

The revolutionary approach to vitamin integration in musts

EXTREME WEATHER CONDITIONS & ABIOTIC STRESS

Changes in must composition
—
Impact on enological practices
—
Fermentation difficulties
—
Secondary metabolism affected:
stress, aroma production



MARKET TRENDS



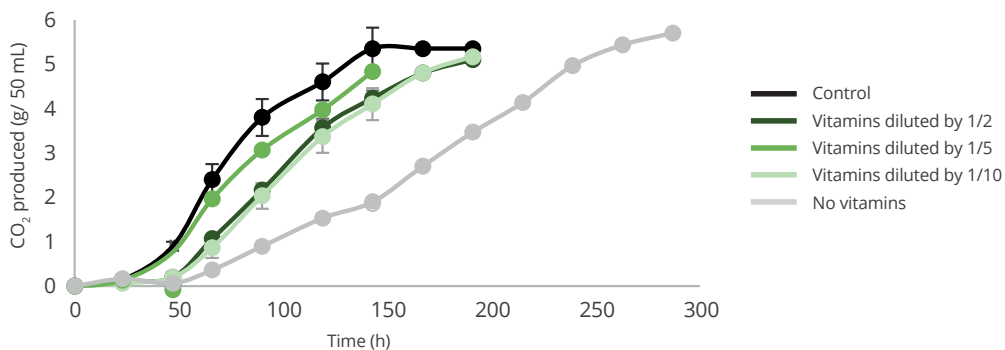
The solution to changes in must composition:

CLIMAX

PRIME

**READJUSTS THE MUST
with carefully
identified VITAMINS**

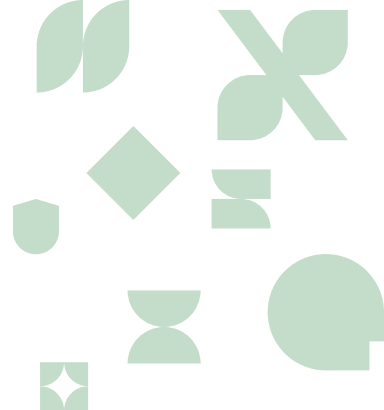
Vitamins play an essential role in fermentation. The absence of certain vitamins in the must leads to longer exponential growth phases, reduced multiplication kinetics, and can result in global slowdown of AF. CLIMAX® PRIME was formulated to make up for this imbalance and ensure smooth fermentation.



Monitoring the fermentation kinetics of a selected *Saccharomyces cerevisiae* yeast strain inoculated at 20 g/hL in the presence or absence of a more or less diluted vitamin pool. Results subjected to statistical analysis (Kruskal-Wallis; $p < 0.05$).

OENOFRANCE®'s decision-support tool

Choose the right nutrient
for your goal



NAME	GOALS			MATRIX	
	CONTROLLED FA	THIOL REVELATION	REVELATION ESTER	PRODUCTION STRESSED GRAPES (HIGH TEMPERATURES, HEALTH STATUS, ETC.)	LIPID DEFICIENCY (HIGHLY SETTLED JUICE)
VIVACTIV® PREMIER
CLIMAX® PRIME
VIVACTIV® AROME

AT OENOFRANCE®, NUTRITION IS BASED ON RIGOROUS SELECTION OF RAW MATERIALS AND PERFECT KNOWLEDGE OF THEIR PROPERTIES.

The aim is to offer precision nutrition adapted to different fermentation contexts, to help yeast express its full aromatic potential.

NAME	AVAILABLE NUTRIENTS (sum of nitrogen and assimilable amino acids) FOR 20 g/hL	MINERAL NITROGEN INTAKE	EXOGENOUS THIAMINE INTAKE	AUTOLYSATE	SIY	SURVIVAL FACTORS
CLIMAX® PRIME	...	Ø	Ø	✓	Ø	Ø
VIVACTIV® PREMIER	..	Ø	✓	✓	Ø	✓
VIVACTIV® AROME	Ø	Ø	✓	✓	✓
VIVACTIV®	..	DAP	✓	Ø	✓	Ø
VIVACTIV® PERFORMANCE	..	DAP	Ø	Ø	✓	✓
VIVACTIV® CONTRÔLE	.	Ø	Ø	✓	Ø	✓
VIVACTIV® ACTION	..	DAP	Ø	Ø	Ø	✓
VIVACTIV® 100	...	DAP	✓	Ø	✓	Ø