



# CELLER\_CREDO

XAREL·LO | BIODIVERSITAT | PATCHWORK

## RATPENAT® 2018

*The exceptional character of the wine we call Ratpenat (the Catalan word for “bat”) derives from the slate soil in which the vines grow. This kind of soil, uncommon in the Penedès region, allows us to discover the nuances of the Macabeu grape variety from a previously unexplored perspective.*

Ratpenat is made using grapes from a single vineyard where the soil contains glossy slate (phyllites) and quartz riverbed sediments – an exceptional soil type in the Penedès region that lends this single-variety Macabeu wine its unique sensory profile.

The two-hectare vineyard is nestled in a small valley known as La Riera Seca, near an old riverbed. The soil has unique geological and morphological characteristics that set it apart from other Macabeu vineyards in the Penedès region. Located in the north of Piera (250 m above sea level), the vineyard is bush-trained. The vines are 30 years old.

At Celler Credo, we form partnerships with top-tier growers in the Penedès region with whom we share values and a commitment to sustainable viticulture, rooted in respect for identity, the territory and the landscape. In the case of Ratpenat, we work with the winegrower Ferran Poch.

All Celler Credo grapes are harvested by hand to ensure the excellent quality of the fruit. All our wines are produced and bottled on the property.

The must fermentation of Ratpenat 2018 takes place in stainless steel tanks on our own yeasts from Celler Credo's vineyards, an essential element for producing truly terroir wines. After fermentation, the wine is aged in barrels made of old oak for one month, then allowed to rest for six months in vats. This wine may contain natural sediments as a result of our minimal intervention.



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### Variety

100 % Macabeu

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### Bottles produced

4.877

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### Alcohol content

11 % · 750 cl

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### Total Sulphur dioxide

30 mg/l

150 mg/l is the max. permitted by the EU for organic white wines

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### Residual sugar

0,5 g/l

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### Suitable for vegans

Vegan Wine

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### Natural Cork Stopper

Cork is a sustainable recyclable material



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### EcoBottle

390 gr

Less weight, less impact on the carbon footprint

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### Organic farming



Organic Certified by CCPAE

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## Celler Credo: wines connected to nature

Ratpenat grows out of a shared commitment on the part of Celler Credo and the Granollers Natural Science Museum to defend the environment and the living creatures that inhabit it. The agreement between the partners, signed in 2013, aims to investigate the importance of this mammal in the ecosystem as an efficient insectivore and raise awareness of the key role bats play through the wines we make at Celler Credo.

Thanks to their ability to consume 600 to 1,200 insects an hour during periods of peak activity, bats are considered excellent natural predators. When integrated into the vineyard ecosystem, they become great allies for controlling insect pests. They play a particularly important role in combating the European grapevine moth (*Lobesia botrana*), an insect that lays its eggs in the skin of the fruit and bores holes in the grapes to feed. Bats, nocturnal fliers like the moth, can be an effective natural means of controlling the population of this pest.

In recent years, due to climate change and the modification and homogenisation of the landscape, the number of natural bat roosts has fallen dramatically. To compensate for this decline and provide a home for bats in the vineyard ecosystem, bat boxes have been installed on Celler Credo estates. These man-made roosts provide bats with a place where they can shelter and a base for their activity.

### Why are bats important?

Bats are the only flying mammals on Earth and the second most diverse group of mammals, with some 1,300 species. Bats are notable for their longevity (they can live for over 40 years) and for a radar system that allows them to fly at night.

They are great allies of humans and nature thanks to their ability to control insect populations and disperse plant seeds, as well as their role as pollinators and a bioindicator species. For all these reasons, bats are considered one of the most important animal groups for humanity (after bees and butterflies).



Bats are considered excellent natural predators. In the vineyard, they become great allies for controlling insect pests.



Since 2013, we have incorporated bat boxes on Celler Credo estates to provide bats with a place to roost in the vineyard ecosystem.



### BAT POPULATIONS IN DECLINE

The latest studies of bat populations show that the presence of these animals has decreased considerably in recent years due to overuse of chemical treatments and insecticides in the countryside. That's why at Celler Credo we are committed to sustainable, regenerative viticulture, based on the principles of organic and biodynamic agriculture, an approach that we put into practice in our family-owned vineyards.



### RATPENATS.ORG

Through Ratpenats.org, a citizen science platform coordinated by the Granollers Natural Science Museum, you can find information about the programme for monitoring bat species in Catalonia.



### A WINE CASE THAT BECOMES A BAT ROOST

At Celler Credo, in collaboration with the Granollers Natural Science Museum and the Ebro Delta Natural Park, we've designed a crate with a dual function: first as a wine case and second as a bat roost. For the first time, this project makes it possible to reuse wine cases by transforming them into homes for bats.

