

Why spend \$\$ on Protein?

Protein is essential for improving forage intake and digestibility

Recent Research Findings:

Grazing winter pasture in the Sandhills compared

1. Supplementing cows with protein during late gestation vs.
2. Cows left unsupplemented.

RESULTS:

Supplemented cows:

1. Maintained higher body condition
2. **Weaned heavier calves – with enough additional weight to more than pay for the cost of supplementing the cows**

ADDITIONALLY:

Steers were followed through the feedlot and heifers through their first calving season:

1. Steers from supplemented cows maintained their weight advantage through the feedlot phase and were **more likely to grade USDA Choice** at harvest.
2. Heifers from supplemented cows were **more likely to become pregnant as yearlings, AND nearly 30% more calved during the first 21 days** of the calving season as 2-yr-olds.

While the economics of protein supplementation will vary from ranch to ranch, cubes are still reasonably priced compared to other methods of delivering protein, and the effects of protein deficiency are far-reaching.

Family owned and operated, Sinamco Mills located in Morrill, Nebraska was built on Integrity and reliability.

Services Provided by Sinamco:

- ◇ Pellets, minerals and texturized feeds
- ◇ Custom ration formulation through Great Plains Livestock Consulting
- ◇ Custom formulation
- ◇ Reasonably priced grain commodities
- ◇ Transloading services from truck to railcar for local farmers

Available At:



P.O. Box 268
Torrington, WY 82240
Colin Yorges 307-575-3921
Colby Anders 308-631-8258
Sara Cover 308-458-7116



Protein Cubes



Protein Cubes

Example Cubes show how we can fortify with vitamins & minerals:

With Sinamco Cubes the possibilities are endless:

- Custom formulations to meet the needs of YOUR herd.
- Multiple Crude Protein Levels
- High Energy Options
- High Magnesium Options
- The Option to Fortify with Vitamins A, D & E
- Added Trace Mineral Options
- Available with Additives:
 - Ionophores
 - Aureo (with VFD)
 - MGA
 - Safeguard
 - Diamond V
 - Zinpro chelated minerals

Example of a high energy cube with vitamins:

14% High Energy Cube

A protein supplement for cattle on pasture.

-GUARANTEED ANALYSIS-				
Crude Protein			(Min)	14.0 %
Crude Fat			(Min)	2.0 %
Crude Fiber			(Max)	6.0 %
Calcium	(Min)	1.5 %	(Max)	2.5 %
Phosphorus			(Min)	0.2 %
Vitamin A			(Min)	16,000.0 IU/lb
Vitamin D			(Min)	1,600.0 IU/lb
Vitamin E			(Min)	16.0 IU/lb

Feed at a rate of 1-5 lbs./head/day depending on season and nutritional status

Example of a high protein cube with added Magnesium:

30% Cube Mag

A protein supplement for cattle on pasture.

-GUARANTEED ANALYSIS-				
Crude Protein			(Min)	30.0 %
Crude Fat			(Min)	1.5 %
Crude Fiber			(Max)	12.5 %
Calcium	(Min)	0.5 %	(Max)	1.5 %
Phosphorus			(Min)	0.5 %
Potassium			(Min)	1.0 %
Magnesium			(Min)	2.0 %
Vitamin A			(Min)	10,000.0 IU/lb
Vitamin D			(Min)	1,000.0 IU/lb
Vitamin E			(Min)	10.0 IU/lb

Feed at a rate of 1-5 lbs./head/day depending on season and nutritional status

20% Cube

A protein supplement for cattle on pasture.

-GUARANTEED ANALYSIS-				
Crude Protein			(Min)	20.0 %
Crude Fat			(Min)	2.0 %
Crude Fiber			(Max)	10.0 %
Calcium	(Min)	0.5 %	(Max)	1.5 %
Phosphorus			(Min)	0.8 %
Vitamin A			(Min)	10,000.0 IU/lb
Vitamin D			(Min)	1,000.0 IU/lb
Vitamin E			(Min)	10.0 IU/lb

Feed at a rate of 1-5 lbs./head/day depending on season and nutritional status

20% Cube Fortified

A protein supplement for cattle on pasture.

-GUARANTEED ANALYSIS-				
Crude Protein			(Min)	20.0 %
Crude Fat			(Min)	2.0 %
Crude Fiber			(Max)	10.0 %
Calcium	(Min)	0.5 %	(Max)	1.5 %
Phosphorus			(Min)	0.4 %
Salt	(Min)	0.0	(Max)	0.5 %
Zinc			(Min)	550.0 ppm
Copper			(Min)	200.0 ppm
Selenium			(Min)	1.2 ppm
Vitamin A			(Min)	25,000.0 IU/lb
Vitamin D			(Min)	25,000.0 IU/lb
Vitamin E			(Min)	25.0 IU/lb

Feed at a rate of 2-5 lbs./head/day depending on season and nutritional status