Sustainability Report 2024

Towards sustainable fruit production





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Industry Sustainability Indicators



I. Introduction

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Towards sustainable fruit production





I. Introduction

Our industry has always faced important local and international challenges, yet has continually adapted to compete in the most far off and demanding markets.

This adaptability has been the result of support industry development policies and, most importantly, our people: agricultural workers who learned farming techniques and transformed them into traditional knowledge, and several generations of professionals who have played a decisive role in the prosperity of our fruits.

In recent decades, we have seen major changes in fruit production conditions and the markets where it is sold, including our own local market. Our industry has witnessed the emergence and intensification of several trends, including concern for the environment, preferences for "natural" (with minimal transformation and intervention) or locally grown foods, reduction of food loss and waste, food safety as a minimum to compete, and renewed ethical standards, with worker and community well-being at the heart of the debate.

Our fruits competes globally in these conditions. What is produced is no longer the only relevant factor; today, how it is produced is even more valuable. In this context, Frutas de Chile took on the challenge of leading the industry's sustainability efforts. It has done this by defining the key issues, gathering evidence and developing a powerful, coherent narrative regarding the fruit export sector's relevance to the development of the country and its communities, and its medium and long-term commitments to environmental protection, preservation and regeneration.

The outcome of these efforts are proudly presented in this document: The Chilean Fruit Export Industry's First Sustainability Report, which was designed and prepared based on four principles.

PRINCIPLES

Gradualness

Starting with the basic elements included in the first industry report and moving towards more complex reports.

Simplicity

Creating no new standards to avoid adding to companies' administrative and management load.



Harmonization

Using methodologies and metrics from other local and international standards.



Comparability

Responding to companies' concerns and need for metrics to compare their performance in priority elements and to show to buyers.







Against this backdrop, the challenge for companies in preparing this report was administrative rather than managerial or operational in nature. It involved organizing and systematizing the data and information they already collect, at the farm and packing house level, for various certification programs or their main international customers' reporting requirements, which are not necessarily associated with specific certification or rating programs.

In light of the results disclosed in the Chilean Fruit Export Industry's First Sustainability Report, we still have a long way to go. This does not mean that our sector is in a bad place today but, rather, that we must redouble our efforts to increase the number of companies providing data and defining ambitious sector commitments. This will help us not only contribute to the country's environmental, social and governance (ESG) commitments but also to build a solid platform to support the industry's long-term

competitiveness and ensure that Chilean fruit is recognized globally as a sustainable product, grown and packaged with a minimal environmental footprint, maximum respect for worker safety and well-being, the greatest commitment to local development and the highest corporate transparency standard. Thus, our fruit will not only contribute to global food security, but also to the health of the planet.

We hope that this report will inspire our industry and other sectors that are pondering how to address the challenge of sustainability.

"Thus, our fruit will not only contribute to global food security, but also to the health of the planet."











Towards sustainable fruit production

The Fruit **Export Sector**



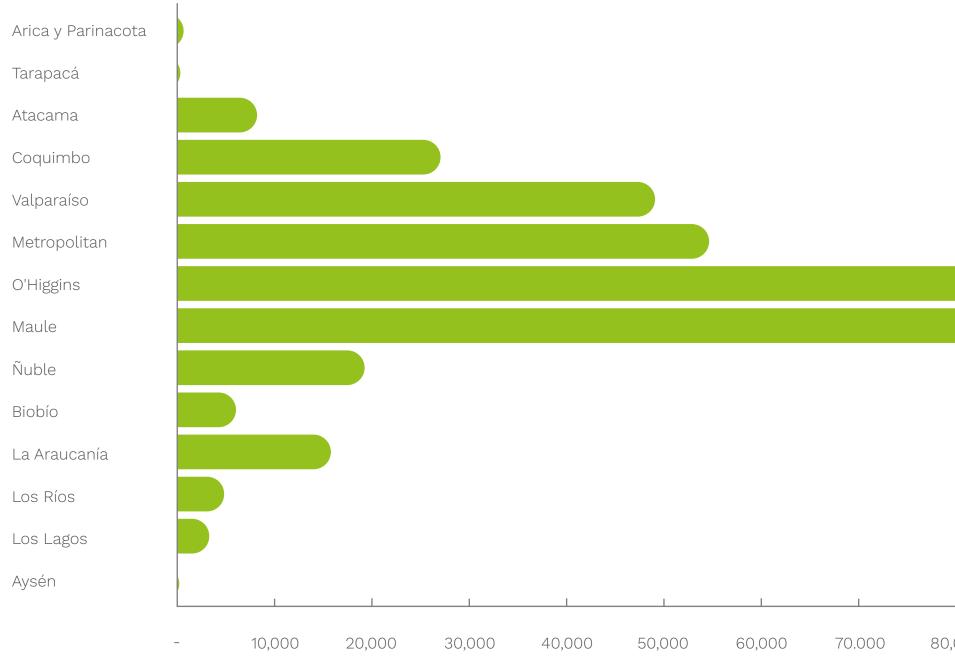


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The Fruit Export Sector

2.1 GEOGRAPHICALLY DIVERSIFIED, EXPANDING BUSINESS

Orchard Surface Area by Region, Year 2022





90,000 100,000 80,000







Evolution of Orchard Surface Area



	2012	2021	2022	Change 2022/2021
		Hectares (ha)		(%)
Cherries	13,642	48,961	61,559	25,7%
Walnuts	17,004	43,735	46,232	5,7%
Table grapes	53,850	43,104	43,025	-0,2%
Hazelnuts	5,722	24,456	36,393	48,8%
Avocados	36,386	32,364	32,387	0,1%
Red apples	28,230	25,743	23,992	-6,8%
Olives	15,110	21,364	21,141	-1,0%
American blueberries	12,450	18,216	17,822	-2,2%
European plums	12,511	12,451	12,530	0,6%
Mandarin oranges	3,629	11,194	11,184	-0,1%
Almonds	8,549	9,387	9,401	0,2%
_emons	7,103	8,038	8,081	0,5%
Nectarines	5,348	6,479	6,624	2,2%
Oranges	7,837	6,371	5,362	-0,1%
Kiwifruit	11,198	6,973	5,315	-9,4%
Other	47,784	34,135	32,552	-4,5%
Total	286,308	352,970	375,598	6,4%





2.2 ACTIVE CONTRIBUTION TO NATIONAL AND LOCAL DEVELOPMENT

Relative Contribution by Forestry, Farming and Livestock Industries to GDP



First Sustainability Report 2024



15% Forestry



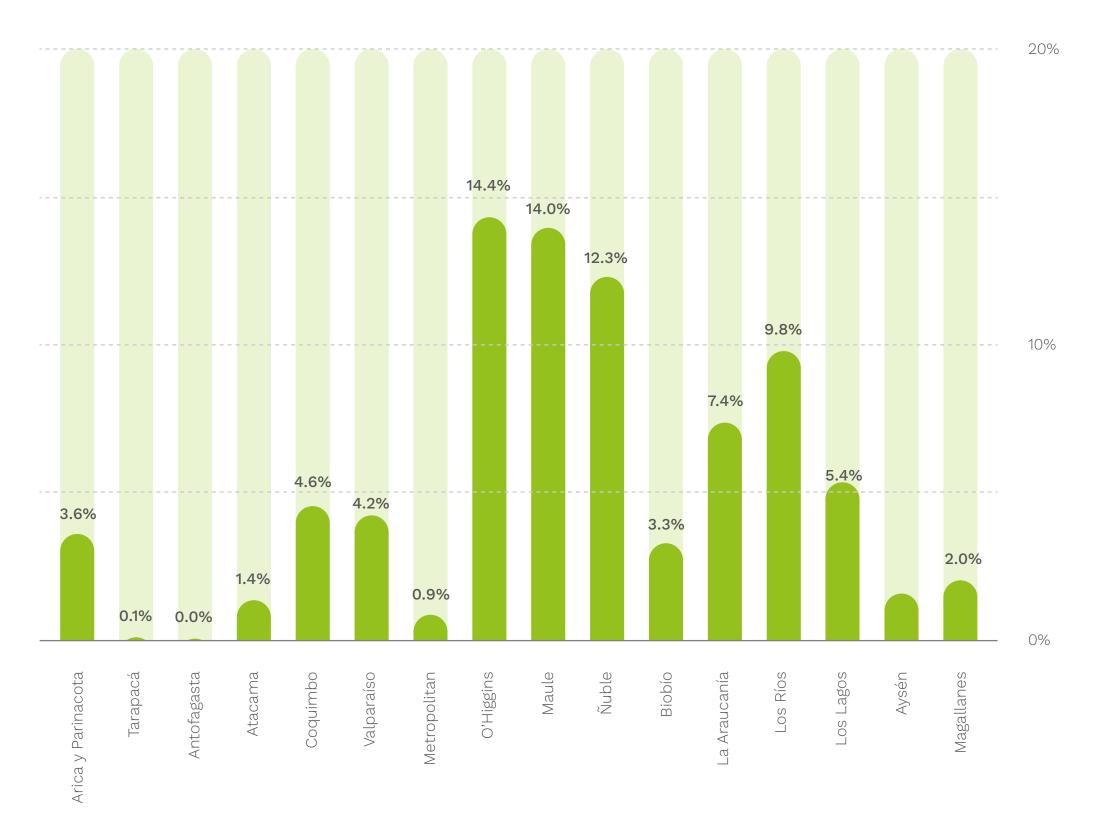
Livestock

15%









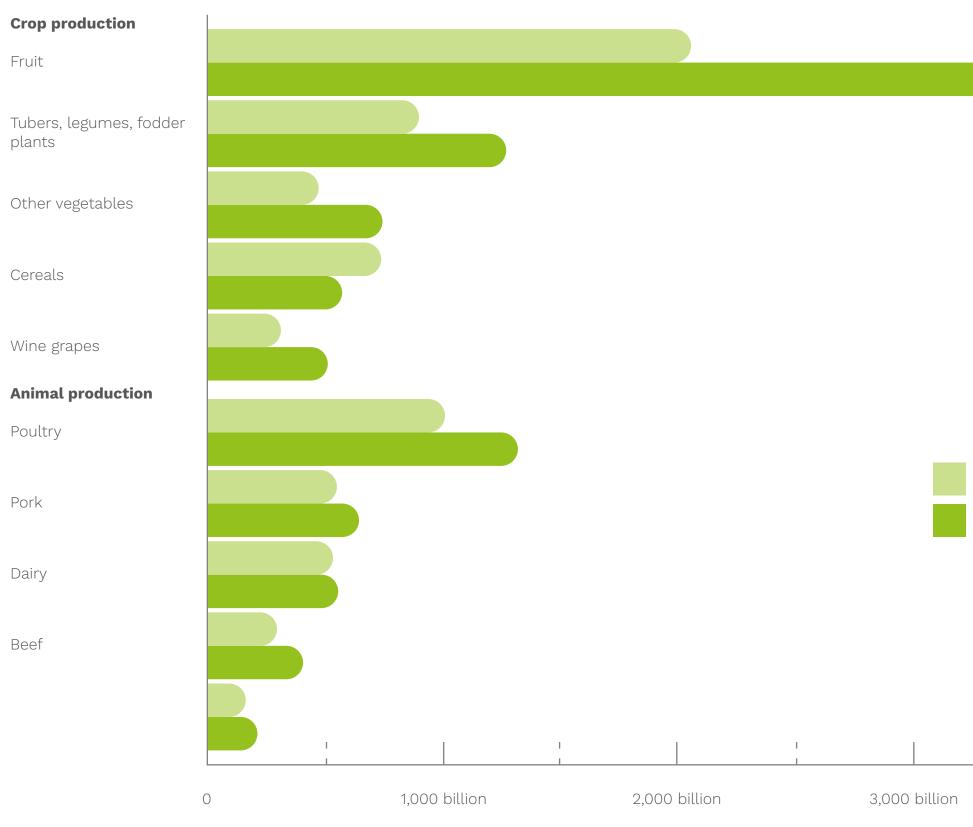
GDP Share of Forestry, Farming and Livestock Industries by Activity at current prices, year 2022

Source: ODEPA with data from the Central Bank (May 2023).





Gross Value of Production



Current Chilean pesos

Source: ODEPA with data from the Central Bank (May 2023).

	2013	2018	
	In billions of current Chilean pesos		
Crop Production			
Cereals	737	565	
Tubers, legumes, fodder plants	897	1,268	
Other vegetables	476	746	
Wine grapes	312	513	
Fruit	2,053	3,478	
Animal Production	·		
Beef	297	404	
Pork	548	640	
Poultry	1,005	1,321	
Dairy	536	552	
Other	161	214	
Total (crops + animal)	7,061	9,702	

4,000 billion

2013

2018





Evolution of Fresh Fruit Export Matrix (metric tons exported of selected products)



Source: Prepared internally using data from FAOSTAT and Frutas de Chile.

Evolution of Fresh Fruit Export Volume and Value

Source: Prepared internally with ODEPA data





III. Sustainability for Frutas de Chile

Towards sustainable fruit production





III.

Sustainability for Frutas de Chile

The pressure on the agri-food sector in general, and export fruit production in particular, to be more sustainable comes from a powerful combination of changing social demands, consumer behavior, policy decisions and the requirements of major export fruit customers. In addition, there is greater concern for the fruit industry's legal and social responsibilities to care for and preserve the environment for future generations, and a better understanding of the importance of the environment to produce healthy, nutritious fruit. Thus, moving towards **sustainable** fruit production should meet the current needs and priorities of Chilean society and benefit the country's international positioning.

The fruit export sector will derive a long-term competitive advantage from demonstrating that it complies with the highest sustainability standards, making it a benchmark in this area. To achieve this ambitious objective, the Chilean fruit export sector will have to make important changes. This will require a coherent policy framework and a culture of innovation and continuous improvement throughout the fruit value chain.

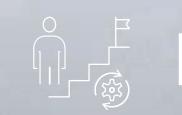
The strategy for the fruit export sector identifies actions to make the industry more diversified, resilient and sustainable. Since more than 60% of the country's fruit production is exported, we must continue to push a policy of further diversifying export markets and developing new high-value markets. The next objective will be to boost the value of as much Chilean fruit as possible and guarantee that this higher value is shared throughout the value chain.

"It will require a coherent policy framework and a culture of innovation and continuous improvement throughout the fruit value chain."

The sector's strategy has been developed in a broad, complex and rapidly evolving context. Key issues that will shape the next decade include people and their social context: water and natural resource use: health and nutrition; and innovation, competitiveness and human capital. The shifting political environment and the international social and political agenda will shape the sector's opportunities and challenges over the next decade.

In this framework, sustainable fruit production must be profitable at all times (economic sustainability), have broad benefits for society (social sustainability) and have a positive or neutral impact on the natural environment (environmental sustainability). The sector's strategy establishes **three priorities** that must be met to develop such a system in our country.

PRIORITIES



Ecosystem Challenges

A fruit sector that understands and acts to meet the challenges posed by the ecosystem (social, political and environmental).



Valuation

Products that are safe, nutritious, attractive, reliable and valued in domestic and international markets.



Technology and Human Capital

An innovative, competitive sector, driven by technology and human capital.







Towards sustainable fruit production

IV. About This Report

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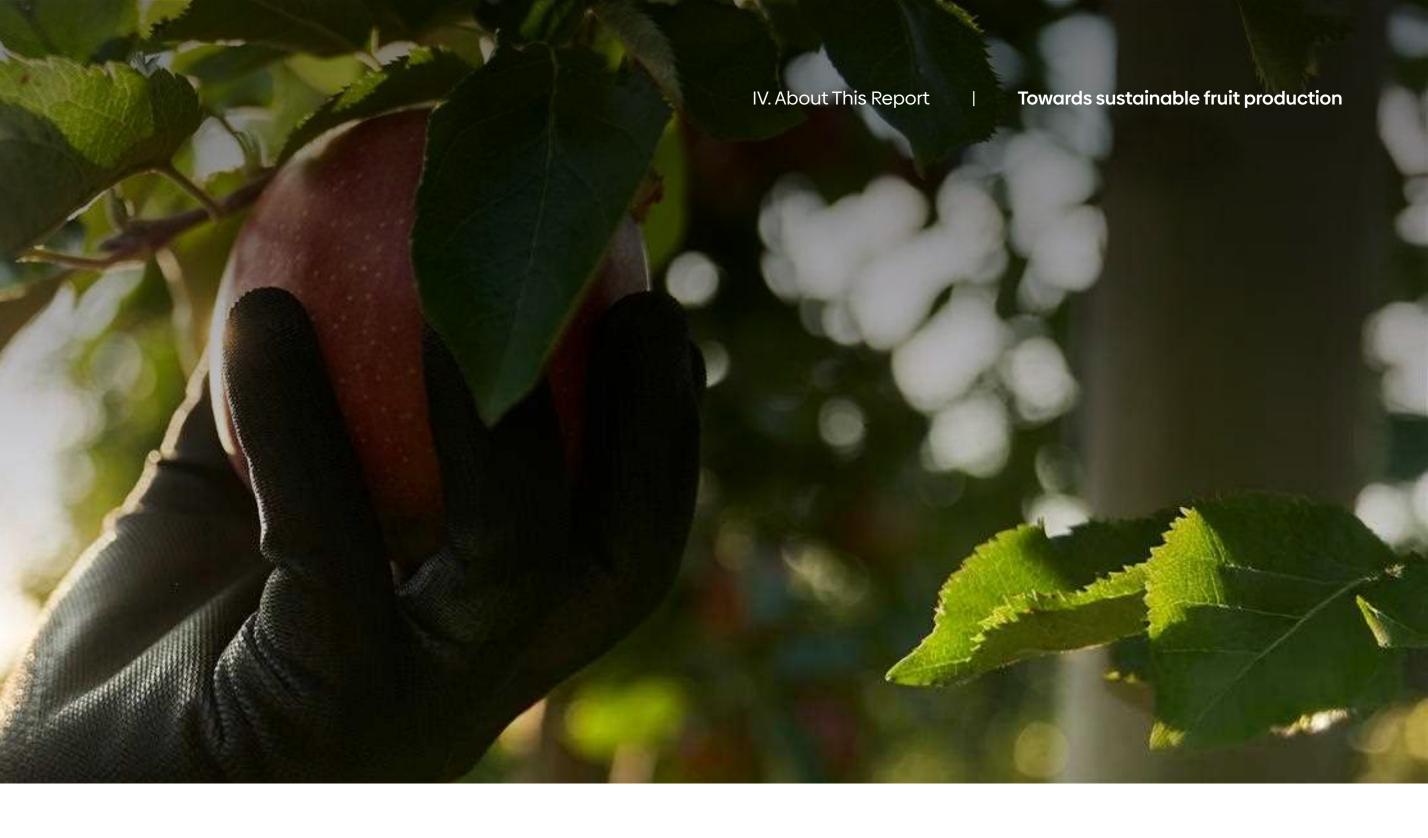
"Moving in this direction requires a fruit sector that understands and acts to meet the challenges posed by the social, political and environmental ecosystems."

IV.

About This First Industry Sustainability Report

As part of an ongoing industry effort, the industry worked for six months in 2020 to develop its "2030 strategy." This is the fifth fruit sector strategy implemented since 2006, and was developed by a wide range of interested exporters and growers from across the sector, as well as various industry suppliers. While 2030 strategy is directly based on prior strategies, it represents a major shift in the industry's course towards sustainability, reflecting the expected context for the next decade.

The 2030 Strategy considers sustainability a concrete challenge: we must move quickly toward productive activity that has a positive or neutral impact on the



environment, produces broad benefits for people and, simultaneously, is economically viable at all times.

To move in this direction, the fruit sector must understand and act to meet the challenges posed by the social, political and environmental ecosystems, committed to offering safe, nutritious, attractive, reliable and valued products in domestic and international markets, and that is innovative and competitive, driven by technology and human capital.

Based on this analysis and reflection, Frutas de Chile joined forces with Fundación para el Desarrollo Frutícola (Fruit Development Foundation or FDF) to create a Sustainability Working Group and a Social Sustainability Working Group, made up of industry professionals working directly in sustainability.

These groups of professionals worked throughout 2021 and 2022 to define the priorities that Frutas de Chile should promote industry-wide and highlight different proposals for action.





Objective	Proposals for Action
Prepare an industry sustainability report	 Develop a farm and packing house sustainability report for internal use that proindustry benchmark of the main components of sustainability and information f management. Develop a sustainability report for external distribution that outlines the sector' sustainability vis-a-vis public or private requirements and its yearly progress, ar UN Sustainable Development Goals (SDGs). Organize activities for sector companies to exchange experiences and share goo practices among Fruta de Chile member companies. Design and implement a plan to distribute the industry's sustainability report ar the communications plan for industry positioning.
Reduce water consumption and GHG emissions by farms and packing plants.	 Develop and implement a management plan to reduce water consumption and by farms and packing plants. Measure water consumption and GHG emissions. Establish industry-wide targets and propose technological and management me achieve them. Estimate Water Footprint and Carbon Footprint at industry level.
Optimize the use of plastics on farms and in packaging materials	 Perform industry-level diagnostics and identify gaps with market requirements. Design and implement circular economy plans (sustainability enabler). Encourage and support the development and use of new containers and package contribute to industry sustainability.
Promote links between exporting companies and their social ecosystem.	 Raise awareness of actions that companies carry out in their communities. Systematize information and organize industry-wide dissemination activities (ex experiences) and external communication channels with a local focus, in coordi strategic pillar of Image and Communication.
Take action on water efficiency and rural drinking water solutions	 Intervene in the diagnosis, set up and maintenance of rural drinking water syste Conduct courses and dissemination and training activities (OTIC and OTEC). Define and implement a model for financing and operating through the Food Export FDF. Conduct a series of seminars and lectures on water efficiency (focusing on intercustomers' sustainability requirements).
Support community development	 Develop and strengthen ties with local stakeholders (companies, suppliers, asso and local authorities (municipality, GORE, CORE). Design and implement relevant proposals for action (legal authorizations, suppo small business, horticultural specialization courses, etc.).

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GHG emissions

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Export Council and

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sociations, etc.)

port for local

52

Fruit packing plants

145

Orchards

Following this effort to prioritize issues, the Sustainability Working Group developed a selfassessment instrument, which was applied between October 2023 and March 2024.

This instrument was based on data from the 2022-2023 growing season, collected from 52 fruit packing plants, representing 45% of the fruit processed during the season, and 145 orchards, representing 15.5 thousand ha of orchards nationwide.

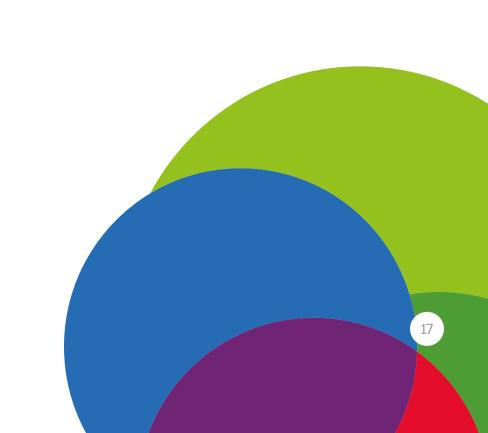
15.5 thousand

hectares of orchards nationwide

of fruit processed during the season

45%

The instrument is now the basis for the industry's first Sustainability Report. Although it will need to be continuously reviewed, updated and enhanced, it was designed to be flexible enough to not burden companies in the sector with additional demands for information beyond standards or certifications. Instead, it seeks to gather information that companies are already reporting in one of the various certification programs in which they participate.





V. Our Approach

Towards sustainable fruit production





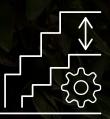


Sector baseline





Capacities



Gaps

Commitments

VI.

Our Approach

To address the challenge of moving the fruit export sector towards sustainability, Frutas de Chile has adopted an approach based on identifying the sector's baseline (environmental, social and transparency), establishing sector commitments and detecting and closing gaps. All this work is closely monitored and relies on the right technology to ensure the progress of the industry, as a whole, towards sustainability, which will be reflected in **periodic industry sustainability reports**.

Figure 1. Approach adopted by Frutas de Chile.







Towards sustainable fruit production

VI. Our Current Situation

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VI.

Our Current Situation

To establish a starting point and the industry's current situation, Frutas de Chile conducted a baseline study using primary and secondary information to estimate the sector's environmental and social footprint. This study is an integral part of this First Industry Sustainability Report.

It revealed, for example, that the industry's national average water footprint is 368 liters per kg of fruit processed (considering water consumption in orchards and fruit packing plants). Similarly, the industry's carbon footprint was estimated at 0.82 kg of CO² equivalent per kg of fruit exported, with variations among the different species, potentially explained by the means of transport used, as air transport contributes a higher carbon footprint than maritime shipping.

As for the industry's economic and social footprint, the study concluded that fruit production contributes significantly to GDP and employment in a large number of regions in the country (unlike other natural resource-based industries). Likewise, it identified that rural communities with greater fruit production have a lower multidimensional poverty rate than areas with less intense fruit production, which is a reflection not only of its contribution to employment, but also to production chains and the need for support services.

> **Check out our** baseline study here 🟒

In addition, Frutas de Chile joined forces with Fundación para el Desarrollo Frutícola (FDF) and several member companies on the Sustainability Committee to develop a diagnostic tool to build indicators for the First Industry Sustainability Report. Collectively, the responding companies have 115 orchards (total surface area of 15,574 hectares) and 52 fruit packing plants, which processed a volume of 1,071,780 metric tons of fruit last year, representing 44.5% of fruit exported by volume. Some of the highlights identified by this tool include:

More than

WATER

At orchard level

52%

surface sources

CIRCULAR ECONOMY

The intensity of containers and packaging materials is

per metric ton of fruit Of these,

42% 30%

is recycled plastics

is recycled cardboard and paper

In the fruit packing plants, the solid waste footprint is

of organic and inorganic waste per metric ton of fruit processed

35 kg 59%

are components of a circular model

water intensity is 2.8m³ per metric ton October, November and January).

46% 77%

At the orchard level, the solid waste footprint is

of which

88%

metric tons per hectare

is organic waste





ENERGY

Energy intensity in fruit packing plants is



with

48%

of this energy from **non**conventional renewable sources.

WORKFORCE

At the orchard level, it uses

25,345 Kwh per hectare

of which

comes from electricity.

of the people employed in the fruit packing plants are seasonal workers.

During the year, the intensity of labor demand varies strongly, of the activity, reaching

of the season.

The occupational accident rate in



GOVERNANCE

have implemented **ethical-social policies** and occupational health and safety management systems.

11% are permanent employees

53%

47% are men

0.29 a 0.35

people per metric ton of fruit processed at the peak

and at orchard level is

have enacted environmental policies

have formally designated a sustainability officer and have prepared a sustainability report.

of the fruit

packing plants







VII. Our Commitments

Towards sustainable fruit production





VII. **Our Commitments**

The change in production systems required by the current environmental and social context will not occur, either in scale or in speed without mechanisms to transform the desirable attributes of **sustainable export fruit production** into economic value.

Therefore, our strategy is based on making these desirable attributes part of the fruit export sector's value proposition.

In the short term, the differentiating attributes of Chilean fruit are:

VII. Our Commitments | **Towards sustainable fruit production**



Minimal territorial impact





Minimal carbon and water footprint



Equal opportunities (gender, ethnicity, etc.) in contracting or subcontracting



Financial, fiscal and tax transparency



Respect for worker safety







Towards sustainable fruit production

VIII. The Path Forward





VIII. The Path Forward

In the coming years, the sector's efforts will focus on designing and executing initiatives to close gaps and make progress on sector ESG targets¹. It will also need to review the diagnostic instrument and foster sector participation.

In the medium term, the measurement instrument will be applied specifically for each species, which will require a new review and adaptation effort by the Frutas de Chile product committees, namely the Blueberry, Cherry, Citrus Fruit, Kiwifruit and Table Grape committees and any other new committees formed at the industry's request.

A system for monitoring and controlling sector commitments will also be designed and implemented to provide aggregate, up-to-date information on the sustainability of the fruit export sector.

¹ From the acronym for "Environment, Social and Governance"



Construct sector baseline for Environmental and Social Footprint TE

Develop a guide or protocol for measuring and recording ESG indicators in companies

Establish a Design strategy to Design and **Prepare Industry** implement initiatives Sustainability Report mechanism for communicate and to achieve sector monitoring sector publicize sector action and long-term ESG and commitments to ESG progress ESG targets targets key audiences MEDIUM-TERM (2024-2027) LONG-TERM (2026-2030)

SHORT-TERM (2022-2023)

Today, the fruit industry has vast experience and capacity and greater clarity regarding the challenges and opportunities in its ecosystem (local and international); it is also a more competitive industry with better development prospects than in past decades. For these reasons, the vision of an industry that generates prosperity for growers and exporters, as well as for surrounding communities and ecosystems, is a vision worth sharing.

As we enter the next decade, this will help the industry boost the value its produce, that is, to produce more and better (from an environmental and economic point of view) and to help create jobs (direct and indirect), thereby contributing to poverty reduction and regional development. This vision, however, requires work and collaboration from multiple agents, not only those directly linked to fruit production and exports, but also other public and private agents that act directly and indirectly in the value chain and in the national agri-food system at large. This coordinated effort must also be **a shared action, which will help mobilize resources and willpower to continue moving towards sustainability** and lay the foundations for the fruit industry's competitiveness in the future.





Roadmap	ENVIRONMENT		SOCIETY		GOVERNANCE	
SHORT-TERM (2024-2026)	Enhance mechanism for measuring carbon footprint (scopes 1 and 2)	Reduce CO ² eq in fruit packing plants and orchards (scopes 1 and 2)	Promote inclusion and diversity in fruit packing plants and orchards	Establish industry-wide commitments to full implementation of human rights at work	Promote the creation of corporate social-ethical policies	Promote the creation of environmental policies at company level
	Increase recycled content of material used at fruit packing plants	Decrease energy intensity in fruit packing plants and orchards	Promote regular and safe migration programs for the agricultural sector	Disseminate and encourage adherence to the "Contractor's Decalogue"	Encourage companies to designate a sustainability officer	Assess industry suppliers customers in ESG matters
	Increase proportion of NCRE at fruit packing plants	Decrease agrochemical use intensity in orchards	Minimize occupational hazards and accidents in fruit packing plants and orchards	Promote the new framework of labor competencies for the agricultural sector	Transparent public relations activities at trade unions	Increase company participation in industry ESG reporting
	Increase technified irrigation in orchards	Survey companies' frameworks of action for certifications with an environmental focus	Survey companies' frameworks of action for certifications with a social focus		Survey companies' frameworks of action for certifications with a governance and transparency focus	
MEDIUM-TERM (2027-2030)	Implement "zero waste" programs at fruit packing plants	Include the supply chain in carbon footprint measurement programs	Promote the statute for seasonal agricultural workers	Encourage and formalize social engagement programs and initiatives carried out by companies	Industry-level ESG reporting	Company-level ESG repor
	Design and implement circular economy programs at fruit packing plants	Promote water recycling and reuse at fruit packing plants	Establish monitoring and follow-up programs for inclusion initiatives in fruit packing plants and orchards	Ensure full implementation of human rights at work	Promote responsible business practices at the industry level	Define and adopt ESG standard for industry reporting
	Strengthen the use of integrated sector climate data platforms (RAN and Geomatika)				Create a platform for recording and monitoring ESG indicators at industry level	Full company representat in industry ESG reporting
LONG-TERM (2030-2050)	Design industry strategy for protecting and conserving biodiversity	Carbon neutrality in fruit packing plants and orchards	Promote companies' full integration in local development			based on ria at the ESG reporting

f at the ers and ers

borting tation ng







IN SHORT...

Although we are not yet where we want to be, our industry recognizes that positive, sustainable change takes time. As a trade association, Frutas de Chile, our members and our people take responsibility for continuously improving our indicators and making progress towards our goals in this area. We know that we will be evaluated by our actions and the results we achieve, not just by our words.

"Our industry recognizes that positive, sustainable change takes time."





IX. Acknowledgments

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IX.

Acknowledgments

We are especially grateful for the contributions of Fundación para el Desarrollo Frutícola and AGROCAP.

Fruit Packing Plants

- Hans Leibbrandt, Agrícola Monfrut Ltda.
- Betty Contreras, Comercial Greenvic S.A.
- Pía Castañeda, Comercial Greenvic S.A.
- Alba Llavona, Copefrut
- Nicolás Damm, Comercial Río Blanco
- Robert Stuart, Comercial Rio Blanco
- Johanna Espinoza, David Del Curto S.p.A.
- Tamara Salazar, David Del Curto S.p.A.
- Andrés Delgado, Dole Chile
- Javiera Maurens, Exportadora e Inversiones Agroberries SpA
- Gabriel Correa, Exportadora Agua Santa
- Marisol Valdivia, Exportadora Atlas S.A.
- Rita Rojas, Exportadora Unifrutti Traders S.p.A
- Alfredo Barriga, Exportadora Unifrutti Traders S.p.A
- Marcelo Bavestrello, Exser Ltda.
- Marjolaine Ducaud, Fresh Del Monte
- Gloria Vidal, Frutera San Fernando
- Rodrigo Pérez, Frutera Aguas Blancas Ltda.
- Pia Walker, Hortifrut

- Daniel Benavides, San José Farms
- Fabienne Laneri, Jorge Schmidt y Cía.
- María Eugenia García-Huidobro, Prize
- Italo Vega, Polar Fruit
- Marcela Iturrieta, Rio King
- Luis Maino, Santa Elena
- Andrea Araya, Subsole
- Karina Neira, Subsole
- Magali Adasme, Subsole
- Constanza Lyon, Verfrut
- Jaime Marin, Vitafoods
- Alison Rifo, Westfalia Fruit Chile
- Daniela Dall'Orso, Westfalia Fruit Chile

Frutas de Chile would like to thank everyone who helped prepare this report, dedicating time, knowledge and experience for the benefit of Chile's fruit export industry.







Orchards

- Carolina Briones, Soc. Agr. El Alamo
- Berner Riffo, Soc. Agr. El Alamo
- Valentina Peñaloza, Garcés Fruit
- Luis Delgado, Soc. Agr. La Primavera
- Constanza Lyon, Soc. Agr. El Porvenir
- Cupertino García, Frutícola Viconto
- Sociedad Agrícola Copequén Ltda.
- Andrés Delgado, Inversiones del Pacifico
- Claudio Campillay, Soc. Agr. Agroking
- María Teresa Pérez, Agrícola San Agustín
- Andrea Araya, Agrícola Los Terrones







Towards sustainable fruit production

Industry Sustainability Χ. Indicators

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Χ.

Industry Sustainability Indicators

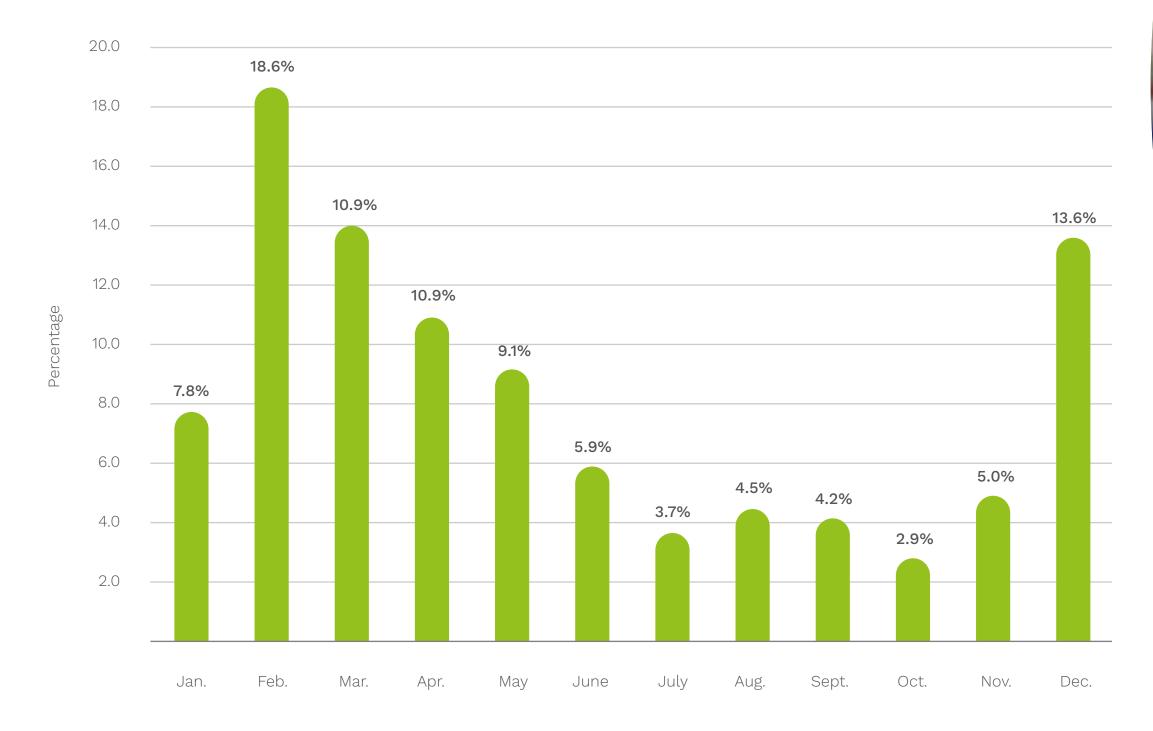
10.1 FRUIT PACKING PLANTS

10.1.1 SUPPLY CHAIN

Of the reporting packing plants, 11% exclusively handle table grapes, 15% are mixed packing plants that process table grapes and other species, and 74% pack other species but not grapes.

The plants with the largest processing capacity generally pack up to five species, operating practically the whole year. One particular plant packs up to seven species. Grape packing plants generally pack only table grapes.

Monthly distribution of the volume of fruit processed in fruit packing plants



X. Industry Sustainability Indicators

GHERRIES

175

Towards sustainable fruit production







Packing plants receive fruit from an average of 64 agricultural suppliers per facility. However, 48% of plants source from 100 or more suppliers.

Number of Agricultural Suppliers	Packing Plants (%)
More than 100 suppliers	48
50 to 100 suppliers	13
10 to 40 suppliers	25
Less than 10 suppliers	13



More than 100 suppliers

Packing Plants (%) by Number of Agricultural Suppliers



50 to 100 suppliers



10 to 40 suppliers



Less than 10 suppliers



27% 63%

are small growers (less than 12 ha)

are growers with up to 50 ha of land



metric tons of containers and packaging materials.



of packaging materials per metric ton of fruit.

Type of Supplier Agricultural	Percentage Distrib (%)
Small agricultural suppliers (less than 12 ha)	27
Mid-sized agricultural suppliers (12.1 to 50 ha)	36
Large agricultural suppliers (more than 50 ha)	37

Criteria	(%)
Plastic packaging	50.2
Cardboard packaging	49.8

ution

Percentage Distribution of Agricultural Suppliers by Size



Small agricultural suppliers (less than 12 ha)



Mid-sized agricultural suppliers (12.1 to 50 ha)



Large agricultural suppliers (more than 50 ha)

These materials have the following average percentage of recycled content:

for plastics

42% 30% for paper and cardboard



35



On average, a packing plant has

certifications focused mainly on food safety

certifications per facility

social certifications per facility

Certification is not a mere administrative process, but involves an independent third-party inspection to confirm that the packing plant has taken all the measures in the certifiable protocols, which meet

international standards. Failure to comply will result in non-certification. The three most common types of certifications are summarized below:



Food Safety

These include preventive measures to maintain product safety, ensure demonstrable traceability and train people to work in a safe environment and apply the necessary preventive measures. The

most common certification for farms is Global G.A.P., which goes beyond food safety aspects. Its most recent versions feature about 40% environmental content.



Social

These require full compliance with domestic legislation, plus all necessary measures to provide people with decent work and no discrimination of any kind.



to the customer.

These refer to measures to maintain product traceability from the acquisition of raw materials through all processes until delivery











Area of Certification	Percentage (%)	Average Certifications per Facility	Range of Certificatio per Facility
Food Safety	43	2.5	1 to 4
Social Aspects	19	1.1	0 to 3
Environmental Aspects	5	0.3	0 to 2
Management Systems	19	1.1	0 to 3
Organic	14	0.7	0 to 5

Percentage (%) of Certifications by Area



Food Safety





Social Aspects

Environmental Aspects





Management Systems



Organic





10.1.2 ENVIRONMENT

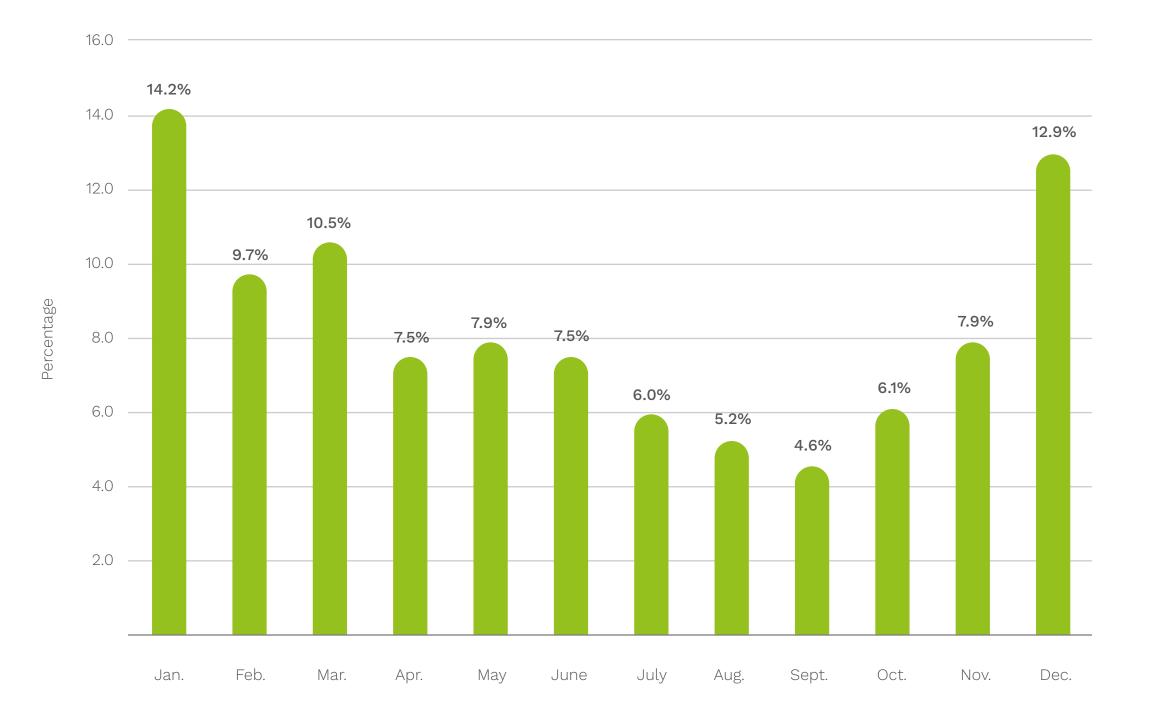
WATER

Total annual water consumption by fruit packing plants is



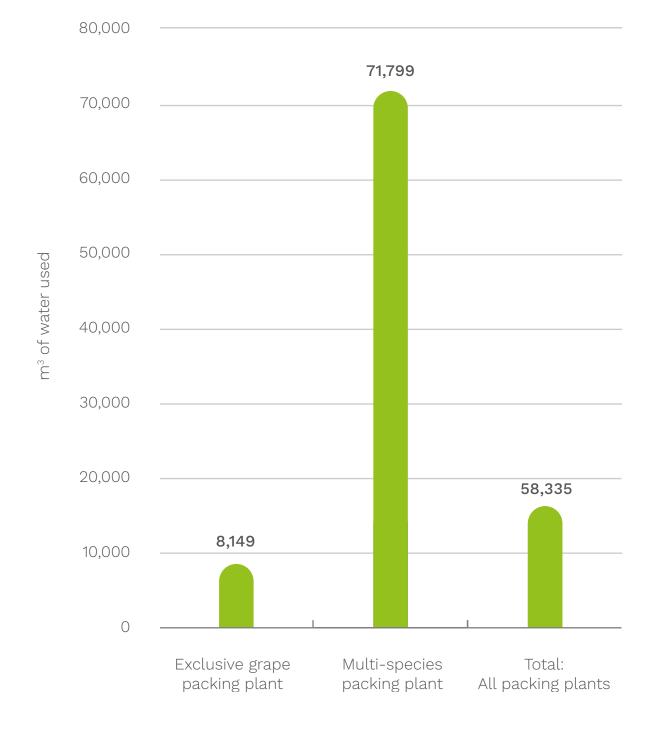
Packing plants that exclusively handle table grapes process them in dry conditions, so their water consumption profile is different from packing plants for other species.

Monthly Distribution of Water Consumption (%)

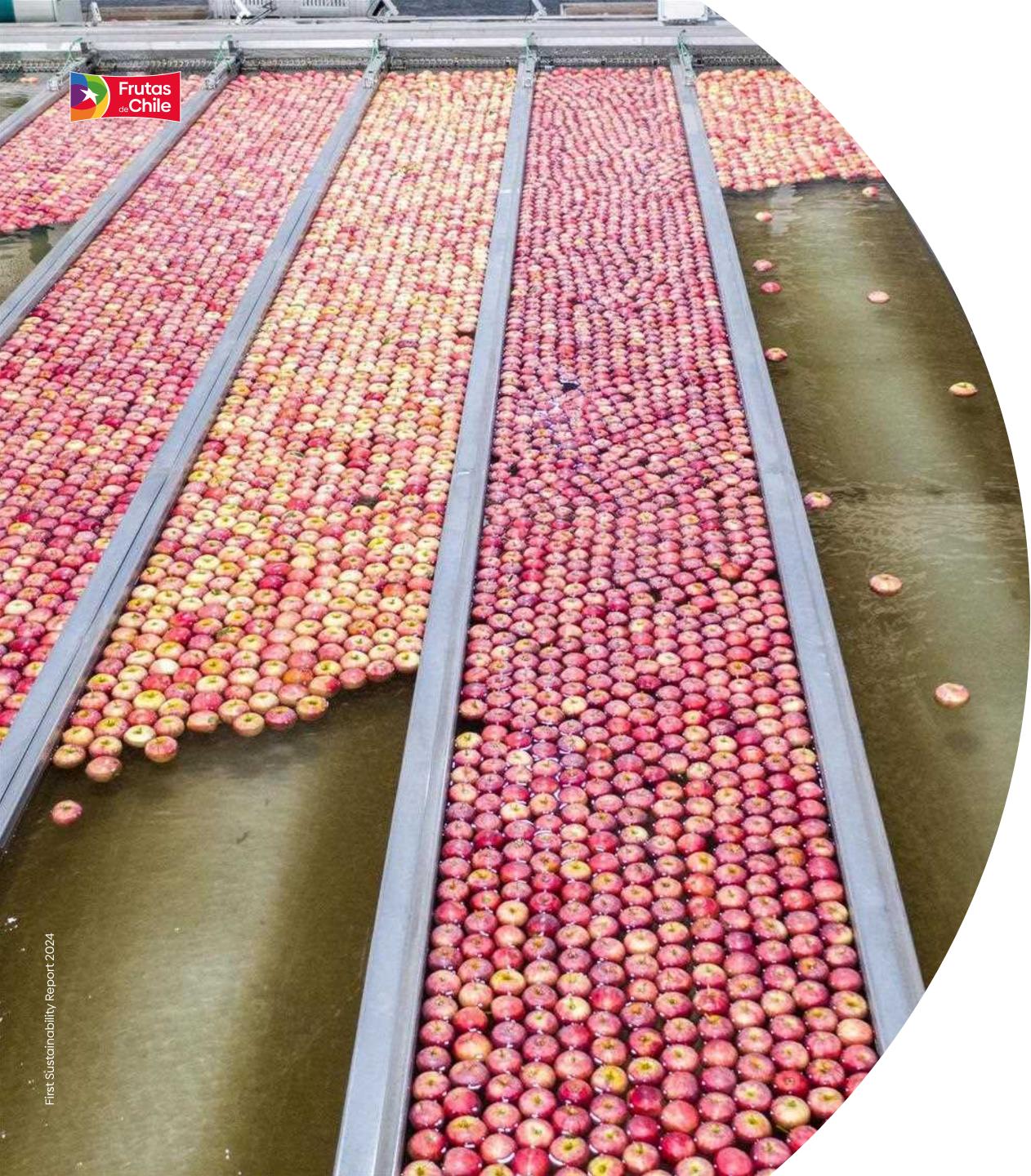


Criteria	Average Consumption per Facility (m³)	Distribution (%) per Facility
Exclusive grape packing plant	8,149	3.0
Multi-species packing plant	71,799	97.0
Total: All packing plants	58,335	100.0

Average Annual Consumption by Facility Type (m³)





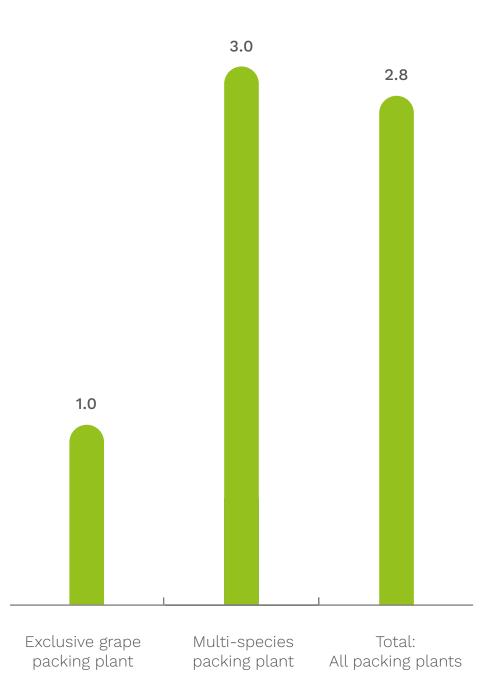


The previous figures give one an idea of the total volume of water consumed. However, the information is standardized using the concept of water intensity, or the volume of water per metric ton of fruit. This figure is

2.8 m³

of water per metric ton of fruit

Water intensity (m³ per metric ton of fruit)







ENERGY

The total energy used annually at the packing plants is

814.7 million kWh.

Total energy consumed

Energy sources

K. Industry Sustainability Indicators



Electricity:

465.2 millions of kWh

Other energy sources (oil, gasoline, gas):

349.5 millions of kWh





Distribution (%) by Energy Source, in kWh







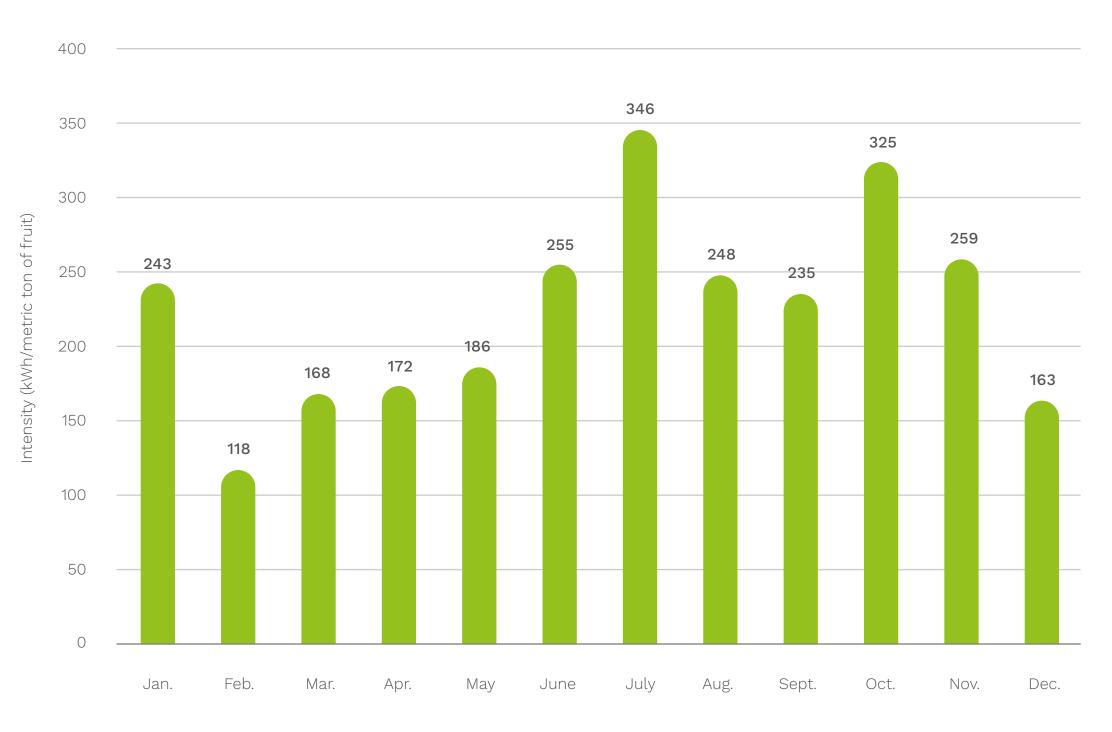


Table grape packing plants, which are seasonal in nature, have a different profile for energy intensity.

250 200 193 150 113 100 113 100 113 5

Energy Intensity (kWh/metric ton of fruit)

Monthly Energy Intensity per Packing Plant (kWh/metric ton fruit)



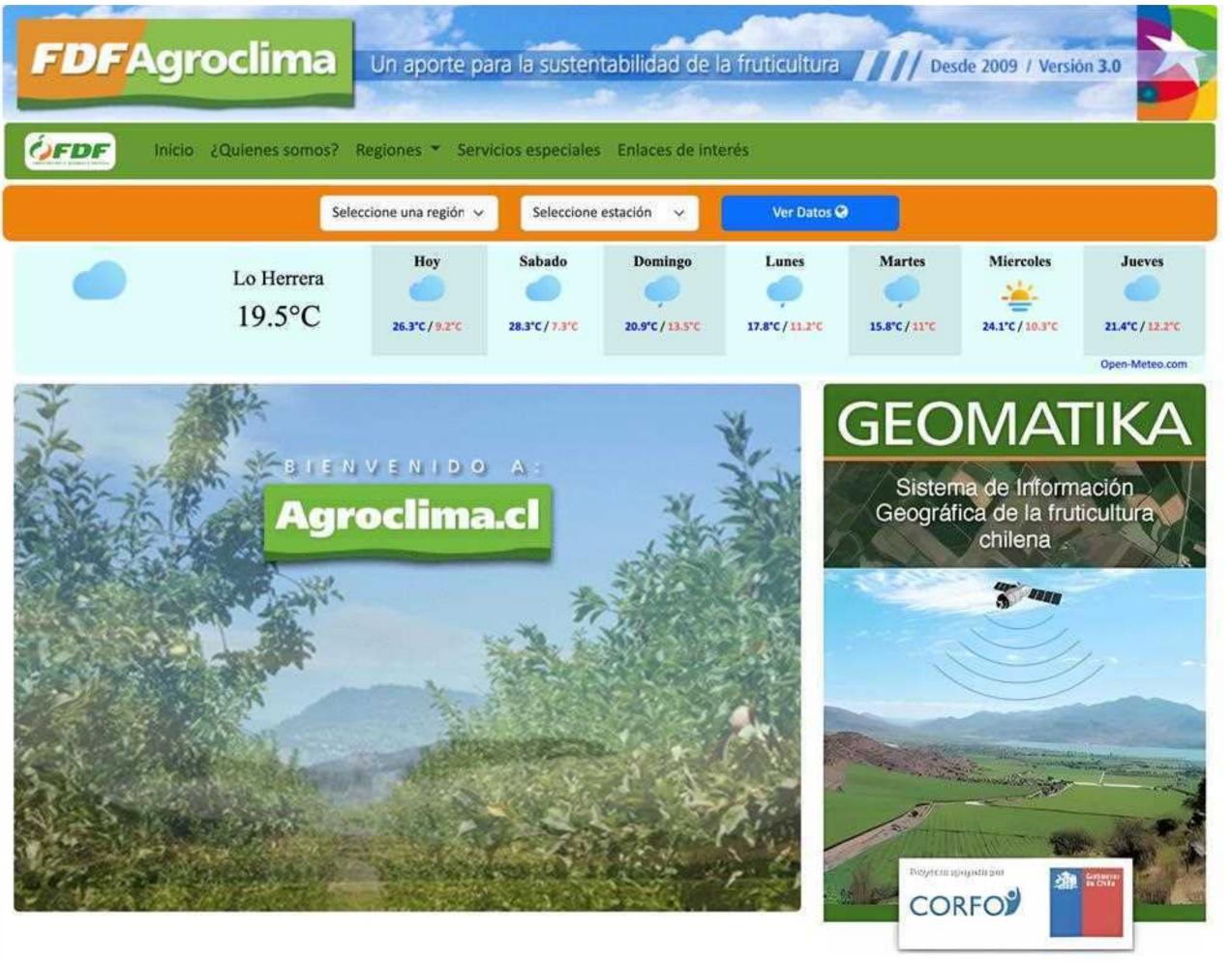
51%

of the electricity used in packing plants is from non-conventional renewable sources.

	Electricity from Non-conventional Renewable Sources (%)
Grape packing plants	13.0
Multi-species packing plants	50.0
All packing plants	48.2









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CLIMATE ADAPTATION

Through Fundación para el Desarrollo Frutícola (FDF), Frutas de Chile helps maintain the Agroclimatic Network (Red Agroclima), which has over 200 automatic agroclimatic stations located on farms throughout Chile that provide information every 15 minutes.

Using specialized software, this information is processed and daily reports are issued, allowing growers to take preventive measures and better cope with climate change. The information is also provided on the Geomátika platform, which shows the scope and coverage of weather variables of interest in each area.

The Agroclimatic Network is part of the Agricultural Ministry's National Agroclimatic Network.





CIRCULARITY

599% of solid waste disposal is circular, which is described in three ways in this report:



Destination of solid waste.



Percentage of packing plants that send plastic, paper and cardboard materials for recycling.



Percentage of recycled content of plastic and cardboard containers.

Waste Destination

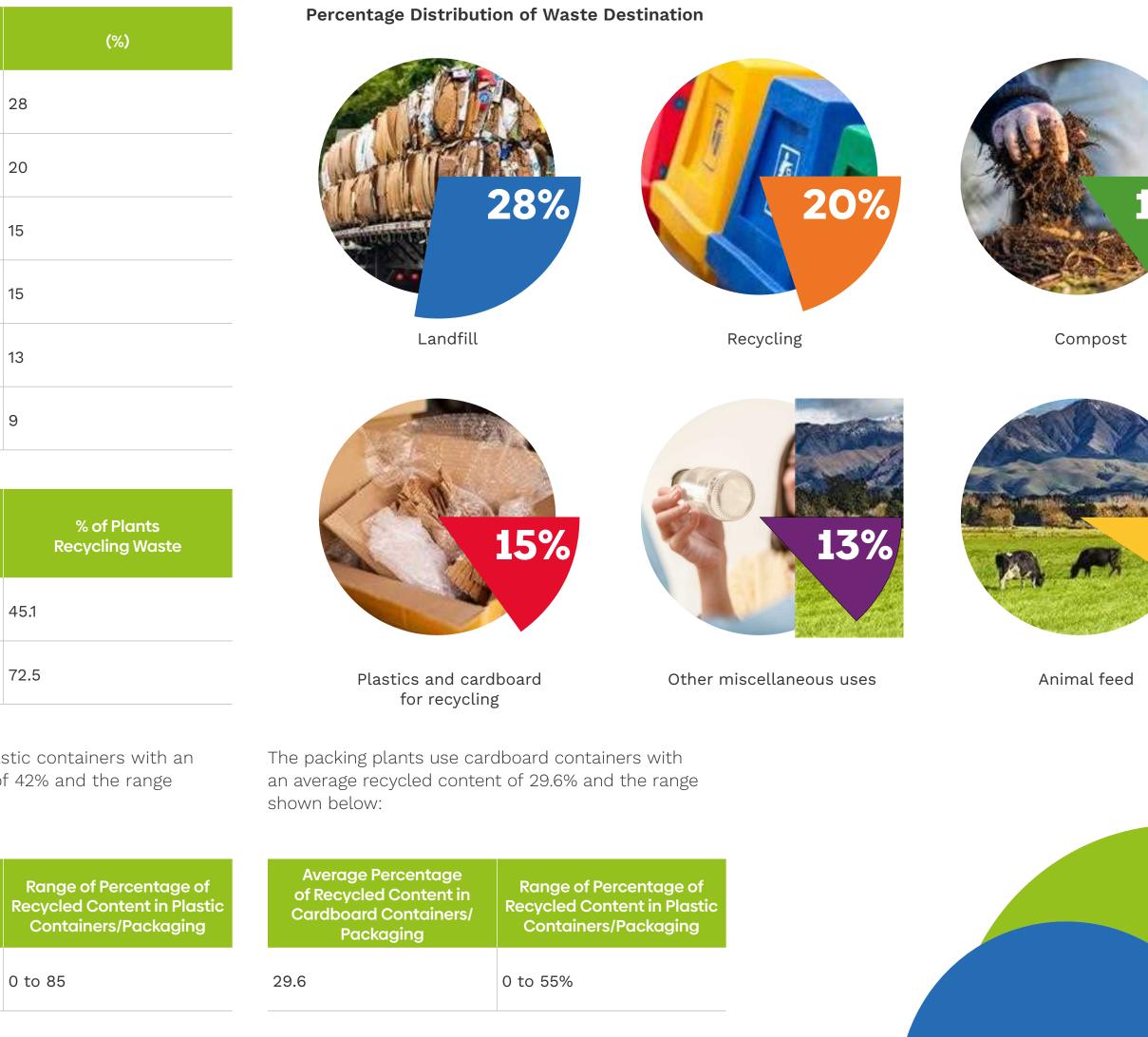
Landfill Recycling Compost Plastics and cardboard for recycling Other miscellaneous uses 13 Animal feed

Type of Waste Recycled	
Plastic	4
Paper and cardboard	

The packing plants use plastic containers with an average recycled content of 42% and the range shown below:

Average Percentage of Recycled Content in Plastic Recycled Content in Plastic Containers/Packaging

42.2













AGROCHEMICALS

Of the reporting facilities,

21%

claims not to use post-harvest agrochemicals and in packing plants that do use them



of the products are low-hazard or no-hazard, according to the SAG toxicological classification, as shown on the product label.

Blue

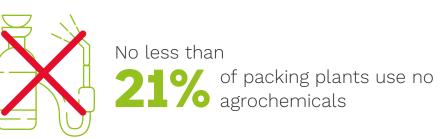
Green

Yellow

Red



Therefore:



100%

of packing plants take samples for multi-residue analysis of each grower's fruit, either at farm- or finished-product level, to ensure that the fruit does not exceed the residue limits set by different markets.

grochemical classification	% of Product Used
	53.7
	45.8
	0.5
	0.0

Distribution of Agrochemicals by SAG Classification

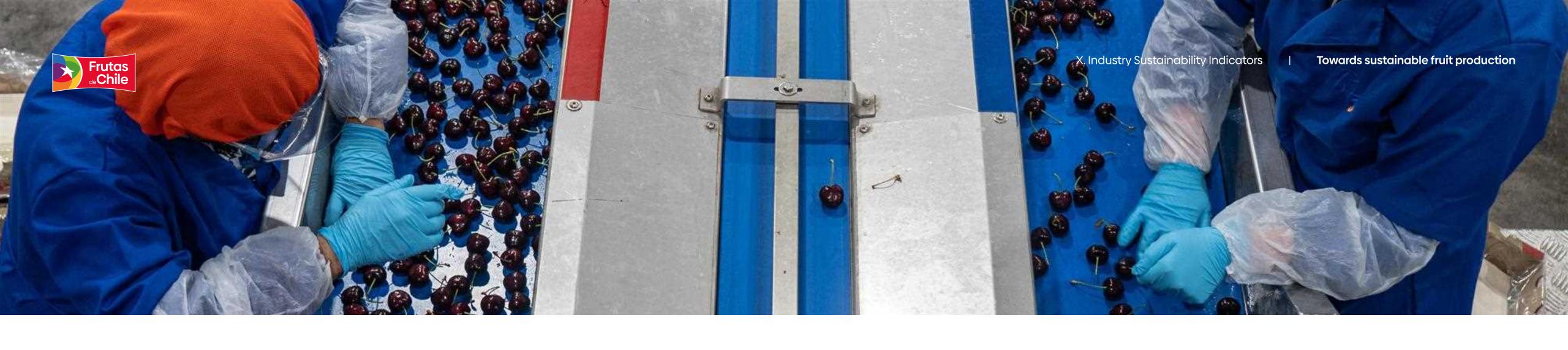


Some packing plants process species that require agrochemical use. None of these plants use products with a hazardous SAG toxicological classification and 00/

of the reported products are classified as "not normally hazardous" (green label) or "low-hazard" (blue label).

These analyses are performed by independent accredited laboratories.





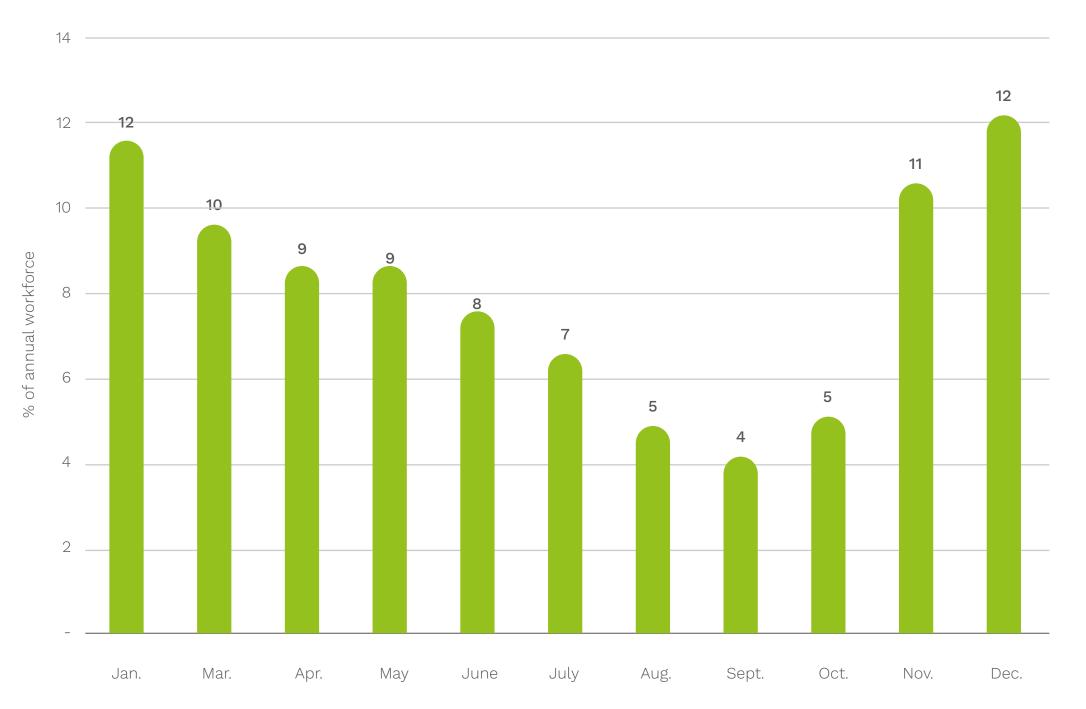
10.1.3 SOCIETY

The total annual direct labor force employed by the fruit packing plants numbers 385,675 people. Given its variable nature, the fresh fruit packing industry is characterized by two aspects:

- a. High seasonality in terms of the number of personnel required, so there is a significant difference in the annual number of permanent and temporary personnel.
- b. Variability within its seasonality, based on each species' volumes and harvest dates, which mark the beginning of operations for each variety. This is reflected in the monthly change in the number of people working in the packing plants.

	(%)
Total people employed	100.0
Temporary employees	88.5
Permanent employees	11.5

Monthly Distribution (%) of Workforce by Active Payroll





46



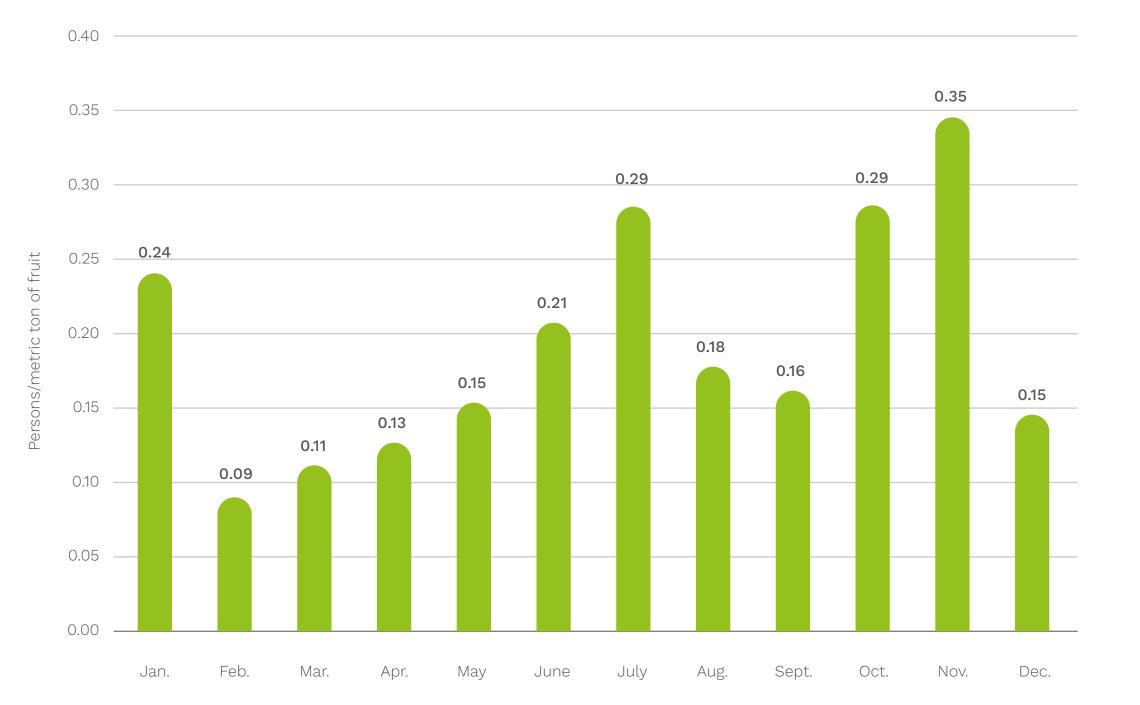
Labor intensity is defined as the number of people per metric ton of fruit. The average annual labor force intensity is

Gender	(%)
Female	52.9
Male	47.1

0.16

people per metric ton of fruit, but this figure is also affected by the sector's seasonality.

Monthly Change in Labor Force Intensity (persons/metric ton of fruit)



X. Industry Sustainability Indicators





HEALTH AND WELL-BEING

The average annual accident rate per plant is 3.8%. The total number of training hours per year per packing plant is 6,534. On average, each year 684 people per packing plant were trained.

3.8% average annual accident rate

6,534

total hours of training per year

684 individuals trained annually

10.1.4 GOVERNANCE FOR SUSTAINABILITY

Sustainability governance programs are prominent in the packing plants, demonstrating management's commitment to support necessary sustainability measures.

100%

of packing plants:

- Have enacted an ethical-social policy
- Have established an occupational health and safety management system



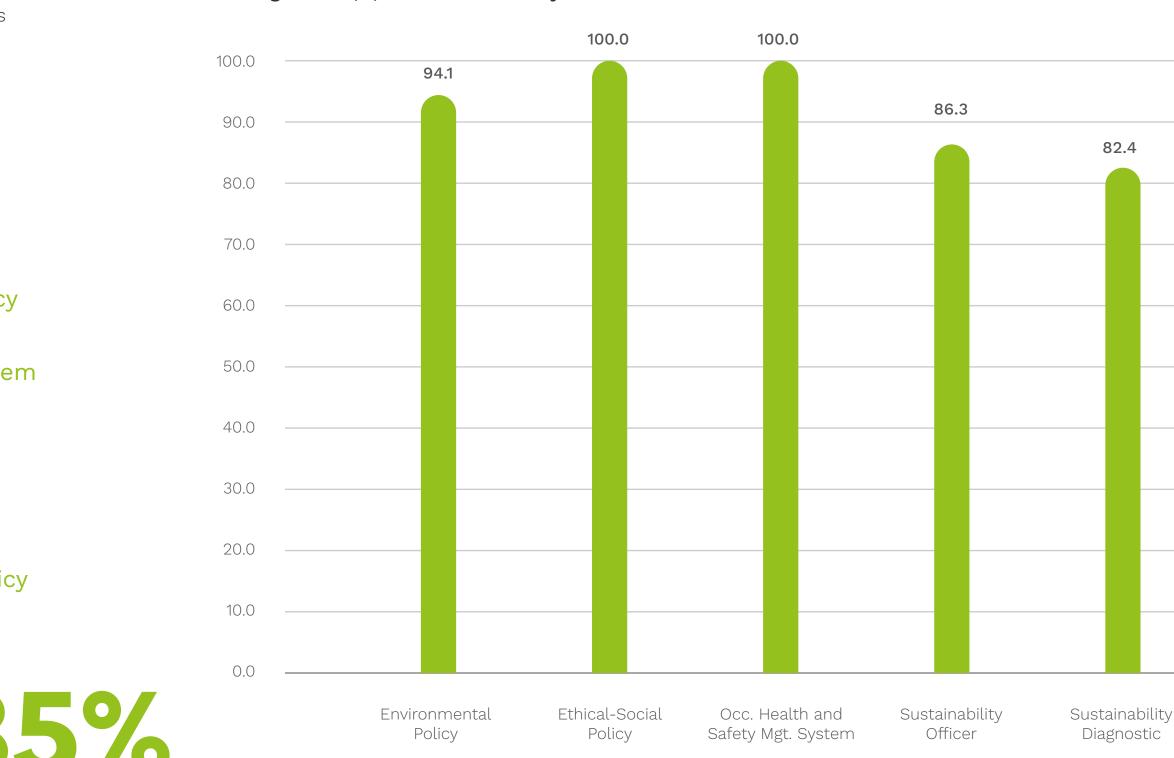
of packing plants:

• Have enacted an environmental policy

Between



- Have formally designated a sustainability officer and
- Have prepared a sustainability report



Packing Plants (%) with Sustainability Governance Actions





10.2 ORCHARDS

10.2.1 SUPPLY CHAIN

The following tables illustrate the most commonly grown species and the number of species per production unit:

Species	Percentage of Reported Fields with the Species
Cherries	57
Table grapes	23
Stone fruit	22
Blueberries	20
Apples	28
Citrus fruits	11
Kiwifruit	12
Avocados	7

Number of Species on the Farm	% of Farms
1	46
2	27
3	24
Over 3	2

The main certifications for orchards fall into the following categories:

Food Safety

In the case of farms, the most common certification is GLOBAL G.A.P., which goes beyond food safety aspects. Its most recent versions feature about 40% environmental content.

Social

N

These require full compliance with domestic legislation, plus all necessary measures to provide people with decent work and no discrimination of people. The most widely used certification is GRASP.

Environmental

This basically refers to all measures needed to maintain and/or enrich the production ecosystem and its surroundings. The most widely used is Spring, which focuses on water care.





The orchards have an average of 4 certifications

Area of Certification	Percentage %	Average Certifications per Facility
Food Safety	59	2.7
Social Aspects	32	1.4
Environmental Aspects	8	0.1
Organic	1	0.1



Percentage (%) of Certifications by Area

Food Safety

Social Aspects

Environmental Aspects



Organic





10.2.2 ENVIRONMENT

WATER

Total annual water consumption by an average farm is

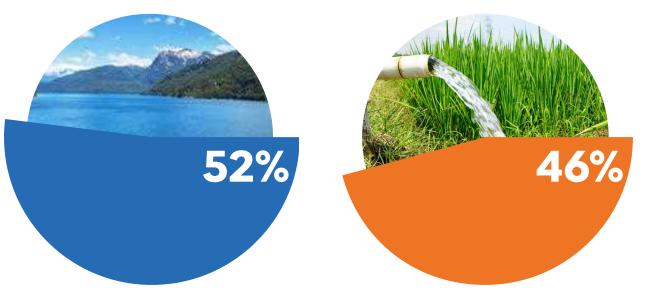


This water comes primarily from surface sources, accounting for



of the volume used, while deep well water makes up the remaining 46%. In many cases both sources are used. Namely, surface water is used for irrigation and well water is used to apply agrochemicals for food safety reasons.

Water by Source (%)

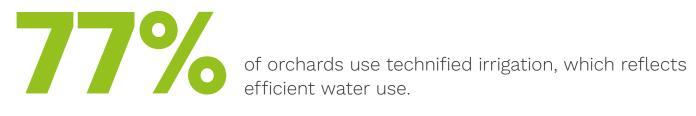


Surface sources

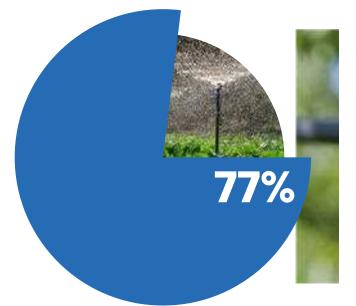
Deep well



Other sources: drains, boreholes, purchased water



Type of irrigation used (%)



Technified Irrigation



Other irrigation

Furrow irrigation





ENERGY

Total annual water consumption by an

Total energy per ha



Energy sources Electricity:

19,807 kWh / ha

Distribution (%) of Energy Consumed on Farms by Source



Other energy sources (oil, gasoline, gas):

> 5,537 kWh / ha

12.2% 16%

of the electricity used on farms is from non-conventional renewable sources per NCRE power supply agreements.

of farms have solar panels.





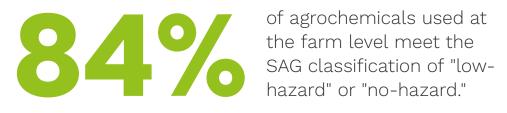
CIRCULARITY

The circularity of solid waste produced on farms will be reflected in two ways:

- Identifying the destination, by use, of waste.
- Participation in recycling programs for empty phytosanitary product containers.

Solid Organic Waste Disposal on Farms	(%)
Agricultural use (compost, incorporation into soil, etc.)	56.1
Landfill	0.4
Made into by-products	0.0
No record	43.5

AGROCHEMICALS



Most agrochemicals used

79%

have a green label (i.e. they are classified as "low-hazard" according to SAG regulations).

SAG Classification of Agrochemicals	(%)
Green label	79.1
Blue label	5.3
Yellow label	15.5
Red label	0.1

Distribution (%) of Energy Consumed on Farms by Source



(compost, incorporated into soil, etc.)

Distribution (%) of Agrochemicals at Farm Level, by SAG Classification



Green label

Yellow label





10.2.3 SOCIETY

Staffing needs vary based on the volumes and harvest dates of the different species. The harvest marks the start of operations and is the point of greatest staffing needs.



Distribution (%) of Energy Consumed on Farms by Source

Area of Certification	Percentage %	Average Certifications per Facility
Food Safety	59	2.7
Social Aspects	32	1.4
Environmental Aspects	8	0.1
Organic	1	0.1

The average annual accident rate per farm is 2.7%. The total number of training hours per year per farm is 257. On average, each year 42 people per farm were trained.



average annual accident rate

257

total hours of training per year



individuals trained annually



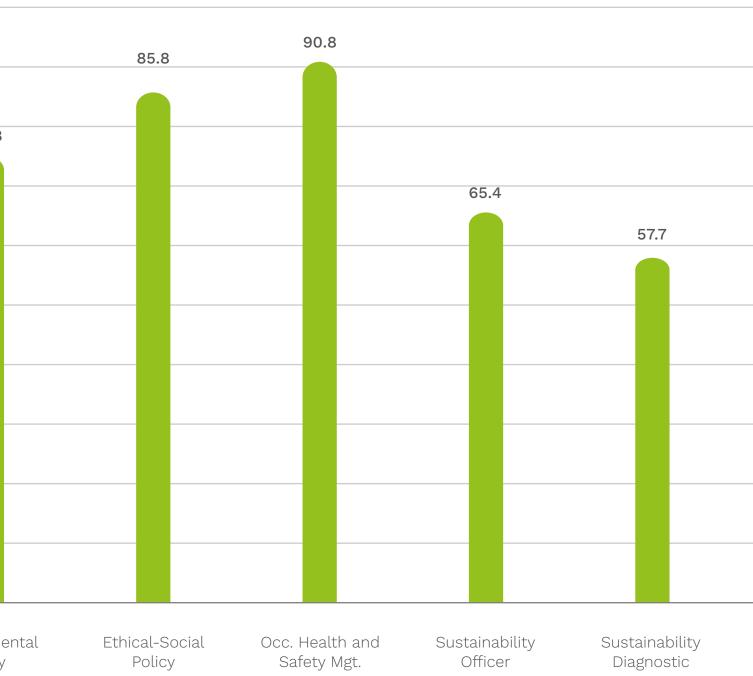


10.2.4 GOVERNANCE

Sustainability governance programs on farms demonstrate management's commitment to support	Farms (%) with Sustainabilit
necessary sustainability measures.	100.0
More than	90.0
90%	80.0 74.8
	70.0
of farms:	60.0
 Have an occupational health and safety management system. 	50.0
85%	40.0
$0\mathbf{J}0$	30.0
of farms: • Have enacted an ethical-social policy.	20.0
Between	10.0
	0.0
77% and 65%	Environment Policy
of former	

of farms:

- Have formally designated a sustainability officer.
- Have prepared a sustainability report.



lity Governance Actions

Policy





Towards sustainable fruit production

First Sustainability Report for the Fruit Export Industry

October 2024 Editorial Committee:

Iván Marambio C. Miguel Canala - Echeverría V. Rodrigo Gallardo F. Cecilia Casanova C.

LAYOUT AND DESIGN:

Puerto Diseño

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