

# CRISTAL® CLEAR

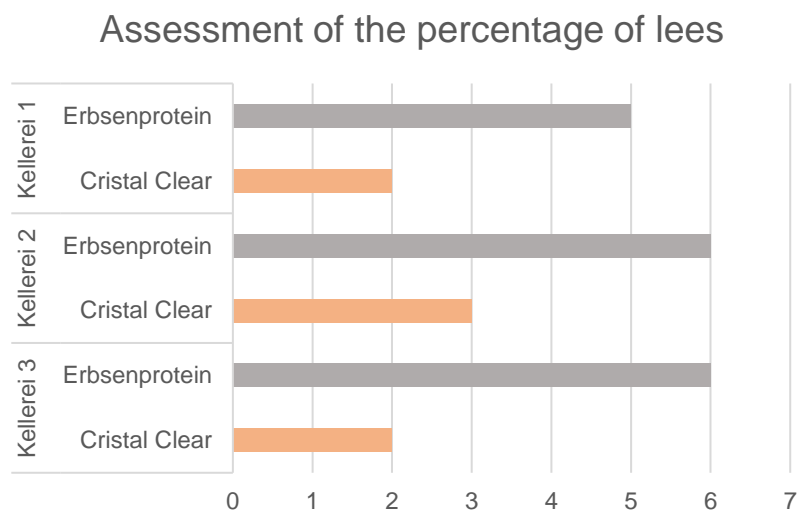
**A plant-based fining product specially developed for the treatment of musts intended to produce sparkling base wines.**

## CHARACTERISTICS

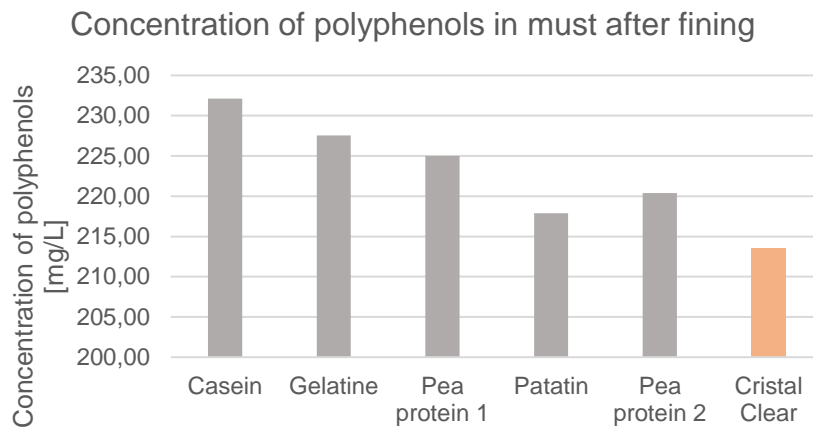
**CRISTAL® CLEAR** is a must fining product combining the synergy of various plant-based proteins, selected for their purity, associated with a mineral glue.

## OENOLOGICAL PROPERTIES

- Acts upon oxidised and oxidisable polyphenolic compounds
  - Reduces polyphenol content
  - Decreases phenolic acids (impact on OD 320nm)
  - Reduces OD 420nm and the browning of juices
- Reduces early oxidation phenomena
- Optimises the settling of lees and the volume of clear juice
- Preserves freshness and aromatic intensity



**Figure 1** Assessment of the percentage of lees in 3 different matrices. Comparison between a standard pea protein and **CRISTAL® CLEAR**



**Figure 2** Assessment of polyphenol concentration in must after fining. Comparison between different animal- and plant-based glues. **CRISTAL® CLEAR** eliminated the most polyphenols.

(Matrix: average polyphenols, observed on 4 matrices of Italian musts for sparkling wines, 2023 vintage)

## APPLICATIONS

- **CRISTAL® CLEAR** is recommended for the treatment of white or rosé grape musts intended to produce sparkling wines.
- **CRISTAL® CLEAR** can be used in flotation **without the addition of** another glue.
- **CRISTAL® CLEAR** is used for the treatment of press must or second pressing must using traditional and closed tank methods.

## DOSAGE

### **Recommended doses:**

For press juice: 5 to 10 g/hL

For second pressing juice: 10 to 20 g/hL

Maximum legal dose according to current regulations: 100 g/hL

## INSTRUCTIONS FOR USE

Dilute **CRISTAL® CLEAR** in 10 times its weight in water. Allow to swell for between 30 minutes and 2 hours and incorporate during a closed circuit using a fining connector.

### **Precautions for use:**

Product for oenological and specifically professional use.

Use in accordance with current regulations.

## PACKAGING

1 kg and 10 kg.

## STORAGE

Store unopened, sealed packages away from light in a dry, odour-free environment. Do not allow to freeze. Once opened, use up rapidly.

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**155/2024 - 2/2**