



PRODUCT DESCRIPTION

XP™ DFM delivers the recommended level of Diamond V Original XP™ Yeast Culture, as well as eight species of live bacteria and one fungi, plus active enzymes to aid in feed digestibility. The microbes include *Propionibacterium freudenreichii*, *Lactobacillus acidophilus*, *Lactobacillus casei*, *Enterococcus faecium*, *Lactobacillus lactis*, *Pediococcus cerevisiae*, *Bacillus subtilis*, *Bacillus licheniformis*, and *Aspergillus oryzae*. The active enzymes are derived from the microorganisms *Aspergillus oryzae*, *Aspergillus niger* and *Trichoderma viride*.

INGREDIENT COMPOSITION

Diamond V XP™ Yeast Culture (*Saccharomyces cerevisiae*), sodium bicarbonate, dried *Aspergillus oryzae* fermentation product, dried *Aspergillus oryzae* fermentation extract, dried *Propionibacterium freudenreichii* fermentation product, dried *Lactobacillus acidophilus* fermentation product, dried *Lactobacillus casei* fermentation product, dried *Enterococcus faecium* fermentation product, dried *Lactobacillus lactis* fermentation product, dried *Pediococcus cerevisiae* fermentation product, dried *Aspergillus niger* fermentation extract, dried *Trichoderma viride* fermentation extract, dried *Bacillus subtilis* fermentation product, dried *Bacillus licheniformis* fermentation product and sodium aluminosilicate.

GUARANTEED ANALYSIS

- Crude Protein, not less than 12.0%
- Crude Fat, not less than 3.0%
- Crude Fiber, not more than 6.5%
- Total Microbial Activity (Min) 1.6 Billion (1.6x10⁹) CFU/oz
(*Propionibacterium freudenreichii*, *Lactobacillus acidophilus*, *Lactobacillus casei*, *Enterococcus faecium*, *Lactobacillus lactis*, *Pediococcus cerevisiae*, *Bacillus subtilis*, *Bacillus licheniformis*, *Aspergillus oryzae*)
- Protase (*Aspergillus oryzae*)9,687 ug amino acid hydrolyzed/min/oz
- alpha-Amylase(*Aspergillus oryzae*)278 ug starch hydrolyzed/min/oz
- Cellulase (*Trichoderma viride*, *Aspergillus niger*) ...250 ug cellulose breakdown/min/oz
- Lipase (*Aspergillus oryzae*)11 ug triglycerides hydrolyzed/min/oz
- Pectinase (*Aspergillus niger*)7 ug pectin breakdown/min/oz
- Typical Analysis (as-fed)See next page for complete nutrient profile

FEEDING DIRECTIONS

XP DFM is a concentrated, low inclusion form of Diamond V Yeast Culture. It is a nutritional feed ingredient which is designed to be mixed or top-dressed with nutritionally balanced feeds for all classes of livestock, equine and pets. *General feeding recommendations are outlined on last page.*

PHYSICAL CHARACTERISTICS & HANDLING

XP DFM is a flowable, granular material that mixes well with typical feed ingredients. Store in a cool, dry area. Avoid prolonged exposure to high temperatures.

- Bulk Density: 31-36 lb/ft³ (497-577 kg/m³)

ORDERING & TECHNICAL INFORMATION

- Product Number: 053 (50 lb)
- Packaging: 50 lb Bags
- Customer Service: 866-680-7805
- Technical Information: call 800-373-7234 or email: diamondv@diamondv.com

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Diamond V





Typical Analysis- As Fed Basis

Proximate Analysis:				Minerals:			
Crude Protein	12.0	%		Calcium (Ca)	0.19	%	
Crude Fat	3.0	%		Chloride (Cl)	0.27	%	
Crude Fiber	6.5	%		Magnesium (Mg)	0.34	%	
Ash	6.5	%		Phosphorus (P)	0.78	%	
Moisture	11.0	%		Potassium (K)	1.42	%	
Amino Acids:				Energy:			
Arginine	0.80	%		TDN	78	%	
Cystine	0.42	%		NEm	0.85	Mcal	1.87 Mcal
Glycine	0.71	%		NEg	0.57	Mcal	1.26 Mcal
Histidine	0.43	%		NEI	0.81	Mcal	1.79 Mcal
Isoleucine	0.43	%		DE	1.56	Mcal	3.44 Mcal
Leucine	1.11	%		ME	1380	Mcal	3043 Mcal
Lysine (total)	0.59	%		Vitamins:			
Methionine	0.26	%		per lb			
Phenylalanine	0.65	%		per kg			
Proline	1.12	%		Biotin	0.15	mg	0.33 mg
Threonine	0.56	%		Choline	758.00	mg	1667.60 mg
Tyrosine	0.47	%		Folic Acid	0.54	mg	1.19 mg
Tryptophan	0.22	%		Niacin	49.22	mg	108.28 mg
Valine	0.64	%		Pantothenic Acid	10.26	mg	22.57 mg
Carbohydrates:				Pyridoxine	5.05	mg	11.11 mg
Starch	26.20	%		Riboflavin	4.23	mg	9.31 mg
Fructose	1.60	%		Thiamin	3.22	mg	7.08 mg
Glucose	2.10	%		Vitamin A	32.00	IU	70.40 IU
Lactose	Nd	%		Beta Carotene	381.00	IU	838.20 IU
Maltose	1.90	%		Vitamin B12	0.157	mg	0.345 mg
Sucrose	Nd	%		Vitamin E	11.50	IU	25.30 IU
ADF	6.44	%		Packaging:			
NDF	19.98	%		bags - 50 lb			
Other:							
Mono-unsaturated Fats	1.36	%					
Poly-unsaturated Fats	2.94	%					
Saturated Fats	0.93	%					
Trans FA	0.04	%					
Xanthophyll	2.00	mg/lb	4.40 mg/kg				
Linoleic acid	2.83	%					
Bulk Density:							
	31-36	lbs/ft ³					
	497-577	kg/m ³					



GENERAL FEEDING RECOMMENDATIONS

XP DFM is a nutritional feed ingredient which should be mixed or top-dressed with nutritionally balanced feeds for all ruminants, llamas, and alpacas. General feeding recommendations are as follows:

Recommended Feeding Rates Per Day			
DAIRY		SHEEP & GOATS	
Non-Lactating Cows	2 oz (56 g)/hd	Lambs/Kids	0.25 oz (7 g)/hd
Lactating Cows	2 oz (56 g)/hd	Mature Animals	0.5 oz (14 g)/hd
		Show Feeds	0.5 oz (14 g)/hd
BEEF		DEER (ELK = 2x DEER)	
Creep Fed Calves*	25 lb/ton (12.5 kg/MT)	Starter	0.5 oz (14 g)/hd
Starting/Receiving Cattle	2 oz (56 g)/hd	Adult	0.5 oz (14 g)/hd
Stocker Cattle	1 oz (28 g)/hd	Antler Growth/Rut	1 oz (28 g)/hd
Grower/Finisher Cattle	1 oz (28 g)/hd		
Breeding Animals	1 oz (28 g)/hd		
Show Feeds	2 oz (56 g)/hd	LLAMAS & ALPACAS	
		All Animals	1 oz (28 g)/hd

**Recommended inclusion rate per ton of complete finished product.*