

## **ACTIFERM OR**

## Organic nutrient for complete and regular yeast nutrition

Used in alcoholic fermentation

NUTRIENTS

Solely formulated from specific nutrient-rich inactivated yeasts

Part of the must and wine flora



**OENOLOGICAL GOALS** 

This formula contributes all the nutrients that yeasts require: available nitrogen (via amino acids and inactivated yeasts), vitamins and trace elements, and survival factors such as lipids.

Unlike inorganic nitrogen, the inactive yeasts in **ACTIFERM OR** release the nutrients regularly all the way through AF, thus preventing temperature fluctuations and turbulent fermentation, which are responsible for difficult final phases of AF.

**ACTIFERM OR** promotes AF as efficiently as DAP (Fig. 1a). However, the tailored utilization of organic nitrogen gives wines with better organoleptic profiles. Production of H2S is limited while the production of fatty acid and acetate esters with complex fruity aromas is more significant and affects tasting (Figure 1b).



Figure 1: Trial with a 2010 Sauvignon Blanc: available N: 70 mg/l – Turbidity 80 NTU – pH 3. 3

Comparison of the effect of the addition of 25 g/hL of DAP during yeast inoculation and addition of 40 g/hL of **ACTIFERM OR** in two batches during yeast inoculation and at mid-AF (a) on AF kinetics of a deficient must and (b) on tasting.

The use of **ACTIFERM OR** is recommended to improve fermentation of musts with low to average nitrogen deficiency.



Dissolve **ACTIFERM OR** in 10 times its weight of water or must and add to the must during pump-over to ensure thorough mixing.

Add 20 g/hL of **ACTIFERM OR** during yeast inoculation.

In case of sluggish AF, add an additional 20 g/hL at mid-fermentation.

## Precautions for use:

Product for oenological and specifically professional use. Use in accordance with current regulations.



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