

Copper in Vineyards

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In organic viticulture copper is one of the only mineral products authorized by European regulations to fight against bacteria and other fungal diseases. The studies show that copper replacement is not an option in the short term. Only dose management helps limit intake.

For this mini-review discusses the use of copper in organic viticulture, its advantages and disadvantages, and a few reasons why we should think well before importing it into our vineyards. We have also reviewed and compared the use of Cu in chemically-treated and organic vineyards; Which is a very relevant topic today. Cu is also reviewed in relation to other pesticides.

Since the 1950s, vines have been among the crop plants that are most heavily treated with pesticides. Quite often, chemical pesticides are sprayed prior any disease in fields as an insurance or a proposed practice of protection, even if this could alter the defence mechanisms of the plant on the long term.

References:

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