



Payback Range Cake

Fiber Friendly, Protein and Energy Supplements

Features & Benefits

- Quality protein ingredients provide a degradable source of protein and essential nutrients to the rumen microbes.
- Formulated from ingredients that are high energy and contain high digestible fiber to enhance the ruminal fermentation and improve forage utilization in contrast to high starch containing supplements
- Fortified with vitamins and trace minerals for good health and reproductive performance

Payback Range Cubes								
	Forager 32	Ranger 20	Ranger 20-6	Ranger 16	Ranger 14	Breeder 20	Breeder 14	Ranger 14 High Mag
----Approximate Feeding Rate/Day----								
Gestation	1-3	1-2lbs	1-2lbs	1-3lbs	1-2lbs	1-2lbs	1-2lbs	12lbs
Lactation	1-3	2-4lbs	2-4lbs	2-4lbs	2-4lbs	2-4lbs	2-4lbs	2-4lbs
----Analysis----								
Crude Protein	32%	20%	20%	16%	14%	20%	14%	14%
NPN	None	None	6%	None	None	None	None	None
Crude Fat	1.2%	1.75%	2.7%	3.3%	1.7%	2%	3.2%	3.3%
Crude Fiber	9%	12%	10%	10%	12%	10%	8%	8%
Calcium	1.6%	1.3%	1.25%	1.5%	1.3%	1.5	1.5%	1.25%
Phosphorus	0.8%	0.55%	0.5%	0.55%	1.3%	1.5%	1.5%	1.25%
Salt	1.6%	2%	1.5%	1.75%	2%	1.5%	1.75%	2%
Potassium	0.9%	0.8%	0.8%	0.8%	0.8%	1%	1%	0.9%
Magnesium	None added	None added	None added	None added	None added	None added	None added	2%
Selenium	2.0ppm	1.5ppm	1.5 ppm	1.5ppm	1.0ppm	1.5ppm	1.0ppm	1.0ppm
Vitamin A IU/lb	30,000	20,000	20,000	20,000	16,000	30,000	30,000	16,000
Vitamin D IU/lb	3,000	2,000	2,000	2,000	1,600	3,000	3,000	1,600
Vitamin E IU/lb	30	20	20	20	15	30	30	15

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Management Tips & Guidelines



CHS Nutrition Services

- On farm consulting by ARPAS Certified PhD Nutritionists and Nutrition Consultants
- Forage & Water Testing
- Computer Ration Balancing
- Profit Projection
- Performance Tracking
- Financing Programs
- Risk Management

1300 lb. Cow Nutrient Requirements		
Stage of Production	Total Digestible Nutrients (TDN)	Crude Protein
	Minimum	Minimum
Mid Gestation	15lbs/day	2.5lbs/day
Late Gestation	17lbs/day	3.0lbs/day
Lactation	19lbs/day	3.5lbs/day

Lbs. Protein from Forage/Pasture.....Are you short?									
Forage Feeding Rate	% Protein Content of Forage								
	4%	5%	6%	7%	8%	9%	10%	12%	14%
10lbs/day	0.4 lbs	0.5 lbs	0.6 lbs	0.7 lbs	0.8 lbs	0.9 lbs	1 lb	1.2 lbs	1.4 lbs
15lbs/day	0.6 lbs	0.75 lbs	0.9 lbs	1.05 lbs	1.2 lbs	1.35 lbs	1.5 lbs	1.8 lbs	2.1 lbs
20lbs/day	0.8 lbs	1 lb	1.2 lbs	1.4 lbs	1.6 lbs	1.8 lbs	2 lbs	2.4 lbs	2.8 lbs
25lbs/day	1 lb	1.25 lbs	1.5 lbs	1.75 lbs	2 lbs	2.25 lbs	2.5 lbs	3 lbs	3.5 lbs

Effect of Protein Concentration in a Supplement on Cow Performance				
Item	% CP in Supplement			
	10%	20%	30%	40%
Pregnancy Rate, %	90.3	96.7	93.8	100.0
Calf Birth Weight, lbs.	74	79	81	79
Calf Weaning Weight, lbs.	491	505	521	523
Calf, ADG, lbs.	1.98	2.05	2.07	2.11

(Adapted from Beaty et al., 1994; KSU)

Manufactured By:

CHS Nutrition

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www.paybacknutrition.com

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