

# Culture Classic HD



Cellerate Yeast Solutions® Culture Classic HD is a yeast culture manufactured using *Saccharomyces cerevisiae* in a proprietary fermentation process that creates a product containing yeast, yeast components, and fermentation metabolites that are applied to a beneficial plant-based carrier. The feeding of Cellerate Yeast Solutions Culture Classic HD helps support the microbiome of the digestive tract.



## Suggested Inclusion Rates

### Beef/Dairy Cattle:

Calf Starter/Creep Feeds	2-4 lb/ton
Grower/Finisher Rations	2-4 lb/ton
Dry Cow	2-4 lb/ton
Lactating	3-4 lb/ton
Top Dress	14 g/head/day

### Companion Animals:

Dogs/Cats/Fur-Bearing	3-4 lb/ton
Rabbits	3-4 lb/ton

### Aquaculture:

Fish/Shrimp	3-4 lb/ton
-------------	------------

### Goat/Sheep:

Complete Feed	3-4 lb/ton
Other Supplements	7 g/head/day

### Equine:

Foal – Complete Feed	3-4 lb/ton
Mature Horse – Complete Feed	3 lb/ton
Other Supplements	14 g/head/day

### Poultry/Turkey:

Starter/Breeder	3-4 lb/ton
Grower/Finisher/Layer	2-3 lb/ton

### Swine:

Pre-Starter/Starter	3-4 lb/ton
Grower/Finisher	2-3 lb/ton
Gestation	2-3 lb/ton
Late Gestation/Lactation	3-4 lb/ton



*For all other species, contact your Nutritionist or Phibro Specialist.*

## Physical Characteristics, Packaging and Storage

A flowable, granular material that mixes well with common feed ingredients. The nutritional and handling characteristics are not affected by standard manufacturing processing methods and storage conditions.

Bulk Density	31-36 lb/ft <sup>3</sup>
Shelf Life	12 Months
Color	Off White/Yellow Hue
Texture	Granular
Smell/Aroma	Yeast/Corn



# Culture Classic HD



## Typical Analysis (As-Fed Basis)

### Proximate Analysis

Crude Protein .....	21.0%
Crude Fat .....	3.8%
Crude Fiber .....	1.2%
Ash.....	2.3%
Moisture .....	6.2%

### Minerals

K .....	0.60%
P .....	0.39%
S .....	0.21%
Mg.....	0.11%
Na.....	0.050%
Ca .....	0.038%
Fe.....	0.003%
Zn.....	0.003%
Mn.....	0.001%

### Amino Acids

Alanine .....	1.50%
Aspartic Acid .....	1.61%
Cysteine .....	0.38%
Glutamic Acid .....	3.70%
Glycine .....	0.79%
Isoleucine .....	0.91%
Leucine .....	2.34%
Lysine.....	0.95%
Methionine.....	0.45%
Proline .....	1.40%
Threonine .....	0.76%
Valine.....	1.09%

### Energy

TDN.....	90.4 Mcal/cwt
NE <sub>L</sub> 3X.....	95.2 Mcal/cwt
NE <sub>G</sub> .....	73.7 Mcal/cwt
NE <sub>M</sub> .....	105.6 Mcal/cwt

### Carbohydrates

Starch .....	48.4%
ADF.....	2.53%
NDF.....	5.96%



### Custom Solutions for Your Operation

800-677-4623  
www.pahc.com

