

ENVIRONMENTAL PERFORMANCE

At **Viñedos de Aldeanueva S.Coop** we are a company committed to the environment and we work every day in order to minimize our impact.

We always involve every link of the chain, making our entire process as sustainable as possible, from the vineyards to the final customer.

These are some of the points where we are actively working to reduce our environmental impact:

- We are committed to using the treatment of sexual confusion with pheromones against the cluster moth. It is a clean control technique, and in this way, we manage to reduce the number of insecticides used. Until now, this technique is being applied in 100% of the white grape vines and in around 70% of the red vines. Our intention is that the treatment with pheromones will be used in the totality of our vineyards in the forthcoming years.

With the use of pheromones to treat the moth, we managed to reduce the use of insecticides by around **1.5 liters per Ha per year**, which in the last 3 years represented **68.565 liters** of insecticide.

- In our **Fincas de Azabache winery**, we have also implemented the Oresteo System, a pump over system that allows us to make the most of the CO₂ generated during the fermentation. It helps with energy savings, allows a higher flexibility than the traditional pump over and we can make the most of the CO₂ produced during fermentation, reusing it during the wine-making process. We achieved a saving of **24 KWh** per tank in fermentation of white and **52 KWh** per tank of red. Which represents **906 kg of CO₂** on average per year.
- During the year 2020, we have planted 20 trees in our facilities. Although its CO₂ absorption capacity can vary, it can be considered that a single tree stores about **167 kg of CO₂ per year**, so with the trees planted this year we will be able to absorb more than **3 Tm of CO₂ per year**.
- For 2021 we have approved the investment to carry out a **photovoltaic solar installation** which is intended to produce about **440,000 KWh**. This installation will allow us to reduce our electricity consumption by around 25% and therefore reduce our environmental impact.
- A part of our production is destined to the cultivation and production of organic wines. We were pioneers in this type of product, **the first bottle of organic wine marketed by the D.O.Ca Rioja was produced in our facilities**.

For us, environmental responsibility means supplying products in a way that minimizes the environmental impacts and contributes to a sustainable future, creating increasingly sustainable quality products.