Arm & Hammer Animal and Food Production
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AHfoodchain.com

BIO-CHLOR™

INFORMATION

BIO-CHLOR™

BIO-CHLOR™ is a patented feed supplement for prepartum transition cows providing a source of degradable protein and dietary anions. BIO-CHLOR is the only consistently formulated, palatable anion source that drives bacterial growth to support rumen function and optimize metabolizable protein (MP).

BIO-CHLOR		Typical Analyses	
	Units	As Fed Basis	100% Dry Matter Basis
Moisture	%		13.00
DM	%		87.00
CP	%DM	42.31*	48.63
Net energy lactation	Mcal/lb	0.70	0.80
ADF	%DM	4.24	4.87
NDR	%DM	15.02	17.27
Lignin	%DM	1.61	1.85
Lignin/NDF ratio	%NDF	9.34	10.73
Sugar	%DM	7.48	8.60
Starch	%DM	11.77	13.53
Mg	%DM	1.80	2.07
K	%DM	1.06	1.22
S %	%DM	3.13	3.60
Na	%DM	1.30	1.49
Cl ion	%DM	7.90	9.08
DCAD (Na + K)-(Cl + S)	meq/100g DM	-337.87	-388.36

*Includes not more than 31.3% equivalent crude protein from nonprotein nitrogen as soluble peptides, amino acids and nucleotides.

Ingredients
Dried condensed, extracted glutamic acid fermentation product; dried condensed corn fermentation solubles; processed grain by-products; magnesium chloride.

DCAD
BIO-CHLOR provides a source of dietary anions with a DCAD of -337.87 (as fed) meq/100 grams. Research indicates that the optimum DCAD for transition rations is -8 to -12meq/100g ration dry matter.

Bulk Density
29 – 32 lbs./cu. ft.

Packaging
BIO-CHLOR is available in 50-pound bags and one ton totes.

Storage
BIO-CHLOR should be stored in a cool, dry area. Avoid exposing product to moisture before use. For best results, use product within 24 months from manufacturing date.

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Feeding Recommendations

BIO-CHLOR™ should be fed as a primary protein source in prepartum cow diets. Though feeding rates will vary based on the dietary cation content of the diet, amounts of 1.1 to 3.3 lbs. per cow per day should provide sufficient anionic activity for DCAD balancing in most prepartum cow rations. For specific feeding recommendations, always consult with a nutrition advisor.

Nutrient Profiles

To access the product's nutrient profile, please visit our website, www.AHfoodchain.com.

Additional Information

To place orders, call Customer Service at 800-631-5591. For technical information, call 800-526-3563.

Visit www.AHfoodchain.com for more information about BIO-CHLOR.

1 Lean IJ, Webster TK, Hoover W, Chalupa W, Sniffen CJ, Evans E, Block E, Rabiee AR. Effects of BIO-CHLOR and FERMENTEN on Microbial Protein Synthesis in Continuous Culture Fermenters. *J Dairy Sci* 2005;88:2524-2536. Patents 5,709,894/5,783,238/5,863,574 (Patents Pending) Australian Patents 714016/718808.