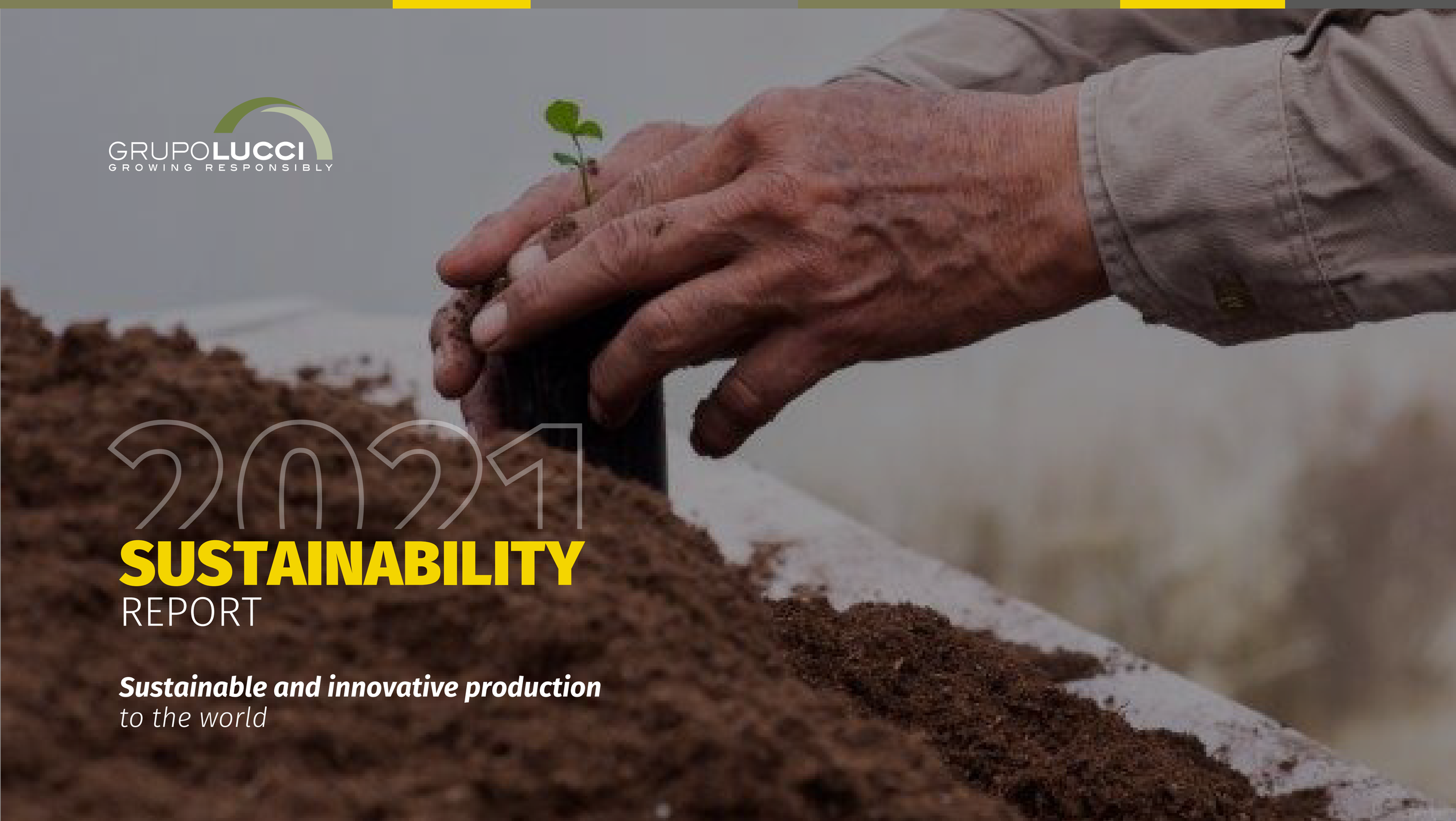
GRUPOLUCCI
GROWING RESPONSIBLY



2021

SUSTAINABILITY REPORT

Sustainable and innovative production
to the world

Grupo Lucci

We are a business group with over 60 years of experience and a strong commitment to the growth of the northwestern Argentina region. We are leaders in the production and industrialization of agricultural raw materials, lemon growing and processing and walnut production, all meant for food production to the world.



Don Vicente Private Nature Reserve. Burruyacú | Tucumán



OUR PURPOSE

—

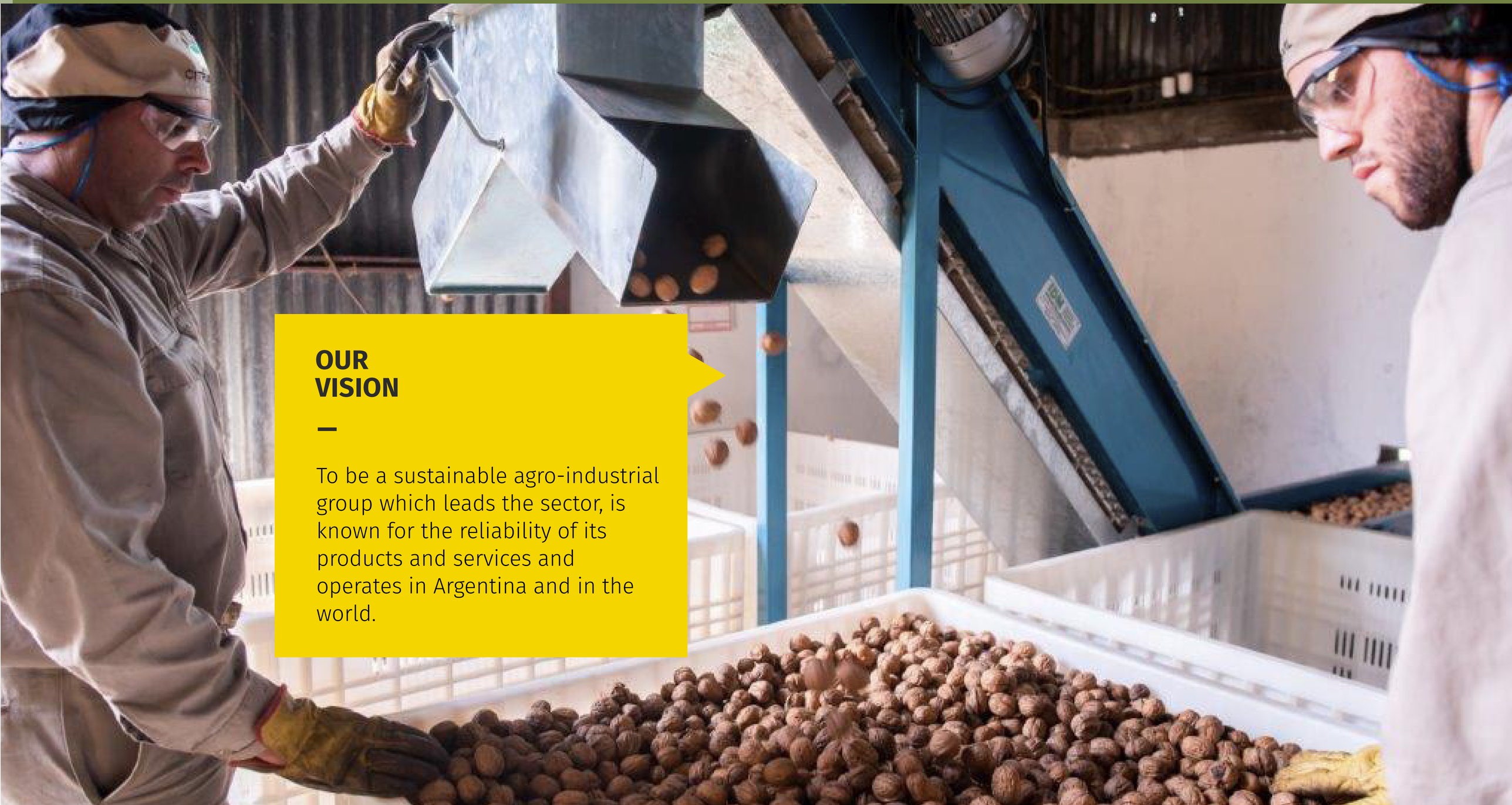
To contribute in a sustainable way to improving people's quality of life in the world by offering natural and healthy food in a responsible manner.



OUR MISSION

—

We produce top-quality agricultural and agro-industrial products and commercialize them in the world, with enthusiasm and innovation and based on sustainable processes, state-of-the-art technology and care for the environment.



OUR VISION

—

To be a sustainable agro-industrial group which leads the sector, is known for the reliability of its products and services and operates in Argentina and in the world.

Our Values

- Reliability
- Passion
- Integrity
- Leadership
- Sustainability
- Commitment
- Excellence

Our Companies

CITRUSVIL
LEMON GROWING AND PROCESSING

VILUCO
RESPONSIBLE AGRICULTURE

ENGORDAR
INTEGRATED LIVESTOCK FARMING

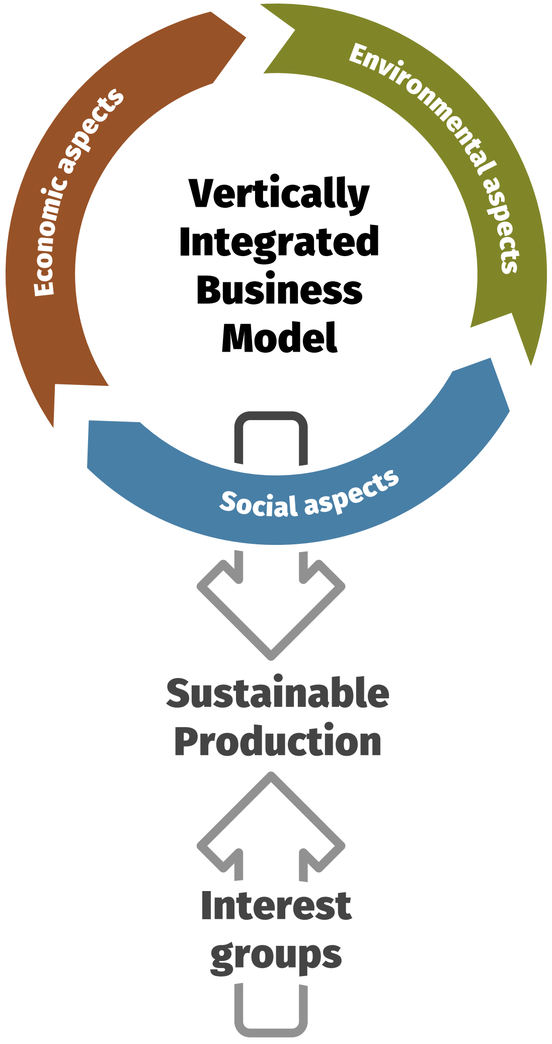
NUECES DE CATAMARCA
INTEGRATED WALNUT PRODUCTION

EL PUCARÁ
SUGAR CANE



Our Business Model

We produce healthy and safe products which meet international quality standards.



Our management is based on

- Corporate values
- Code of Ethics
- The European Green Deal and the Sustainable Development Goals
- Good Social Practices Policies
- Sustainability Policy

- We are one of the major private employers in the province of Tucumán which generates growth in northwestern Argentina.
- Our human capital, which consists of 1,400 permanent collaborators, is what sets us apart. We have increased by 60% the number of hours of training in management tools.



Priorities in our Sustainable Performance



Economic Performance

Business integrity and transparency

Citrusvil's Model of Operational Excellence

Integrated Management System

Research, Development and Innovation

Program of Sustainable Supply of raw materials

Promotion of the development of regional economies in northwestern Argentina



Environmental Performance

Circular Economy

· Integrated System of Production Zero Effluent

· Waste Management. Recycling

Water management and efficiency

Mitigation of climate change

· Comprehensive management of greenhouse gas emissions and energy efficiency

· Biodiversity conservation



Social Performance

Respect for labour and human rights

Development of talents and training courses for our human capital

Social investment

· Education
· Labour Inclusion and Entrepreneurship
· Citizen Participation

Zero tolerance to Child Labour

Open Doors Program



Finca San Rafael | **Lules** - Tucumán

La Nación Banco Galicia Award to Agricultural Excellence “Best Producer of Regional Economies”

We were granted this award due to the management of our Finca San Rafael (Tucumán), which has 871 hectares in total and 716 hectares authorized for production. Differential asset which maintains the high ecological value of its land in balance with production.

5S National Award

We were granted this award for the second time by the Japanese Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS). This time, ***we received the “Silver” Trophy of the 5S National Award for our management based on five principles to achieve more organized, cleaner and tidier workplaces, ensure performance and efficiency and improve productivity.***



CITRUSVIL
LEMON GROWING AND PROCESSING

World leader in Responsible Agro-industry

- We are one of the world's largest producers, processors and exporters of lemon and its by-products, supplying our products to more than 50 countries. We have ***23 orchards that produce about 250,000 tons of fruit.***

- At a national level, we ***lead lemon industrialization with a 22% market share. Moreover, with 22,000 tons of this fresh fruit commercialized in foreign markets, we represent 11% of Argentine exports.***

Our company grows responsibly



More than 60 years

of experience

200.000

lemon plants produced in our nurseries per year

7.800

gross productive ha

23 orchards
sustainable sourcing
80% own production.

2 Industrial plants

350.000 Tn installed capacity per year

2 Packing houses

50.000 Tn installed capacity per year

We export

to more than 50 countries in 5 continents

Sustainable Supply

Together with Bayer, we offered ***BayGAP Training Program to local producers, emphasizing good agricultural practices that contribute to sustainability in our activity***

In November, 2021, 33 people from 18 local enterprises participated in the first training session.

Click here to learn more about this initiative



We commercialize our quality products in markets around the world

We have an integrated management system which shows our commitment to food safety, quality, environment preservation and our staff's safety and health protection through the certification of the following standards:

Sedex®

ALIMENTOS ARGENTINOS
Una elección natural

FSA
BY SAI PLATFORM

THE HALAL CATERING ARGENTINA
THE HALAL CATERING ARGENTINA
كاترينغ للذبح الحلال الأرجنتين
Halal Body Certifier
thca@halalcertificationarg.com

GLOBALG.A.P.
The Global Partnership for Good Agricultural Practice

BRCGS
Food Safety
CERTIFICATED

HACCP
BUREAU VERITAS
Certification

GLOBALG.A.P.
GRASP

ISO 9001
BUREAU VERITAS
Certification

ISO 14001
BUREAU VERITAS
Certification

SGF

FDA
APPROVED

UK KOSHER

ifanca®
Islamic Food and Nutrition Council of America

ISO
ISO 45001:2018

We achieved our customer's satisfaction

90% of Citrusvil's customers described their satisfaction with our service, product quality and delivery as "Excellent" and "Very good".

We promoted local, formal and safe work

- We have a network of 21 contractors
- Over 4,500 temporary collaborators
- Over 700 suppliers, 85% of them are local
- We renewed the Union Co-Responsibility Agreement, whose aim is to make labour relations in citrus production transparent in northwestern Argentina
- We implemented biometric identification technology in the harvesting activity in order to minimize the risks of labour informality and child labour.
- We increased the number of internal audits in order to control the registration of harvesting workers.



We improved our water footprint

Through the management and investment in storage and distribution infrastructure, ***we succeeded in reducing by 1.2% our footprint; that is to say, 89,200 m3 of water.***



Citrusvil's blue water footprint is considerably below the average among the countries specified in the newsletter of the Spanish Lemon and Grapefruit Interbranch Organization (AILIMPO) in 2020.

Water footprint (Blue Footprint) m3/ton of packed fruit



Spain
155



South Africa
113



Argentina
83.4

Citrusvil
25.9

Source: : https://www.ailimpo.com/huella-hidrica/



Sustainable Production System

Over the last decade, we have reduced the consumption of fossil gas in our industries by 20% by replacing it with biogas. This represents 38,550 tons of CO2.

Since 2019, we have formed a new business unit, ***transforming biogas into renewable electric energy and providing 3 MW of power, equivalent to the average consumption of 2,500 Argentine households, to the National Interconnection System (SADI).***

After being treated, the effluent generated in our industrial activities is used for fertigation in our 600 hectares of plantations ***in order to prevent the effluent from being discharged into natural or public water sources. We are zero effluent.***



We contribute positively to reversing climate change

Due to the vertical integration of the business, Citrusvil can compensate all the emissions generated throughout the value chain. Our lemon plantations also absorb greenhouse gases and contribute to stopping climate change.

In 2021, Citrusvil had a positive annual net footprint of 62,246 tons of CO2.

We incorporated renewable energy into our operations

21% of the electricity consumed by our industrial site comes from renewable sources, representing our solid commitment to migrate our energy matrix to a model low in emissions.

We doubled the use of wind energy, from 3,151 MWh in 2020 to 6,621 MWh in 2021, thus, contributing to reducing greenhouse gas emissions by 2,984 tons equivalent of CO2.



We preserved native forests

We preserved 5,744 hectares of native forests.

We planted 300 trees of native species (Lapacho and Guayacán) in Finca Don Vicente, together with the Environment Secretariat in the Province of Tucumán.

Our forest in Finca Don Vicente, in comparison with other similar forests, stores 60% more of carbon. Measurements carried out in our orchard showed a figure of 138,6 tons of fixed carbon/hectare.

Ecosystem services assessment: Pollinators

Together with Fundación Proyungas, we carried out some research in Finca Don Vicente, which ***enabled us to conclude that forest natural areas close to lemon plantations represent a biodiversity refuge and provide our fruit with native pollinators.***



We strengthen circular economy practices

During the first year of operation of the Plastic Waste Recycling Plant, ***we managed to recycle 33% of plastic waste, producing 30 tons of pellets*** which are sold in the region as raw material for new elements, thus, creating a virtuous circle.





VILUCO
RESPONSIBLE AGRICULTURE

We promote agricultural innovation and sustainable practices

This company, dedicated to agriculture, adds value to Argentine primary production by growing mainly soybeans, corn, wheat, sorghum, cotton and legumes.

This activity takes place in 31,200 gross productive hectares in northwestern Argentina, distributed in 12 of our own fields.

8,076 certified hectares

Soybeans RTRS

Corn FSA FARM SUSTAINABILITY ASSESSMENT BY SAI PLATFORM

Our agricultural production:

- **27,000 Tn** of soybeans
- **84,000 Tn** of corn
- **2,000 Tn** of black beans
- **6,600 Tn** of wheat
- **235 Tn** of chickpeas
- **450 Tn** of cotton

Good Practices for sustainable agriculture

Service crops: implemented to protect soil from water erosion, improve its fertility and control pests and weeds.

Selective spraying: with the incorporation of the Weedit System, ***we managed to reduce the use of agrochemicals by 60% per hectare.***

We managed projects for **climate change mitigation.** ProCarbono is a study that we intend to carry out during the next 3 years in order to ***measure soil carbon fixation in our crops.***





ENGORDAR
INTEGRATED LIVESTOCK FARMING

Integrated livestock farming and animal welfare

This livestock company is dedicated to breeding, pastoral rearing and fattening in feedlots. We produce for the Argentine domestic market. ***We have 34,000 heads of cattle in rotation, distributed in 5 agricultural-livestock establishments and two feedlots. They are located in 32,000 gross productive hectares in Tucumán, Santiago del Estero and Catamarca.***

We sold over 15,000 heads in the regional market, which turned us into livestock leaders in northwestern Argentina.

Herd with 550 breeding cows: development of genetic nucleus, future fathers and elite mothers.

Our own fodder production:

- **Corn silo**
- **Cane**
- **Sorghum**

We carry out good practices of animal welfare

Animal transportation, facilities repair and adjustments, mineral vitamin supplementation, biotypes selection, balanced nutrition and natural shadows.

Biofertilizers

We use manure as productive input, thus, making the most of the organic matter, phosphorous and nitrogen we distribute in our lots, which are key nutrients for extensive agricultural production systems since they improve soil.





NUECES DE CATAMARCA
INTEGRATED WALNUT PRODUCTION

Quality walnut production and production efficiency

This company is dedicated to growing walnuts (Chandler variety) and producing and exporting walnuts in shell.

Located in the valleys of Catamarca, at 1,150 meters above sea level, we supply the world with a top-quality product which is characterized by its high pulp yield, optimal size and colour. We have 215 gross hectares of walnut plantations and 65% of them are currently productive.

Quality production from its origin: we reach high productivity and quality standards due to the fact that our plants come from certified nurseries and we carry out a sustainable production management.

- **State-of-the-art technology:** our harvest is 100% mechanized and we have state-of-the-art technology, including vibration, sweeping and collection machinery, which gives us greater coverage and speed and enables us to achieve optimal quality standards.

- **Commercialization:** we export 400 tons to Arab Emirates, Türkiye and Spain.



EL PUCARÁ
SUGAR CANE

We produce sugar cane in a sustainable way

This company is dedicated to producing sugar cane and commercializing sugar.

With the exploitation of three orchards, we have 2,000 gross hectares planted in total, distributed in Tucumán and Salta.

We develop comprehensive production processes with guaranteed quality certifications and responsible practices. We adhere to the environmental management protocol by harvesting and managing Sugar Cane Harvest Residues (RAC) without using fire.

160.000 Tn
of green
harvested cane

GLOBALG.A.P.
The Global Partnership for Good Agricultural Practice



FUNDACIÓN
VICENTE LUCCI
EDUCATING IN VALUES

Social Investment

Since 2003, through Fundación Vicente Lucci, we have channeled our social capital acts based on three pillars which affect Grupo Lucci's rural communities of influence.

- ***Education***
- ***Labour inclusion and Entrepreneurship***
- ***Citizen participation***

If you want to learn more about Fundación Vicente Lucci, please click here.

Important actions in 2021

> **Scholarship Program: BBVA Financial Inclusion**
For 11 years, we have been working to reduce school dropout, absenteeism and repetition rates as well as improve young students' performance at school.

Over 100 students from Barrio Aeropuerto, a community next to our industrial plants, have managed to complete their studies thanks to our scholarship program.

In 2021, the program became 100% digitalized, making management and administration easier to the 18 beneficiaries.

We carried out this activity together with: Escuela Secundaria del Barrio Aeropuerto

BBVA



Important actions in 2021

> Updating course for rural teachers

We accompanied 92 teachers of Grupo Lucci's influence schools in their professional updating. During three sessions, the teachers strengthened their knowledge regarding new educational challenges.

We carried out this activity together with:

ARCOR · CREA · UNSTA Universidad del Norte Santo Tomás de Aquino · Clúster Tecnológico Tucumán

> Training course for rural entrepreneurs

We worked with 128 rural entrepreneurs during three sessions in order to enhance their skills.

We carried out this activity together with:

UNSTA Universidad del Norte Santo Tomás de Aquino · Ecosistema Emprendedor Tucumán · Universidad Nacional de Tucumán



Important actions in 2021

> **Prevention of Child Labour**

Since 2007, we have been part of the Network of Companies Against Child Labour (Red de Empresas Contra el Trabajo Infantil) of the National Commission for the Eradication of Child Labour (CONAETI) of the Argentine Ministry of Labour.

During 2021, we participated in the Citrus Association of Northwestern Argentina (ACNOA) and ***we tried to promote the incorporation and participation of companies belonging to the citrus industry in the Network of Companies Against Child Labour as well as strengthen the regional commitment to this issue.***

conaeti

RED DE EMPRESAS CONTRA EL TRABAJO INFANTIL



GRUPOLUCCI

GROWING RESPONSIBLY

Offices in Tucumán

Ruta 302, Km 7 - ZC: (T4178XAX)
Cevil Pozo, Tucumán, Argentina
(+54 381) 4515500
info@grupolucci.com.ar

Offices in Buenos Aires

Carlos Pellegrini 1163
3º Piso, Oficina A - ZC: (C1009ABW)
Buenos Aires, Argentina
(+54 11) 43283534

You can read our complete report at:

*www.**grupolucci**.com.ar*