

ADVANTA HSY 2000

Product Profile

11/6/2017

PRODUCT DESCRIPTION

ADVANTA HSY 2000 is produced by fermenting *Saccharomyces cerevisiae* in a selenium-rich media for an organic food-form of selenium and is for manufacture of premixes for all types of animal diets.

Selenomethionine is the primary source of selenium derived from ADVANTA HSY 2000 which is natural and metabolized quickly in the body. ADVANTA HSY 2000 is a biologically-available source of selenium and is an essential mineral for animals and a must for production livestock.

AAFCO (Association of America Feed Control Officials) Number: 57.163
CFR (Code of Federal Regulations) Number: 573.920

INGREDIENT COMPOSITION

Spray Dried Selenium Yeast

GUARANTEED ANALYSIS

- Crude Protein, min 48.5%
- Moisture, max 4.0%
- Selenium (Se) min. 2,000 ppm
(No Free Selenium-Organically Bound Selenium 100%)
- Typical Analysis (as-fed). *See last page for nutrient profile*

FEEDING DIRECTIONS

ADVANTA HSY 2000 is for manufacturing of selenium premixes for chickens, turkeys, swine, dairy cattle and beef cattle. General feeding recommendations are outlined on the next page.

PHYSICAL CHARACTERISTICS & HANDLING

ADVANTA HSY 2000 is a Spray Dried Material, tan to brown in color, which meets the following mesh screen requirements: 100% passage through 60 mesh screen and 90% passage through 100 mesh screen.

ORDERING & TECHNICAL INFORMATION

- Packaging: 55 lbs. (25 KG); 3-ply paper, with 5 mil poly liner
- Customer Service: 877.736.1607
- Technical Information: call 877.736.1607 or email: enzabac@enzabac.com



RECOMMENDED FEEDING RATES PER DAY**MIXING INSTRUCTIONS**

The level of Selenium on a complete ration should not exceed 0.3 ppm for chickens, swine, turkeys, and cattle.

To formulate Selenium Premixes containing:

90.8 mg Selenium/lb. (200 ppm)
181.8 mg Selenium/lb. (400 ppm)
272.4 mg Selenium/lb. (600 ppm)

Amount of Selenium Yeast to add per ton:

200 lbs. per ton
400 lbs. per ton
600 lbs. per ton

DAIRY CATTLE

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

BEEF CATTLE

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

Feed supplements for limit feeding at a level not to exceed an intake of 3 milligrams per head per day.

Salt-mineral mixtures for free-choice feeding up to 120 parts per million in a mixture for free-choice feeding at a rate not to exceed an intake of 3 milligrams per head per day.

GOATS

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

Feed supplements for limit feeding at a level not to exceed an intake of 0.7 milligrams per head per day.

Salt-mineral mixtures for free-choice feeding up to 90 parts per million in a mixture for free-choice feeding at a rate not to exceed an intake of 0.7 milligrams per head per day.

BISON

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

Feed supplements for limit feeding at a level not to exceed an intake of 3 milligrams per head per day

Salt-mineral mixtures for free-choice feeding up to 120 parts per million in a mixture for free-choice feeding at a rate not to exceed an intake of 3 milligrams per head per day.

EQUINE

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

Feed supplements for limit feeding at a level not to exceed an intake of 3 milligrams per head per day.

Salt-mineral mixtures for free-choice feeding up to 120 parts per million in a mixture for free-choice feeding at a rate not to exceed an intake of 3 milligrams per head per day.

LLAMAS & ALPACAS

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

Feed supplements for limit feeding at a level not to exceed an intake of 0.7 milligrams per head per day.

Salt-mineral mixtures for free-choice feeding up to 90 parts per Million in a mixture for free-choice feeding at a rate not to exceed an intake of 0.7 milligrams per head per day.

SWINE

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

POULTRY

Add to complete feeds at a level not to exceed 0.3 part per million of selenium.

DOGS

Add to complete feeds at a level not to exceed 0.333 part per million of selenium on a dry matter basis.

*Caution: Follow label directions. The addition to feed of higher levels of this premix containing selenium is not permitted.



Typical Analysis

Yeast Strain

Saccharomyces cerevisiae

Guaranteed Analysis

Crude Protein Min. 48.5%
 Moisture Max. 4.0%
 Selenium (Se) Min. 2,000 ppm
 (No Free Selenium – Organically Bound Selenium 100%)

	Typical Analysis	Item Expected Range
Selenium	2,000 ppm	1,900 – 2,100 ppm
Protein	50%	46 - 53%
P ₂ O ₅ (Available Phosphoric acid)	3.1%	2.5% - 3.4%
Moisture	4.0%	2.5% - 7.5%
Extraneous Material	Negative	Negative
<i>Salmonella</i>	Negative	Negative
<i>E. coli</i>	Negative	Negative
Coliforms	<1 / gram	< 1 / gram
Aerobic Plate Count	<12,500 grams	< 10.000 – 15.000 / gram
Yeast/Mold	< 10 / gram	< 50 / gram

*Certified: 100% Organically Bound (no free selenium)

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.

