



Introducing A New Wine Making Essential...

MicroEssentials™



PRODUCT DESCRIPTION

MicroEssentials Boost-TR is a *time-release* yeast nutrient specially designed for wine fermentations. The product consists of 1.5 inch tablets intended for direct addition to juices or musts. The unique *time-release* system provides high levels of inorganic nitrogen and low levels of organic nitrogen, vitamins and trace minerals in a sustained manner, thus assuring timely supplementation and proper management of the fermentation.

The convenience of **MicroEssentials Boost-TR** offers winemakers ultimate control in supplementing juices and musts throughout fermentation with one single addition. Utilizing **MicroEssentials Boost-TR** offers similar fermentation kinetics compared with incremental nutrient additions.

APPLICATION

MicroEssentials Boost-TR is suggested as a supplement to **MicroEssentials Complete-TR™** when additional inorganic nitrogen is desired. **MicroEssentials Boost-TR** can be used separately in easy fermentation scenarios when mainly inorganic nitrogen supplementation is required. **MicroEssentials Boost-TR** is recommended for use in both red and white juices and musts. This product was designed for ease of use; therefore, to achieve full nutritional benefits, **MicroEssentials Boost-TR** should be added at yeast inoculation. **MicroEssentials Time-Release Technology** eliminates the need for multiple additions.

This product is ideal for winemakers who traditionally supplement with diammonium phosphate. **MicroEssentials Boost-TR** provides 19ppm available nitrogen at 1 lb / 1,000 gal.



INSTRUCTIONS FOR USE

Add **MicroEssentials Boost-TR** directly to juices or musts at yeast inoculation. Do **NOT** dissolve in water.

Based on a standard addition of 2 lbs / 1,000 gal, **MicroEssentials Boost-TR** should be added as follows:

- ◊ Large fermentations use 1 box (10 kg / 22 lbs) per 11,000 gal
- ◊ Macro bins (175 gal) use 6 tablets
- ◊ Barrel ferments (~ 60 gal) use 2 tablets

For further recommendations on dosage, or dosage based on YAN values, please contact a Gusmer representative - or refer to the *Gusmer Nutrient Addition Chart* in the wine product catalog or at www.gusmerwine.com.

TECHNICAL DATA

- ◊ Addition Level
 - ▶ Recommended dosage is 2 - 8 lbs / 1,000 gal
- ◊ Storage and Shelf Life
 - ▶ Store in a cool, dry, well-ventilated area
 - ▶ Shelf life at least 18 months if stored under recommended conditions
- ◊ Appearance
 - ▶ White colored tablets with yeast-like aroma

PACKING

MicroEssentials Boost-TR is available in 10 kg boxes and 1 kg boxes.

PRODUCT SPECIFICATIONS

Typical Analysis	Specification
Protein	0 - 10%
Nitrogen	12 - 16%
Moisture (probe)	12% max
pH (5% solution)	6.5 - 8.0

Microbiological	Specification
Total Bacteria Count	< 20,000 / g
Yeast and Mold	< 100 / g
Coliform Organisms	< 10 / g
<i>E. coli</i>	Negative
<i>Salmonella</i>	Negative

The information contained herein is to our knowledge accurate and is provided in good faith; however, no warranty, guarantee or freedom from patent infringement is implied or inferred. This information is offered solely for your consideration and verification.

The product(s) described herein are protected by one or more patent(s) pending.

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