

PRODUCT DESCRIPTION

ADVANTA HY® is an additive obtained from fermentation of specific strains of *Saccharomyces cerevisiae* yeast using a process that stimulates cell disruption through endogenous and exogenous enzymes. It is an all-natural nutritional health product used in all types of animal diets.

QUALITY CERTIFICATION: OMRI Listed, GMO Free
AAFCO (Association of America Feed Control Officials) Number: 96.12

INGREDIENT COMPOSITION

High Digestibility Yeast, β -Glucan, MOS and Nucleotides

GUARANTEED ANALYSIS

- Crude Protein, min 38.00%
- Lysine, min. 2.50%
- Methionine min 0.46%
- Crude Fat, min. 1.25%
- Crude Fiber, max. 1.40%
- Moisture, max 6.00%
- Ash, max 7.50%
- Phosphorus, min 0.068%
- Typical Analysis (as-fed). *See last page for nutrient profile*

FEEDING DIRECTIONS

ADVANTA HY® is a nutritional feed ingredient designed for the further manufacture of nutritionally balanced feeds for poultry, swine, equine, fish, shrimp, dairy cattle and beef cattle. General feeding recommendations are outlined on the next page.

PHYSICAL CHARACTERISTICS & HANDLING

ADVANTA HY® is a light brown, fine powder that mixes well with typical feed ingredients. The nutritional and handling characteristics are not affected by standard manufacturing processing methods or environmental temperature changes.

- Shelf Life: 24 months from date of manufacture
- Store in a clean, dry place, protected from light and moisture.
- Take precautions not to cross contaminate un-supplemented feeds

ORDERING & TECHNICAL INFORMATION

- Packaging: 55.115 lbs. (25 kg) Paper Bags with Polyethylene Liner.
- Customer Service: 877.736.1607
- Technical Information: call 877.736.1607 or email: enzabac@enzabac.com



RECOMMENDED FEEDING RATES PER DAY

CATTLE

Calves	5.0-10.0 g/head/day
Beef Cattle	10.0-20.0 g/head/day
Dairy Cattle	10.0-20.0 g/head/day

SWINE

Piglets	0.25-3.0 kg/ton
Growing/Finishing	1.00-4.0 kg/ton
Pigs	3.00-5.0 kg/ton
Sows (gestation)	0.25-3.0 kg/ton
Sows (lactation)	0.25-3.0 kg/ton

POULTRY

Turkeys

Initial Phases	0.25-1.0 kg/ton
Other Phases	0.5-2.0 kg/ton

Broilers

Initial Phases	0.25-1.0 kg/ton
Other Phases	0.5-2.0 kg/ton

Layers

Initial Phases	0.25-1.0 kg/ton
Other Phases	0.5-2.0 kg/ton

Breeders

Initial Phases	0.25-1.0 kg/ton
Other Phases	0.5-2.0 kg/ton

EQUINE

Foals	.0625-.125 oz. (1.75-3.5 g) /head/day
Mares/Stallions	.25-.5 oz. (7-14 g)/head/day
Show/Performance Horses	.25-.5 oz. (7-14g)/head/day
Senior Horses	.25-.5 oz. (7-14g)/head/day
Draft Horses	.50- 1oz. (28g)/head/day

Fish

5.0-20.0 kg/ton

Shrimp

5.0-20.0 kg/ton

DOGS

All Life Stages 5.0-20.0 kg/ton

CATS

All Life Stages 5.0-20.0 kg/ton



Typical Analysis

Ingredients				Minerals	
Hydrolyzed Yeast				Calcium	0.17%
Guaranteed Analysis				Phosphorous	0.56%
Crude Protein	Min. 40%			Potassium	0.10%
Moisture	Max. 8%			Magnesium	0.22%
				Sulfur	0.28%
Typical Analysis				Chlorine	0.00%
Total Glucomannans	34.0%			Sodium	0.03%
Crude Protein	41.0%			Zinc	31.32 ppm
Nucleotides	3.5%			Selenium	0.02 ppm
RNA	5.3%			Copper	4.42 ppm
β-Glucan	22.0%			Iron	98.10 ppm
Mannan Oligosaccharides	12.0%			Manganese	21.92 ppm
Moisture	5.0%			Cobalt	0.00 ppm
Ash	7.0%			Lead	0.00 ppm
Fat	2.5%			Chromium	1.31 ppm
Crude Fiber	1.4%			Vitamins	
Amino Acids				Thiamine (B1)	71.30 ppm
	(1)	(2)	(3)	Riboflavin (B2)	32.00 ppm
Alanine	2.73%	2.40%	2.16%	Niacin (B3)	66.32 ppm
Arginine	2.12%	1.94%	1.53%	Pantothenic Acid (B5)	80.60 ppm
Aspartic Acid	2.45%	4.11%	2.61%	Pyridoxine (B6)	9.00 ppm
Glycine	1.90%	1.70%	1.45%	Choline (B7)	1,206.42 ppm
Isoleucine	2.38%	2.14%	0.83%	Biotin (B8)	3.12 ppm
Leucine	3.30%	2.93%	1.30%	Folic Acid (B9)	14.90 ppm
Glutamic Acid	4.90%	4.49%	3.81%	Cobalamin (B12)	0.90 ppm
Lysine	3.51%	3.13%	2.56%	Microbiological Analysis	
Cysteine	0.33%	0.27%	0.20%	Total Plate Count	<15,000 cfu/g
Methionine	0.85%	0.76%	0.51%	Total Coliforms	<10 mpn/g
Phenylalanine	1.93%	1.73%	0.86%	Fecal Coliforms	Absent
Tyrosine	1.50%	1.42%	1.18%	Yeast	<100 cfu/g
Threonine	2.38%	2.10%	1.21%	Mold	<100 cfu/g
Tryptophan	0.43%	N.E.	N.E.	<i>Salmonella</i>	Absent
Proline	1.63%	-	1.20%	<i>E. coli</i>	Absent
Valine	2.56%	2.22%	0.72%		
Histidine	1.07%	1.01%	0.60%		
Serine	2.48%	2.21%	1.68%		

(1) Total Amino Acids
 (2) Digestible Amino Acids in Swine
 (3) Digestible Amino Acids in Poultry
 N.E. – Not Evaluated

Due to many variables beyond our control, Enzabac Advanced Products makes no warranties expressed or implied, concerning this product or its use beyond the description on the face hereof. In no event shall Enzabac Advanced Products be held responsible for consequential or incidental damages.



ADVANCED PRODUCTS