

MACLE TO SET TO



PRODUCT

Used for sparkling wines using either the *méthode* champenoise or Charmat techniques



ITPE

Saccharomyces cerevisiae



ORIGIN

This yeast was originally isolated in Italy and purified by AB Biotek



Applications

Due to its inherent stress tolerance characteristics, **Bubbly** is the ideal yeast for producing sparkling wine styles using either the *méthode* champenoise or Charmat methods. With very low total SO₂ production, **Bubbly** can be used as the primary and secondary fermenter and produces some subtle but positive fruity aromas consistent with high quality sparkling wines.

Fermentation characteristics

- Bubbly has a short lag phase and is a reliable and robust fermenter at temperatures between 8-32°C (47-88°F).
- This yeast strain has very high alcohol tolerance of 15.5-16.0% v/v.
- Bubbly is a low foaming strain and flocculates well at the end of fermentation.

Nitrogen requirements

Bubbly is a relatively low nitrogen consumer even in early-picked grapes for sparkling base wines.

Volatile acidity

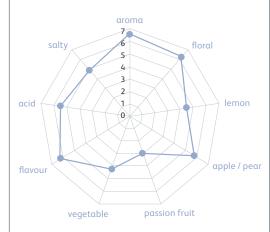
In application trials, this yeast has shown not to produce VA levels above 0.2 g/L in base wines. In secondary fermentations, the end result generally does not exceed 0.3 g/L despite highly stressful conditions encountered in secondary fermentation.

Sulfur dioxide production

Bubbly is a low to medium total SO_2 producer and should be <25 mg/L at the end of fermentation.

Killer activity

As expected for this robust strain, **Bubbly** is able to produce the Killer toxin, hence is a Killer positive yeast.



Trials were conducted during the 2016 vintage at the Centre Interdepartmental for Research in Viticulture and Oenology, University of Padova. Base DOCG Prosecco was fermented at 18°C then secondary fermented using the Charmat method beyond 5 bar at 16°C.



