

NO BRETT INSIDE

Chitosan product of fungal origin

CHARACTERISTICS

No Brett Inside is a new tool developed to control *Brettanomyces* populations post malolactic fermentation. It is a Chitosan product derived from *Aspergillus niger*. Chitosan is a linear polymer of D-glucosamine and N-acetyl-D-glucosamine (randomly distributed). It's the product of chitin deacetylation (hydrolysis of N-acetyl groups of chitin). Chitosan has many commercial applications from the medical industry, cosmetic industry, agricultural industry, and now in wine.

Please note: No Brett Inside can reduce Brettanomyces populations in wine but it has no impact on 4EP or 4EG levels already present in the wine.

RECOMMENDED DOSAGE

4-8 g/hL (40-80 ppm) or 0.33-0.67 lbs/1000 gal*

***Note: No Brett Inside has been administratively approved for continual use under 24.250. Letterhead approval is no longer required.**

DIRECTIONS FOR USE

Once the wine has completed malolactic fermentation it should be racked to remove any heavy lees prior to the addition of No Brett Inside. Prepare the No Brett Inside by suspending it in 5 times its weight in water. No Brett Inside is insoluble, and will not go fully into solution. Additions can be made during pump-overs or during tank/barrel agitations/mixings. Once added allow the No Brett Inside to settle for 10 days, then rack off the lees. Microbiological analysis can be conducted post racking, however, it is generally recommended to wait 20-30 days post racking to avoid false positives.

BENCH TRIAL PREPARATION

Prepare a 20% laboratory solution by mixing 1gram of No Brett Inside into a final volume of 5 mL water.

Bench Trial Recommendations (1L)

<u>Target Addition (g/hL)</u>	<u>lbs/1000gal</u>	<u>mL's of lab dilution</u>
0g/hL (control)	0	0
4g/hL	0.33	0.2
8g/hL	0.67	0.4

No Brett Inside is insoluble so make sure to stir while pipetting to achieve an accurate dosage. Once added to wine sample mix well. Allow samples to settle for at least 10 days at room temperature. After 10 days carefully decant wine off lees in all three flasks, making sure to leave the deposit at the bottom of the flask and conduct recommended analysis.

PACKAGING and STORAGE

No Brett Inside is a light beige powder packaged in 100g sachets. No Brett Inside should be stored in a cool dry place.

This information is herein true and accurate to the best of our knowledge; however, this data sheet is not to be considered as a guarantee expressed or implied, or as a condition of sale of this product.

