## Nueces de Catamarca

# Leading Technology for a growing market

Nueces de Catamarca is a company that has been cultivating the walnut tree Chandler variety, and has become a model in Argentina due to new technology implementation in this type of plantation.

It is placed in Catamarca Valleys where our company manages 215 hectares. This is where production, packing, commercialization and export of nutshells takes place. Their size, color and high performance of the pulp is optimal.

Our walnuts stand out for their Premium quality in international markets like Dubai, Spain and Turkey.

The 2021 campaign had a record production in our company.





## **Our System ensures quality**

Automation of the process during the harvest of walnuts is a key factor to us, that is why we invest and apply technology during the harvest period and post- harvest period as well. This is how we prove to be more efficient and we gain quality in our product.

**Harvest stage:** Mechanized harvest is divided into three steps in which different specialized mechanisms are used. We have incorporated a new North American machine with a vibration system. It is used at the beginning of the harvest, when the walnut is maturing. It follows three processes in one and improves the quality of the nut by avoiding it to fall off the tree at an early stage and therefore exposing it to adverse environmental conditions.

When the harvest starts, a vibrating machine is used to make the nut fall. Secondly another machine sweeps the fruit and in the final stage, a machine collects them.

**Post-harvest stage:** At this stage, we send the walnuts to the packing sector where they are washed and cleaned. An Italian electronic machine selects them by color.





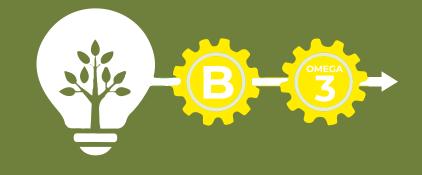
#### Drying and packing process

The product goes through quality control, a drying system with a first-class equipment, unique in our country. Then it reaches our packing which is 100% automatized with three machines that fill up bags of 10 to 25 kilograms. We update information automatically in our outline system that was implemented this year.

The quality of our walnuts is essential for our company. This is why we carry out a continuous improvement process in all our production, making logistics easier for our team and investing in infrastructure in order to adapt the installments and to ensure everybody 's welfare.

#### **Nutrition Values**

Walnuts have high energetic value, that is why they are categorized as healthy food. They are rich in protein, minerals, Omega 3 fatty acids (which contribute to balance cholesterol), and B vitamins, specifically folic acid (B9), and B6, important for the functioning of the brain and the production of red blood cells.





### **Continuamos creciendo**

**Nueces de Catamarca** grows day by day. In the present context, our challenge is to increase production by 25% for next year.

Our goal is to maintain and increase our exports by strengthening our contacts and clients worldwide. In 2021, 90% of our production went to Turkey, Arab Emirates and Spain.



**César Tello** Chief of Production and Packing

