



CASE STUDY: SOUVIGNIER GRIS ONE GRAPE, THREE WINE STYLES

Souvinier gris is a fungal resistant grape variety (Seyval Blanc x Zähringer), bred in 1983 in Staatliches Weinbauinstitut Freiburg. It is in the list of "Wine grape varieties authorised for production and for labelling and presentation in the wine sector" from the European commission.

It has attracted significant attention in recent years thanks to its high potential, supported by focused research. Studies describe notable concentrations of thiol precursors (Nicolini *et al.*, 2020; de Sousa *et al.*, 2025) and distinctive levels of 1-hexanol and n-hexyl acetate, as well as methyl salicylate (Roman *et al.*, 2024; Paolini *et al.*, 2023).

Methyl salicylate (MeSA)

Souvinier gris contains glycosylated precursors of MeSA, responsible for minty, balsamic "wintergreen" notes. These can be released during fermentation through glycosidase activity (Carlin *et al.*, 2019; Piergiovanni *et al.*, 2023; Roman *et al.*, 2024). This makes enzyme selection particularly relevant when shaping the wine's aromatic profile. **This is directly targeted in itinerary 3 (aroma intensity – green/balsamic).**



REFERENCES:

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www.vinievitiresistenti.it

www.piwi-international.org

www.oiv.int





3 PROFILES, 3 WINEMAKING ITINERARIES

Based on these attributes, we have developed three targeted vinification routes to emphasise different aspects of Sauvignier gris' potential.

