



NATURAL SOLUTION AFTER HAIL, TOPPING AND LEAF REMOVAL

LalVigne CICATRIX™ improves vine recovery and productive potential following mechanical damage caused by hailstorms and certain vineyard practices (topping, leaf removal), reducing their negative effects on grape and wine quality.

Hailstorms can cause very severe damage in vineyards and, depending on the intensity of the event and the phenological stage at which they occur, may result in injuries to shoots, canes, leaves, and clusters.

In response to physical damage, the vine normally close its stomata, with a consequent decrease in photosynthetic activity, in order to limit the proliferation of pathogens.

Another physiological response of the plant is the synthesis of phenolic compounds, which play an important role thanks to their antioxidant and antimicrobial properties. Among these, lignin—an essential component of the plant cell wall—plays a key role in wound repair.

LalVigne CICATRIX™ stimulates the synthesis of these compounds, and help the restart of vine physiological activity, promoting a faster recovery of the vine.



Saccharomyces cerevisiae yeast (Lallemmand Group)
 © Getty Image

WHY SHOULD I USE LALVIGNE CICATRIX?

LalVigne CICATRIX™ is a natural solution designed to speed up wound healing caused by adverse weather conditions and routine vineyard practices such as topping and leaf removal.

By supporting a rapid restart of vine physiological activity, it helps the plant recover faster, preserving vine performance and production potential.

Use **LalVigne CICATRIX™** to address physical damage



LalVigne CICATRIX™ helps support yield recovery by limiting production losses caused by hail damage.

In field observations following hail events occurring between cluster separation and early veraison, the use of **LalVigne CICATRIX™** was associated with a yield recovery of 10% or more compared with untreated vineyard areas.



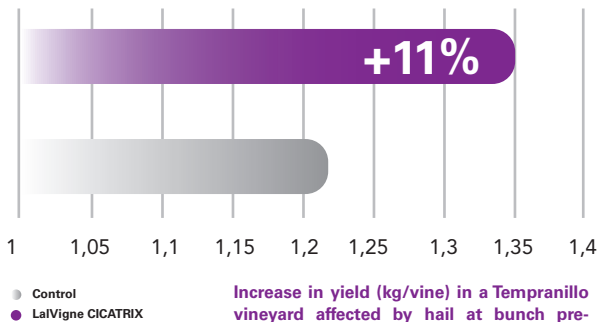
LalVigne CICATRIX™ reduces the negative impact that mechanical damage may have on grape and wine quality. It increases the homogeneity of the bunches, balances their development and maturity level.

It improves the balance of the grape components, resulting in higher wine quality.

BENEFITS

Helps restore yields after hail damage and promotes effective tissue healing following physical injuries.

- Natural treatment that accelerates the recovery of vines damaged by hail.
- Helps restart vine physiological activity after topping and leaf removal.
- Increases the physiological activity of the plant for a greater and faster recovery.
- Increases the homogeneity of the bunches, balancing their development and ripening level.
- Improves the balance of the grape components, resulting in higher wine quality.



Increase in yield (kg/vine) in a Tempranillo vineyard affected by hail at bunch preclosure.

This trial was carried out by Itacyl in the frame of the Freshwines project, led by Lallemand Oenology, financed by CDTI with ERDF (European Regional Development Fund) funds.



Hailstorms can cause damage that significantly reduces the yield of a vineyard and therefore the profitability for the winegrower.

WARNING

The information contained herein is true and accurate to the best of our knowledge. However, this document should not be considered a contract or warranty. On the other hand, the buyer and seller understand that the cultivation of vines is influenced by many circumstances. It is the buyer's responsibility to adapt the use of our products to such circumstances. There is no substitute for good wine growing and winemaking practices and permanent monitoring.

March 2026

CHARACTERISTICS

Product for foliar application.

Composition

Oenological yeast derivative (*Saccharomyces cerevisiae*) from Lallemand Oenology.

NO GMO.

Organic Agriculture

Product suitable in organic farming according to Regulation (UE) 2018/848 and 2021/1165.

Packaging

10 kg carton containing 10 bags of 1 kg.

Storage

Non-flammable product.

Store in sealed original packaging. Store preferably in a cool and dry place. Avoid extreme storage conditions.

DOSE AND APPLICATION

Effective from the first application.

Apply as soon as possible after hail damage, topping or leaf removal.

Recommended dose by application on vines: 1 kg/ha.

1st application: after hail damage, topping or leaf removal as long as there are enough leaves to receive the foliar application.

As a general recommendation 2 applications are recommended in order to increase vine recovery and yield.

Interval between applications around 14 days.

Dilute in water (approximately 100 - 1000 l / ha; 10 - 110 gal / acre).

LalVigne CICATRIX™ can be mixed with the main phytosanitary products (except oil based product). When mixed for the first time, run a quick test on a few plants.

LALLEMAND