








YEAST NUTRIENT

NUTRIFERM VIT FLO

Fermentation activator.

	<p>COMPOSITION Diammonium phosphate (99.8%), thiamine hydrochloride (vitamin B1) (0.2%).</p>
	<p>GENERAL CHARACTERISTICS Nutriferm Vit Flo is the ultimate yeast nutrient: designed to create the most favorable environment for yeast to grow and propagate. It prevents sluggish or difficult fermentations which have a negative effect on wine. Yeast can only grow in an environment with sufficient yeast assimilable nitrogen (YAN) (i.e. ammonium and amino acids). Research has shown that the YAN content to ensure reliable fermentation is 150 mg/L, while 250 mg/L ensures good quality wine, particularly when selected yeast strains are chosen for their aromatic effect. Nutriferm Vit Flo adds nitrogen to must, providing for more regular fermentations. The addition of Nutriferm Vit Flo is particularly useful in must obtained from grapes affected by <i>Botrytis cinerea</i>, since this mold consumes nitrogen which yeast require. Thiamine (Vitamin B1) is another indispensable growth factor for yeast. Many studies have shown that wild <i>Kloeckera</i> yeast quickly consume thiamine at the expense of the nutritional needs of selected yeast strains. The use of Nutriferm Vit Flo can both supplement naturally nitrogen-poor grapes and compensate for the effects of wild yeast or <i>Botrytis cinerea</i>. Moreover, thiamine lowers the production of acetaldehyde by yeast, resulting in wines with less bound SO₂ and a higher free SO₂ fraction. Nutriferm Vit Flo addition is also recommended for the thermovinification process, where heat denatures natural vitamins contained in must.</p>
	<p>APPLICATIONS Yeast nutrition at the beginning of growth phase</p>
	<p>DOSAGE</p> <ul style="list-style-type: none"> From 10 to 30 g/hL, depending on grape YAN content. From 20 to 30 g/hL during second fermentation and to restart "stuck" fermentations. <p>10 g/hL of Nutriferm Vit Flo supplies approximately 20 mg/L of YAN. 30 g/hL of Nutriferm Vit Flo supplies the maximum amount of thiamine allowed in the EU (60 mg/hL). 30 g/hL of Nutriferm Vit Flo supplies the maximum amount of thiamine allowed in the USA (60 mg/hL).</p>
	<p>INSTRUCTIONS FOR USE Dissolve Nutriferm Vit Flo in a small amount of water and add to must at yeast inoculation, taking care to homogenize properly through a pump-over.</p>
	<p>PACKAGING AND STORAGE CONDITIONS 20 kg</p> <p>Sealed package: store in a cool, dry and well-ventilated place. Opened package: carefully reseal and store as indicated above.</p>
	<p>COMPLIANCE The product is in compliance with: Codex Oenologique International</p> <p>Product approved for winemaking, in accordance with: Reg. (UE) 2019/934</p> <p>Product approved for winemaking by the TTB. The amount of thiamine used shall not exceed 0.005 lb/1000 gallons (0.6 mg/L)</p>

The indications given here correspond to the current state of our knowledge and experience, however they do not relieve the user from compliance with safety and protection regulations or from improper use of the product.