



Stimula™

Pinot Noir

Description

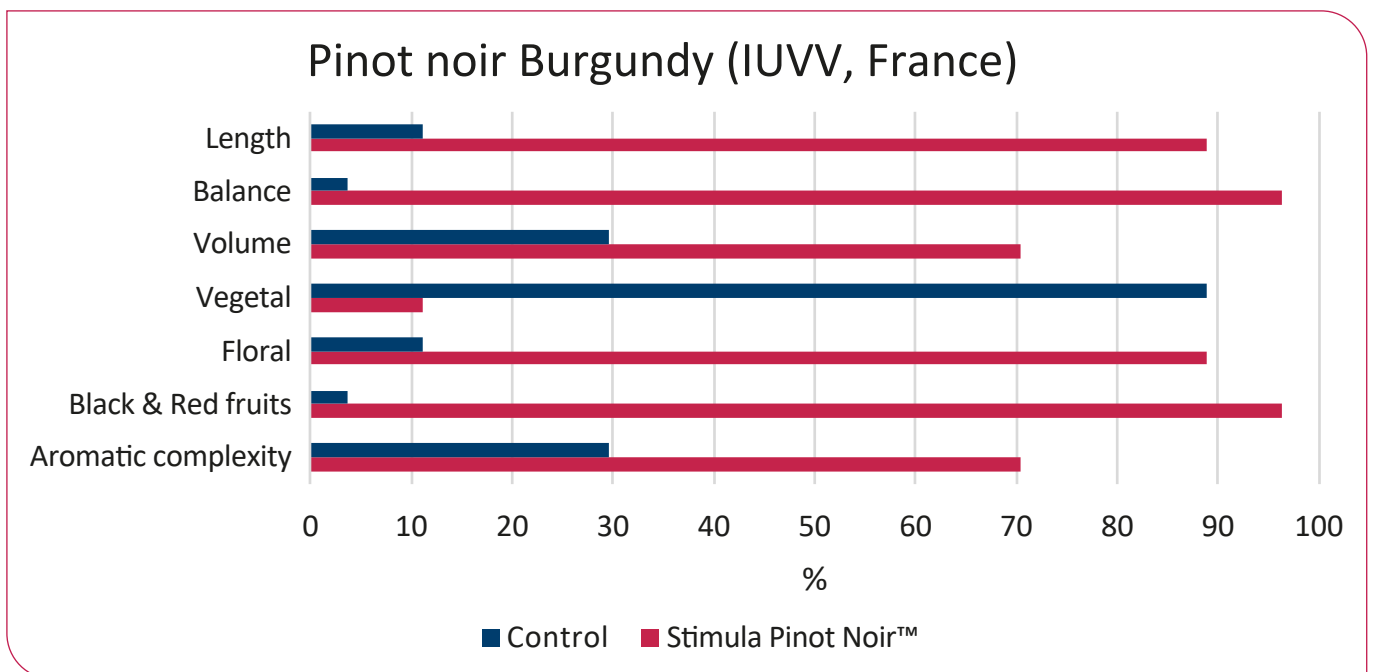
Stimula™ is a new range of 100% yeast autolysate products developed to supply the optimal levels of organic nitrogen sources in order to optimize yeast metabolism and to promote the aromatic profile of different grape varieties.

Stimula Pinot Noir™ is an organic nutrient particularly rich in different nitrogen sources (free amino acids), specific vitamins and minerals to increase the aromatic profile while avoiding sulfur off-flavors.

The addition of **Stimula Pinot Noir™** at the beginning of the alcoholic fermentation (AF) will enhance yeast metabolism, increasing varietal precursors uptake, and aroma biosynthesis.

Benefits and results

- Improve the expression of varietal aroma.
- Enhance the synthesis and stability of fruity esters.
- Reduce greenish and vegetal notes.
- Avoid reductive characters.



Sensorial analysis conducted by an expert panel (27 tasters). Comparative trial on a Pinot noir Burgundy (IUVV, France): 20 g/hL DAP vs 40 g/hL **Stimula Pinot Noir™** added at the beginning of AF. (Must analysis: sugar content = 202 g/L - YAN = 210 mg/L - pH = 3.4 - TA = 8.4 g/L)



WINE
YEASTS



WINE
BACTERIA



NUTRIENTS
/PROTECTORS



SPECIFIC
YEAST DERIVATIVES



ENZYMES



CHITOSAN



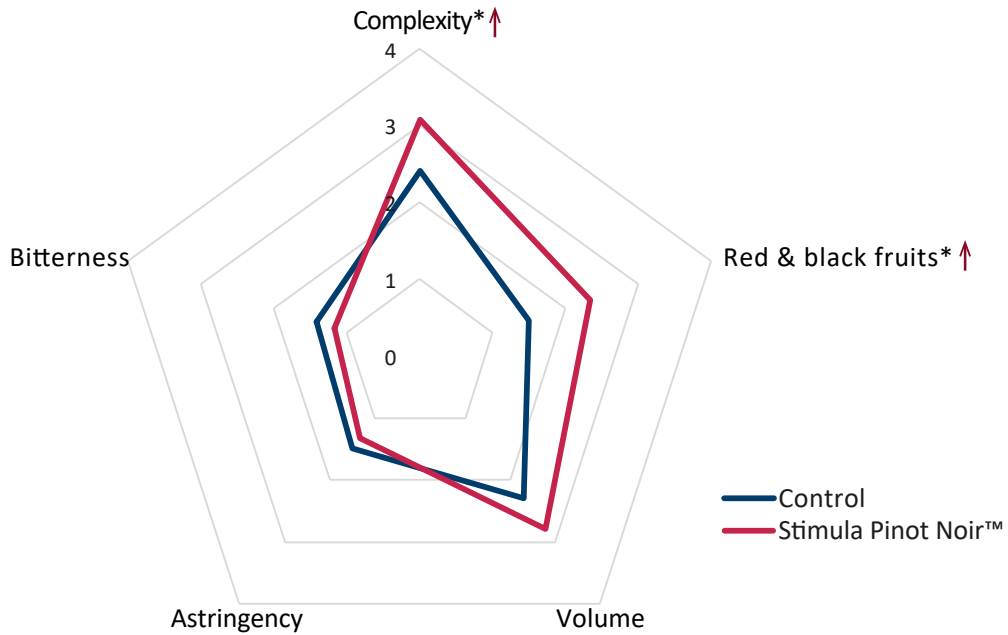
VINEYARD
SOLUTIONS



LALLEMAND OENOLOGY

Original by culture

Pinot noir, New Zealand



Sensorial analysis conducted by an expert panel (12 tasters). Comparative trial on a Pinot noir New Zealand (Bragato Research Institute): 20 g/hL DAP vs 40 g/hL **Stimula Pinot Noir™** added at the beginning of AF.

Dosage and instructions for use

- **Stimula Pinot Noir™** is an organic nutrient supplying highly available amino acids, peptides, vitamins and minerals.
- Recommended dosage is 40 g/hL added at the beginning of AF (40 g/hL brings 48 mg/L of YAN equivalent to inorganic sources).
- **Stimula Pinot Noir™** should be suspended with water (1 kg in 10 L water) and added immediately to the tank. If prepared in advance, re-suspend the product prior to its addition to the fermenter.

Must YAN*	Start of AF	1/3 rd of AF
> 200 mg/L	Stimula Pinot Noir™ 40 g/hL	
125-200 mg/L	Stimula Pinot Noir™ 40 g/hL	FERMAID AT™ 10-20 g/hL
< 125 mg/L	Stimula Pinot Noir™ 40 g/hL	FERMAID AT™ 10-20 g/hL

*YAN: Yeast Assimilable Nitrogen

Packaging and storage

- 10 kg (10 x 1 kg bags).
- Store in a cool dry place.
- To be used once opened.

Distributed by:

C.A.L LTD

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Stimula™
Pinot Noir

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June 2022