

DEPECTIL®

ELEVAGE

A microgranular enzyme preparation for a better sensory profile and filterability of wines aged on lees.

1 CHARACTERISTICS AND PROPERTIES



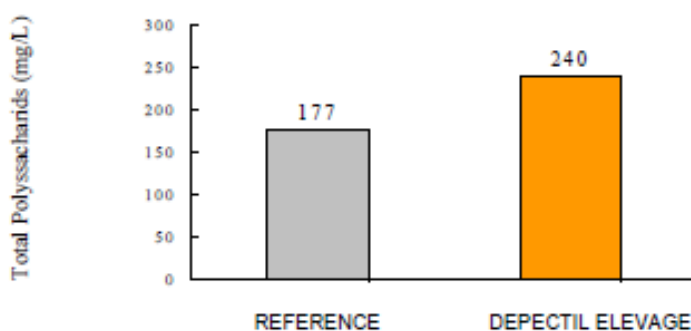
During alcoholic fermentation and ageing on lees, the compounds contained in the yeasts' walls are released into the must and later into the wine. Mainly, these include glucanes and mannoproteins. During the wine filtration process, glucanes act as clogging agents, while mannoproteins have a number of very positive effects, notably on wine stability (Cf.1).

When a harvest has been affected by *Botrytis cinerea*, a considerable amount of highly clogging glucanes is released into the wine (Cf.2).

DEPECTIL® ELEVAGE is a β -glucanase preparation that, on the one hand, optimizes the release of yeast mannoproteins and, on the other hand, breaks down clogging glucanes. Wines treated with DEPECTIL ELEVAGE are easier to filter, more stable, and present enhanced sensory qualities. This enzyme has a very low cinnamyl esterase activity.

This enzyme makes it faster and easier to produce higher quality wines, as was demonstrated by the following trials:

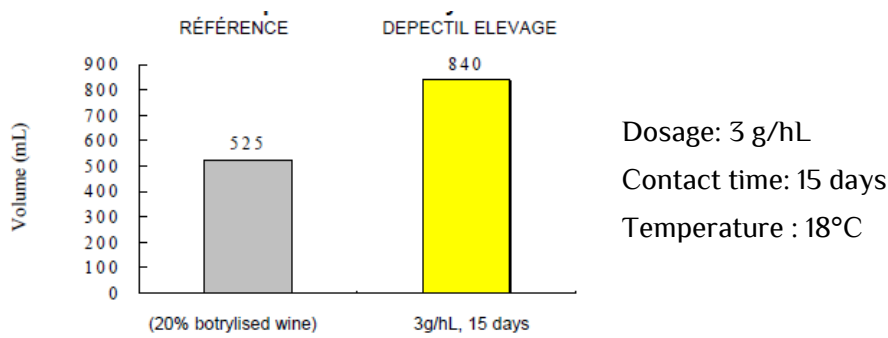
→ AGEING ON FINE LEES, CHARDONNAY



Dosage: 5 g/hL
Contact time: 15 days
Temperature : 16°C

The enzyme promotes the extraction of the yeasts' polysaccharides. These polysaccharides enhance the wines' roundness.

→ CELLULOSE AND KIESELGUHR FILTERABILITY



Laboratory trials on 1 L of wine, pressure: 1 bar. The enzyme improves filterability.

2 DOSAGE AND INSTRUCTION FOR USE

Wine filtration, classic ageing: 3 - 5 g/hL.

Ageing on fine lees (for white or red wines) : 3 - 5 g/hL.

As with all enzymes, the preparation is affected by temperature.

For temperatures under 12°C, increase dose.

- Dissolve in approximately 10 times its weight of must (100 g: 1 L)
- Add to batch to be treated, and mix well
- For optimal results, allow at least 15 days
- “Batonnage” accelerates autolysis
- Sample regularly, and rack once the desired results have been achieved

3 PACKAGING AND STORAGE



Easy-to-dissolve microgranules - 100 g box.

Store unopened in a dry, dark, and odorless place at a temperature below 25°C.

If storing for more than one year, maintain at a temperature between +4 and +8°C.

Refrigerate and use quickly after opening.

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