

Herbicide effect of different organic compounds to control *Conyza bonariensis* in vineyards

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The control of weeds under the crop row is one of the major issues in organic vineyards. In this scenario, one of the most noxious weeds is ***Conyza bonariensis***, very difficult to control, specially if drip irrigation is also present



Furthermore, the continuous use of non-selective herbicides (i.e. glyphosate) has favored the appearance of herbicide-resistant biotypes

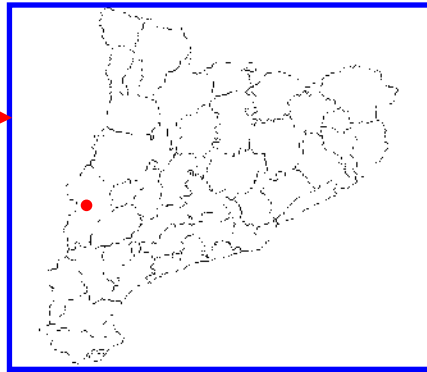


The most frequent weed management practice in organic vineyards in Raimat (Lleida, Spain) is mechanical cultivation under crop rows, but these practices cause damages in young vineyards and affect the soil quality by increasing erosion.



To obtain a good control, it is necessary frequent interventions along the season (between 3-4 per season)





Raimat vineyards
Lleida, Catalonia, Spain



Objective: Evaluate the efficacy of different organic and inorganic compounds to control *Conyza bonariensis* along the vine rows.

February 2019 before application



February 2019 after application

Effect of Bioherbicide A



Effect of Bioherbicide B



Effect of Bioherbicide C



Effect of Bioherbicide D



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