

Ecobiol Org

OPTIMIZATION OF FERMENTATION

100% organic balanced nutrient for top quality fermentation Maximum legally permitted quantity (due to the presence of thiamine): 40 g/hL.

ECOBIOL ORG is a nutrient made exclusively from organic nitrogen and rich in thiamine. Baed on deactivated yeasts, it also provides minerals and other essential vitamins for yeast cultures.

ECOBIOL ORG therefore aids the regulated growth of yeasts, allowing them to attain a biomass sufficient for full alcoholic fermentation whilst avoiding the occurrence of overpopulation, a source of difficulties during fermentation with the development of sulphurous odours. The physiological condition of each yeast cell is also optimised.

ECOBIOL ORG also helps the aromatic expression of:

- Fermentation aromas, by directly providing amino acids, sources of fruity and floral esters,
- Varietal aromas, by avoiding any inhibited release of fruity thiols due to an excess of ammonium salts.

In addition, **ECOBIOL ORG** limits the production of SO₂ sometimes found with the use of ammonium salts and increases the effectiveness of adding sulphites, since the presence of thiamine limits the combination issues.

It may be used for the production of organic winestoo, since **ECOBIOL ORG** satisfies both the yeast's nutritional requirements and the wine's sensorial quality targets whilst also conforming with the spirit of rational and natural winemaking where the science of oenology is used for prevention rather than cure.

Composition

Origin: *Saccharomyces cerevisiae*, thiamine hydrochloride.

Characteristics

A solid format preparation containing insoluble particles.

Doses & Instruction for use

- 10 to 40 g/hL depending on, amongst other things, the assimilable nitrogen in the must, the strain of yeast being used, the concentration of sugar to ferment and the target product.

We generally advise adding **ECOBIOL ORG** twice; once immediately after adding the yeast to the must and again at one third of the way through alcoholic fermentation. In cases of significant deficiency, top up with DIAMMONIUM PHOSPHATE (DAP) one third of the way through alcoholic fermentation.

Make a suspension of **ECOBIOL ORG** in 10 times its own volume of water or must. After incorporation, thoroughly blend into the must by pumping over or by stirring.*

Storage

Store in a dry place at room temperature, free of odours. Once the bag has been opened, the product must be used quickly and cannot be kept. Once prepared, the product must be used within one day.

Package

1 kg bags

* Deficiency of assimilable nitrogen in the must	Addition when adding yeast to the must	Addition at 1/3 of alcoholic fermentation (drop of 30 to 40 specific gravity points)
High	ECOBIOL ORG (20 g/hL)	ECOBIOL ORG (20 g/hL)+ DAP
Average	ECOBIOL ORG (10 g/hL)	ECOBIOL ORG (10 to 30 g/hL)
Low	ECOBIOL ORG (10 g/hL)	ECOBIOL ORG (10 g/hL)



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