

KillBrett®



Pure chitosan of fungal origin for the microbiological stabilisation of wines. KillBrett® is a simple and effective solution for the winemaker to control microorganisms such as *Brettanomyces*.



PRODUCT CHARACTERISTICS

- ◆ **Formulation:** 100 % fungal chitosan in powder form.
- ◆ **Enological benefits:** KillBrett® is a **natural, vegan, allergen free product made from 100% fungal chitosan** (extracted from *Aspergillus niger*). Its ability to reduce microbial populations has been widely documented.

KillBrett® is easy to use and effective at dosages as low as 4 g/hL. It can be used to **significantly decrease the population of undesirable microorganisms, such as *Brettanomyces***, and to prevent their negative impacts.

Complies with the OIV's Oenological Codex and EU regulation n°53/2011 (that modifies EC regulation n°606/2009).



DIRECTIONS FOR USE

- ◆ Use during aging (AF and MLF completed). Dissolve in 10 times its weight of water or wine and agitate constantly. Incorporate in wine and ensure a good homogenisation. Rack the wine 10 days after treatment.
- ◆ **Dosage:** 2 to 10 g/hL.
- ◆ **Maximum legal dosage:** Reduction of *Brettanomyces*: 10 g/hL. Reduction of heavy metals: 100 g/hL. OTA: 500 g/hL. Clarification: 100 g/hL.

Recommended dosages:

Initial contamination	Recommended treatment
Moderate $\pm 10^2$ cell/mL	KillBrett® 4g/hL
high $\pm 10^3$ cell/mL	KillBrett® 4g/hL + VinoTaste® Pro 10g/hL
Very High $\geq 10^4$ cell/mL	KillBrett® 6g/hL + VinoTaste® Pro 10 g/hL
Preventive treatment (after FML)	KillBrett® 4g/hL



TRIAL RESULTS

1. EFFECT OF KILLBRETT® ON *BRETTANOMYCES* POPULATIONS

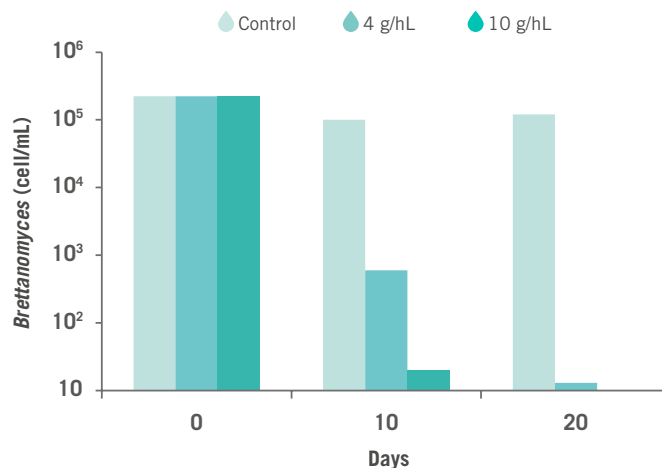
Bordelais, Cabernet-Sauvignon 2018

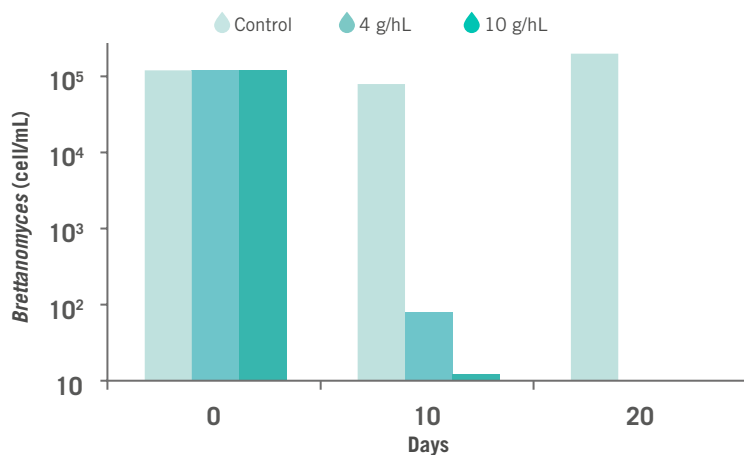
Initial population in *Brettanomyces*: $2,2 \cdot 10^5$ cell/mL

Free SO₂ : 25 mg/L

T: 15°C

pH: 3,81





2. EFFECT OF KILLBRETT® ON *BRETTANOMYCES* POPULATIONS

Val de Loire, Cabernet-Franc 2018

Initial population in *Brettanomyces* : 1,2.10⁵ cell/mL

Free SO₂: 21 mg/L

T: 16°C

pH: 3,69



SPECIFICATIONS

PHYSICAL

- **Appearance & colour:** Beige powder
- **Purity:** > 95 %
- **Ashes:** < 3 %

LIMITS

- **Lead:** < 1 mg/kg
- **Mercury:** < 0.1 mg/kg
- **Arsenic:** < 1 mg/kg
- **Cadmium:** < 1 mg/kg
- **Chrome:** < 10 mg/kg
- **Copper:** < 30 mg/kg
- **Iron:** < 100 mg/kg
- **Zinc:** < 50 mg/kg



PACKAGING & CONSERVATION

- Box of 100 g or of 1 kg.
- Store in its original packaging hermetically sealed, in a cool, clean and dry place without odors. Respect the optimal date of use written on packaging. Use quickly after opening.

GD/27-07-2021. For oenological use. This document is correct at the time of publication and is provided for information purposes only, without commitment or guarantee. This product should be used in accordance with the relevant legislation and standards. In accordance with the EU Regulation n°2019/934 (and its modifications).

LAMOTHE-ABIET

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