

# GlucoGen

## BULK CRUMBLES

### GUARANTEED ANALYSIS

CRUDE PROTEIN, not less than .....	37%
(Not more than 36.1% CPE derived from NPN in the form of AMMONIUM LACTATE)	
LACTATE EQUIVALENT, not less than .....	66%
CALCIUM (minimum) .....	6.8%
CALCIUM (maximum) .....	7.5%
FAT .....	0.03%
FIBER .....	1%

#### INGREDIENTS:

Fermented Ammoniated Condensed Whey (FACW), beet pulp  
Refer: (AAFOC 66.5), (FDA CFR 21.573)

#### DIRECTIONS FOR USE:

**GlucoGen** increases ration energy (NSC) density allowing ration formulation at a higher energy, lower grain (starch), or higher forage levels. Ideal for transition cows because lactate produces glucose needed to properly metabolize mobilized body fat reserves. Mix **GlucoGen** with feeds such that the total protein from NPN does not exceed 30% of the total dietary protein. Assure adequate time for rumen microbes to adjust to this concentrated energy and protein source.

**WARNING: FEED TO RUMINANT ANIMALS ONLY**

PACKERLAND WHEY PRODUCTS, INC  
407 FOURTH STREET, LUXEMBURG, WI 54217  
800-551-2842 OR 920-845-5564  
E-Mail: dan@packerlandwhey.com

**GlucoGen**

Typical Nutritional Profile for Dairy Formulations

		<b>As Fed Basis</b>	<b>Dry Matter Basis</b>	
<b>SOLID FRACTIONS:</b>				
	<b>DRY MATTER</b>	87.3%	100%	
	Moisture	12.7%	0%	
<b>PROTEIN FRACTIONS:</b>				
	Crude Protein (N x 6.25)	37%	42.3%	
<b>ENERGY CONCENTRATION:</b>				
	<b>LACTATE EQUIVALENT</b>	66.9%	76.6%	(a)
	<b>NEL (Mcal/Kg)</b>	2.929	3.355	
	<b>NEL (Mcal/Lb)</b>	1.331	1.524	
	<b>NSC or NFC</b>	64.9	74.3	(b)
<b>MINERAL FACTIONS: (Proximate)</b>				
	Calcium	Ca	7.50%	8.50%
	Phosphorus	P	0.039%	0.045%
	Potassium	K	0.192%	0.022%
	Sulfur	S	0.02%	0.031%
	Magnesium	Mg	0.014%	0.016%
	Sodium	Na	0.085%	0.097%
	Iron	Fe	22.0 ppm	25.0 ppm
	Copper	Cu	1.3 ppm	1.5 ppm
	Zinc	Zn	.93 ppm	1.06 ppm
<b>MISCELLANEOUS:</b>				
	<b>pH</b>		<b>6.5</b>	
	Buffer Potential		HIGH	
	Electrolyte Potential		HIGH	
	<b>PALATIBILITY</b>		<b>EXCELLENT</b>	

(a) Uncommon commercial **energy** source - **REQUIRES ADAPTATION.**

(b) As per Hall correction, Feedstuffs 9/8/97