



Diamond V XP™ Yeast Culture

Official AAFCO Definition:

96.8 Yeast Culture* is the dried product composed of yeast and the media on which it was grown, dried in such a manner as to preserve the fermenting activity of the yeast.

The media must be stated on the label.

(Adopted 1957.)

IFN 7-05-520 Yeast Culture dehydrated

*NOTE: No reference to media in main ingredient listing is required when Yeast Culture forms a component of a proprietary mixed feed.

Guaranteed Analysis:

Crude Protein, not less than	12.00 %
Crude Fat, not less than	3.00 %
Crude Fiber, not more than	6.50 %

List of Ingredients:

Saccharomyces cerevisiae yeast grown on a media of ground yellow corn, hominy feed, corn gluten feed, rye middlings, diastatic malt and corn syrup, and cane molasses.

Typical Analysis - As Fed Basis

Vitamins:	<u>per lb</u>	<u>per kg</u>	Minerals:	<u>per lb</u>	<u>per kg</u>
Thiamin	2.0 mg	4.4 mg	Calcium (Ca)		0.05%
Riboflavin	2.0 mg	4.4 mg	Phosphorus (P)		0.60%
Pantothenic Acid	3.0 mg	6.6 mg	Magnesium (Mg)		0.25%
Choline	500.0 mg	1100.0 mg	Potassium (K)		0.90%
Niacin	25.0 mg	55.0 mg	Sulfur (S)		0.15%
Pyridoxine	3.0 mg	6.6 mg	Sodium (Na)		0.03%
Folic Acid	2.0 mg	4.4 mg	Manganese (Mn)	9.0 mg	19.8 mg
Biotin	0.1 mg	0.2 mg	Iron (Fe)	34.0 mg	74.8 mg
Vitamin B ₁₂	2.0 ug	4.4 ug	Copper (Cu)	2.0 mg	4.4 mg
Vitamin A	3,000.0 IU	6,600.0 IU	Zinc (Zn)	22.0 mg	48.4 mg
Vitamin E	18.0 IU	39.6 IU	Cobalt (Co)	0.05 mg	0.11 mg
			Selenium (Se)	0.02 mg	0.04 mg
Amino Acids:			Energy:		
Lysine		0.55%	Ruminant - TDN		78.0%
Methionine		0.25%	NE _m	0.85 Mcal	1.87 Mcal
Cystine		0.15%	NE _g	0.57 Mcal	1.25 Mcal
Tryptophan		0.15%	NE _l	0.81 Mcal	1.78 Mcal
Threonine		0.45%	Swine - ME	1.48 Mcal	3.25 Mcal
Isoleucine		0.40%	Poultry - ME	1.38 Mcal	3.03 Mcal
Leucine		1.25%	Horse - DE	1.56 Mcal	3.43 Mcal
Phenylalanine		0.50%	Miscellaneous:		
Arginine		0.75%	Ash		3.0%
Histidine		0.40%	Nitrogen Free Extract (NFE)		65.0%
Valine		0.45%	Bulk Density		34-36 lb/cu ft
			Packaging		50 lb bags or bulk

General Feeding Directions - Diamond V "XP" Yeast Culture

	English	Metric
Dairy		
Calf Starter & Creep Feed	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Dry Cow Feed	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Lactation Grain Ration	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Complete Dairy Feed	5 - 15 lb/ton	2.5 - 7.5 kg/tonne
Rule of Thumb:		
Normal Conditions*	1.5 - 2 oz/hd/day	45 - 60 g/hd/day
During high production stress or with low quality roughage	2 - 4 oz/hd/day	60 - 120 g/hd/day
Beef		
Calf Starter & Creep Feed	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Grower Ration	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Finisher Ration	5 - 10 lb/ton	2.5 - 5.0 kg/tonne
Range Cubes	20 lb/ton	10.0 kg/tonne
Self Limiting Pasture Supplement	200 lb/ton	100.0 kg/tonne
Rule of Thumb:		
Normal Conditions	0.5 - 1.5 oz/hd/day	15 - 45 g/hd/day
During Stress Periods	2 - 4 oz/hd/day	60 - 120 g/hd/day
Sheep & Goats		
All Complete Rations	10 - 15 lb/ton	5.0 - 7.5 kg/tonne
Top Dress	0.5 - 1.0 oz/hd/day	15 - 30 g/hd/day
Swine		
Pre-Starter & Starter	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Grower	5 - 10 lb/ton	2.5 - 5.0 kg/tonne
Finisher	5 - 10 lb/ton	2.5 - 5.0 kg/tonne
Gestation (last 30 days)	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Lactation Feed	10 - 15 lb/ton	5.0 - 7.5 kg/tonne
Poultry & Turkey		
Starter	5 - 10 lb/ton	2.5 - 5.0 kg/tonne
Grower-Finisher	2 - 5 lb/ton	1.0 - 2.5 kg/tonne
Layer & Breeder	5 - 10 lb/ton	2.5 - 5.0 kg/tonne
Horses		
Foal Starter	15 - 20 lb/ton	7.5 - 10.0 kg/tonne
Grain Ration & Sweet Feed	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Complete Feed	5 - 10 lb/ton	2.5 - 5.0 kg/tonne
Top Dress	1 - 2 oz/hd/day	30 - 60 g/hd/day
All Complete Diets		
Rabbits, Mink, Fox & Fish	10 - 20 lb/ton	5.0 - 10.0 kg/tonne
Dogs & Cats	10 - 20 lb/ton	5.0 - 10.0 kg/tonne