interpretation of Mediation Report

Supplemental Feeding Efficiency AS FED BASIS

Diet Ingredients	---- Lb / Day Per Animal ALLOCATED	--- CONSUMED	--- WASTED
CORN, GRAIN, GRADE2	2.308	2.216	0.092
TOTALS	2.308	2.216	0.092

Corn was most cost effective in this case due to low price and marginal protein deficiency

Ingredients in Diet AS FED BASIS

Diet Ingredients	---- Day/Animal	Lbs Consumed Day/Herd	--- Period/Herd
CORN, GRAIN, GRADE2	2.216	285.815	285.815
TOTALS	2.216	285.815	0.000

Daily allocation rates to the herd and forage consumption after supplementation

Grazed Forage Consumption (DM, Lbs/Head): 28.204 (AUE = 1.085)

Cost of Supplements AS FED BASIS

Diet Ingredients	\$/Animal/Day	\$/Herd/Day	\$/Period
CORN, GRAIN, GRADE2	0.08	9.68	9.68
TOTALS	0.08	9.68	9.68

Cost per day per head and herd

\$ Animal/Period = 0.08
 Days in period = 1
 Number of animals = 129

Sensitivity Analysis AS FED BASIS

Feed Ingredients	Current Cost per ton	Required Cost/ton to be selected
20% RANGE CUBES, ALL PLANT CP	160.00	146.29

Price sensitivity shows that the Cubes could be purchased at \$146.29 /ton to be competitive

Diet Nutrients Per Day Per Animal 100% DRY MATTER BASIS

	Intake	Requirements
CP (Lbs):	2.171	2.171
NEM (Mcal):	15.635	15.635
NEq (Mcal):	1.702	0.000

Efficiency of nutrient use is assessed and in this case we see good match on protein but excretion of excess energy for gain.