

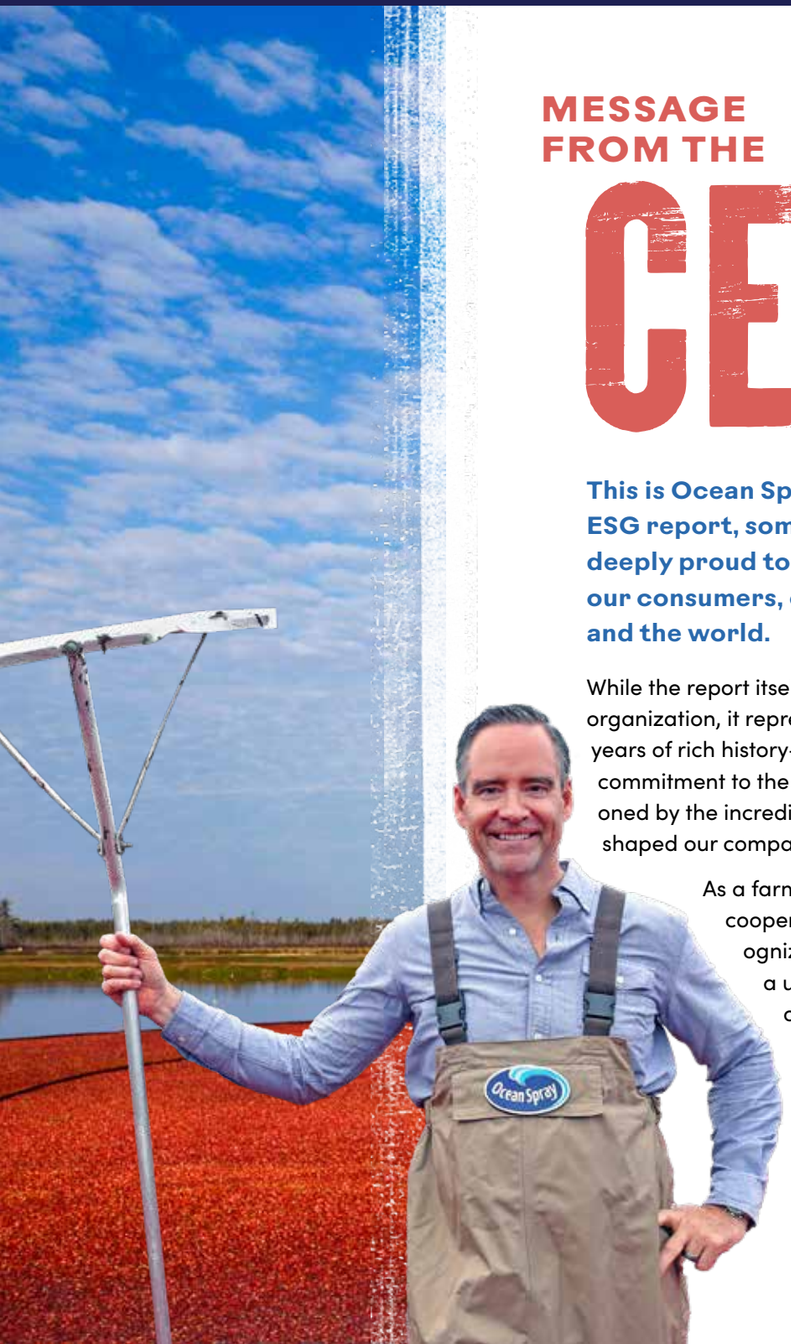


ESG

2022 REPORT







MESSAGE FROM THE CEO

This is Ocean Spray's inaugural ESG report, something we are deeply proud to share with our consumers, customers, and the world.

While the report itself may be a first for our organization, it represents more than 90 years of rich history—an always-present commitment to the environment, championed by the incredible people that have shaped our company for generations.

As a farmer-owned agricultural cooperative and globally recognized brand, we have a unique and wonderful opportunity to make a lasting and positive difference across the world. Connecting Our Farms to Families for a Better Life is more than just a company purpose statement—it's the foundation for our strategic direction, shaping who we are, and want to be, as an organization. The four pillars of our ESG Strategy were carefully curated with that purpose in mind—focusing on Planet, Product, People, and Prosperity.

Planet

Regenerative agriculture has been practiced on many of our cranberry farms, likely before the terminology even existed. Ocean Spray is the first-ever fruit cooperative to have its patrons' fruit—cranberries—to be verified as sustainably grown. Our farmers are stewards of the lands they call home, and our role as a cooperative will be to nurture that legacy, whether building climate resilience, further protecting biodiversity, or continually reducing waste and conserving water.

Product

What we develop and deliver goes beyond creating great-tasting products. Throughout the process, from our farms to our consumers, we consider the impact. We maintain best-in-class approaches to safety and quality, present throughout our manufacturing locations and practiced by our team members. Our portfolio promotes the healthy nature of the cranberry itself, with a variety of nutritious options for consumers. And now more than ever, we are researching ways to make our packaging more sustainably designed.

People

Farmers started this cooperative, and their spirit of ingenuity, collaboration, and grit imbue all aspects of how our organization operates. Doing right by our people means doing right by our business, which is why we work tirelessly to deliver growth for our farmer-owners and act with intent when it comes to equity and inclusion for our team members. As a brand, we also want our voice to be heard through our people as advocates for ESG with our consumers, customers, industry peers, and global stakeholders.

Prosperity

We see sustainability not just through the lens of environmental impacts, but as it relates to our farmers' longevity as well. Their prosperity is what drives our team members to deliver, promoting economic resilience for our small family farms. The cooperative model benefits our farmer-owners and their cranberry production, which in turn, can help strengthen local communities and economies.

One of the hallmarks of our cooperative structure and business practices, throughout our history, has always been sustainability. It is in our DNA. Today, our promise is to advance on this journey—to leverage holistic ESG strategy into actionable results, and further connect our farms to families for a better life.

Sincerely,



Tom Hayes
CEO





CONTENTS

COMPANY OVERVIEW

Our Story 5
Our Purpose & Values 6
Our Cooperative 7
Our Global Footprint 9
Our Heritage 10

OUR IMPACT

Highlights of Our Impact 13
Materiality Assessment 14
Our ESG Strategy 15
Sustainability Governance 16
Sustainability Partners 17
Sustainable Development Goals 18

ESG PILLARS

Planet 19
Product 30
People 38
Prosperity 43

LOOKING FORWARD

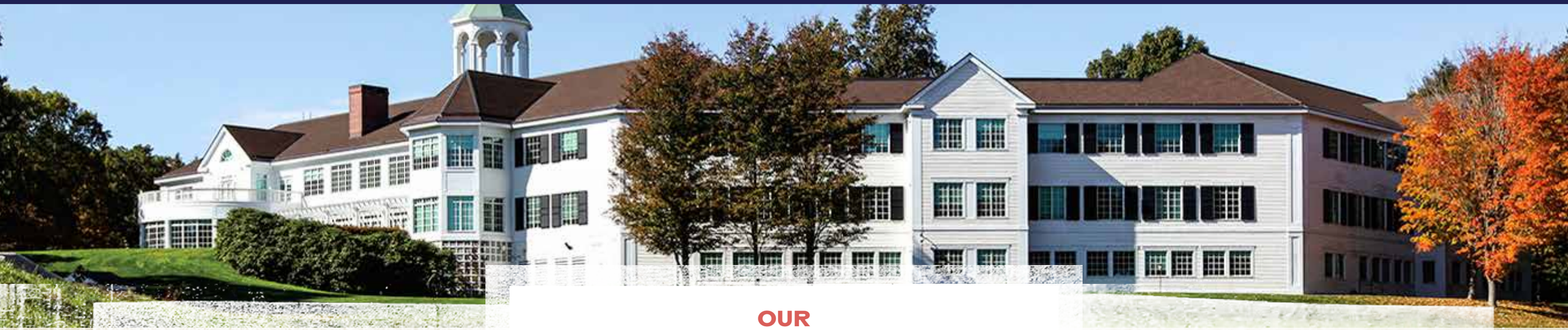
Our Journey: Continuous Improvement 48
Closing Thoughts and Thank You 49



COMPANY OVERVIEW

Connecting Our Farms to Families for a Better Life







OUR STORY

Ocean Spray is a vibrant agricultural cooperative, built on the strength of roughly 700 family farmers in the United States, Canada, and Chile. Together, we've worked to preserve the family farming way of life for nearly 100 years, and for generations to come. Today, our cranberries show up in more than a thousand delicious products in over 100 countries worldwide.

Ocean Spray's products can be found in grocery, foodservice outlets, convenience, drug, and club stores throughout the world, as well as on various online retailers to delight and nourish our consumers. Ocean Spray is also one of the world's premier fruit ingredients suppliers, selling to customers worldwide. Our cranberry formats add value to an array of products as diverse as breakfast cereal, confectionery, dairy, salads, snacks, and bakery!

United by passion and purpose, Ocean Spray is committed to trailblazing the power of the mighty cranberry through its offbeat taste and uncanny nutrition to feed happier lives for all.







OUR PURPOSE



CONNECTING OUR FARMS TO FAMILIES FOR A BETTER LIFE

OUR VALUES

GROWER MINDSET

We embrace our farmer-owners' innovative spirit and heritage through confidence, learning and focus on the future.

SUSTAINABLE RESULTS

Guided by purpose, we are focused on delivering results for our farmer-owners.

INTEGRITY ABOVE ALL

We are ethical, doing the right thing for our farmer-owners, customers and each other.

INCLUSIVE TEAMWORK

We build diverse and inclusive teams that strengthen our cooperative.

OUR COOPERATIVE



Our farmer-owners trust us to put their cranberries into innovative, exciting products that consumers are looking for, just as they put time, energy and care into cultivating the absolute best crop.

On most of their farms, this tradition is passed down from one generation to the next. Over the decades, it has helped us meet our shared commitment to making a portfolio of cranberry products that are high quality and wholesome. It's how we connect farms to families for a better life.

Because cranberries have such a unique way of growing, they cannot thrive everywhere. We have nine distinct growing regions all wonderful in their own way, generating a variety of cranberries. Our farmer-owners are predominately located in the areas shown on this map. We are also proud to have a select few farms in Minnesota, Michigan, Rhode Island and Nova Scotia.


BRITISH COLUMBIA


WISCONSIN


NEW BRUNSWICK


WASHINGTON


QUEBEC


MASSACHUSETTS


OREGON


CHILE


NEW JERSEY

OUR COOPERATIVE (continued)

Our foods plants are strategically located close to where the fruit is grown, while our beverage manufacturing facilities are close to where our customers are to foster a sustainable supply chain. The Ocean Spray manufacturing network includes cooperative owned and operated fruit processing and bottling facilities in Massachusetts, Pennsylvania, Wisconsin, Texas, Nevada, Washington, Manseau, Canada and Lanco, Chile. All our facilities are committed to world-class safety and teamwork.







OFFICE LOCATIONS

- Boston, Massachusetts
- Lakeville, Massachusetts *(Corporate Headquarters)*
- Melbourne, Australia
- Toronto, Ontario, Canada
- Paris, France
- Berkshire, England
- Mexico City, Mexico
- Shanghai, China
- Dubai, United Arab Emirates

FOOD AND BEVERAGE MANUFACTURING LOCATIONS

- Middleboro, Massachusetts
- Henderson, Nevada
- Lehigh Valley, Pennsylvania
- Sulphur Springs, Texas
- Markham, Washington
- Wisconsin Rapids, Wisconsin
- Kenosha, Wisconsin
- Tomah, Wisconsin
- Manseau, Quebec, Canada
- Lanco, Chile

CRANBERRY FRUIT RECEIVING STATIONS

- Carver, Massachusetts
- Chatsworth, New Jersey
- Bandon, Oregon
- Long Beach, Washington
- Babcock, Wisconsin
- Tomah, Wisconsin
- Langley, British Columbia, Canada
- Richmond, British Columbia, Canada
- Lanco, Chile









WE SELL IN OVER 100 COUNTRIES WORLDWIDE

CANADA



www.oceanspray.ca

UNITED STATES



allthatpower.oceanspray.com

LATIN AMERICA



www.oceanspray.mx

EUROPE



www.oceanspray.co.uk
www.oceanspray.fr/

ASIA



Ocean Spray 我们的产品
(chinacloudsites.cn)

INDIA, MIDDLE EAST AND AFRICA



AUSTRALIA AND NEW ZEALAND



www.oceanspray.com.au

We want our global consumers to have variety—drink a juice that packs a nutritious punch, maybe indulge in a snacking favorite, or just grab that traditional holiday sauce staple. Our goal is to provide only the best quality, with an amazing assortment of delicious options. We are so proud of our product portfolio, and know our loyal consumers love it too.

OUR HERITAGE

GROWER MINDSET

THE OCEAN SPRAY STORY starts in 1930 when three passionate, independent cranberry farmers found the key to expanding the superfruit's success: a single cranberry-growing family! By coming together in one cooperative, Marcus Urann, John Makepeace and Elizabeth Lee worked together to create deliciously innovative products with the fruit they loved.

Since 1930 Ocean Spray has grown from producing a single product to unlimited innovations and a global footprint.



ELIZABETH LEE
of Enoch F. Bills Company of New Egypt, a leader in the New Jersey Market.



MARCUS URANN
of United Cape Cod Cranberry Company/ Ocean Spray Preserving Company, a pioneer in canning.



JOHN MAKEPEACE
of Makepeace Preserving Company, whose family is currently in their 6th generation of farmers.

1930s

1930 The Cooperative is formed, producing and marketing cranberry sauce under the Ocean Spray® brand.

1931 Ocean Spray® Cranberry Juice Cocktail is introduced to expand the Cooperative's product line.



1940s



1940 Wisconsin cranberry farmers join the Cooperative.

1941 Oregon and Washington join the Cooperative, creating a coast-to-coast business.

1946 The Cooperative begins selling fresh cranberries under the Ocean Spray® brand.

1950s

1950 Ocean Spray Limited of Canada formed.

1952 First Ocean Spray® television commercial airs.

1958 Canadian farmers join the Cooperative.

1959 The Cooperative changes its name to Ocean Spray Cranberries, Inc.



1960s



1960-1965 The Cooperative broadens its beverage offering with blends and low-calorie options.

1963 Ocean Spray introduces the first blue and white curling wave logo.

1963 Cranberry Juice Cocktail is available nationwide.

1964 First blend, Cran•Apple™ Cranberry Apple Juice Drink, launches.

1970s

1976 The Cooperative expands into grapefruit products.

1976 A new advertising campaign centered on the Cran-Man and his Cran-Wagon hits the airwaves.

1976-1977 Headquarters moves to Plymouth, MA.





1980s



1980 The Ocean Spray Ingredient Technology Group was formed

1980 Ocean Spray® becomes North America's best-selling brand of canned and bottled juices and juice drinks.

1981 Ocean Spray introduces several major packaging innovations, including the first aseptic Paper Box in the U.S., as well as the first PET plastic bottle.

1985 Ocean Spray Cranberry Juice launched in Britain.

1988 The Craisins® brand is born as a dried cranberry ingredient.

1990s

1990 Ocean Spray commits to expanding overseas with offices in the UK and Australia.

1990 The Cooperative moves its headquarters to Lakeville-Middleboro, MA.

1993 Ocean Spray introduces the Crave the Wave™ tagline.

1994 Major health research is published substantiating the role cranberries play in maintaining urinary tract health.

1995 Ocean Spray Cranberry Juice launched in Australia.

1995 Ocean Spray® introduces Craisins® Dried Cranberries into the retail marketplace, fueling growth.



2000s



2001 The Cooperative's first white cranberry harvest.

2002 Packaging innovation evolves with the introduction of a new rectangular bottle.

2004 Following a long debate over a possible sale, the farmer-owners vote to remain a cooperative.

2007 Ocean Spray Cranberry Juice launched in Mexico.

2008 Ocean Spray enters China Market.

2010s

2010 Ocean Spray celebrates its farmer-owners with the launch of the heritage campaign.

2012 50% Reduced Sugar Craisins® Dried Cranberries launched.

2013 Ocean Spray acquires first international acquisition – Agricola Cran Chile Limitada Cranberry Processing business in Lanco, Chile.

2014 Ocean Spray opens flagship beverage manufacturing plant in Lehigh Valley, PA.

2016 Ocean Spray launches Sparkling range available in Classic Cranberry and Cranberry Raspberry flavors.

2017 Ocean Spray Introduces Cranberry+health™ Juice Drink, its first product designed specifically for health.

2018 Ocean Spray acquires Atoka Cranberries processing facility, located in Manseau, Quebec, Canada.

2019 Ocean Spray expands its Pure Portfolio of unsweetened Premium Fruit Juices.

2019 Ocean Spray Cranberries is the first fruit cooperative worldwide to be verified as sustainably grown using FSA*.





2020s







2020 Ocean Spray launches Cranberry Seeds, an upcycled ingredient with powerful nutritional benefits and a clean label.

2020 Ocean Spray and Cran-Raspberry take the internet by storm with the #cranberrydreams challenge.

2021 Ocean Spray launches Fruit Medley, a tasty, dried fruit blend with key benefits.

2022 Ocean Spray launches function forward beverages made with real fruit juice, no artificial sweeteners, zero added sugar and great taste.

*Based on a third-party audit of 9 randomly chosen representative set of Ocean Spray cranberry farms. http://saiplatform.org/fsa/

OUR IMPACT

Understanding material topics from key internal and external stakeholders is our north star to prioritize and sequence a robust ESG approach.



UN Sustainable Development Goals (SDG)



HIGHLIGHTS

OF OUR IMPACT FOR SUSTAINABLE RESULTS

Planet

~95% cranberry fruit received is utilized

1st fruit cooperative to be **VERIFIED AS SUSTAINABLY GROWN***

Tracking **SCOPE 1 & 2 EMISSIONS** since 2019

*Based on a third-party audit of 9 randomly chosen representative set of Ocean Spray cranberry farms. http://saiplatform.org/fsa/

Product

Cranberries are the only food with an approved **FDA QUALIFIED HEALTH CLAIM** for reducing an infectious disease with certain cranberry products

Removed over **3 MILLION** combined pounds of virgin plastic resin and corrugated cardboard in 2022*

PORTFOLIO OF CHOICE underpinned with Food Safety and Quality

*Based on 2022 produced volume.

People

52% of global Senior Leadership is female

21% of U.S. Senior Leadership is ethnically diverse

SAFETY-FORWARD OPERATIONS that protect our people and adhere to best practice standards

More than **2,000 TEAM MEMBERS WORLDWIDE**

Prosperity

$1.9 BILLION in Net Sales for FY22

100% of Ocean Spray net proceeds from our farmer-owners' fruit go to our farmer-owners who make up our cooperative

26 farmers leading the next generation of our cooperative graduated from **OCEAN SPRAY GROWER ACADEMY'S CLASS OF 2022**

MATERIALITY ASSESSMENT

Our journey started in June 2021 when we partnered with Quantis to complete a comprehensive materiality assessment to identify material topics most important to our internal and external stakeholders across three main areas: economic resilience, environmental stewardship, and social responsibility.

This research included a materiality survey, key stakeholder interviews, peer benchmarks, social listening measurements, and market data analysis to synthesize our strategy. We engaged a variety of key stakeholder groups in this materiality process including farmer-owners, suppliers, business partners, consumers, employees, Ocean Spray managers across different functions, NGOs, and industry associations. We had nearly 500 respondents participate in our materiality survey and ranked 32 stewardship topics in terms of importance. We received the results in October 2021.

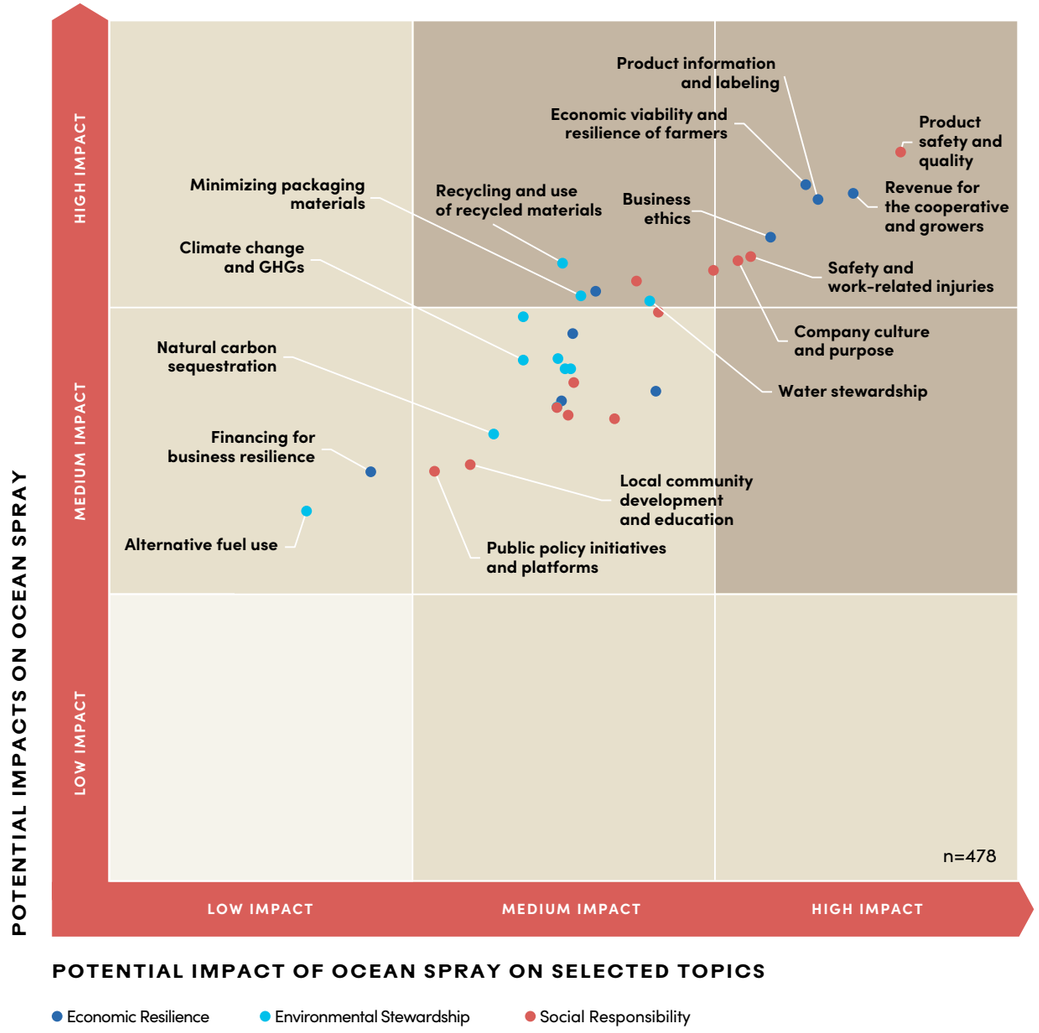
The resulting findings identified important and interconnected impacts to Ocean Spray, activating us to prioritize the following material topics:

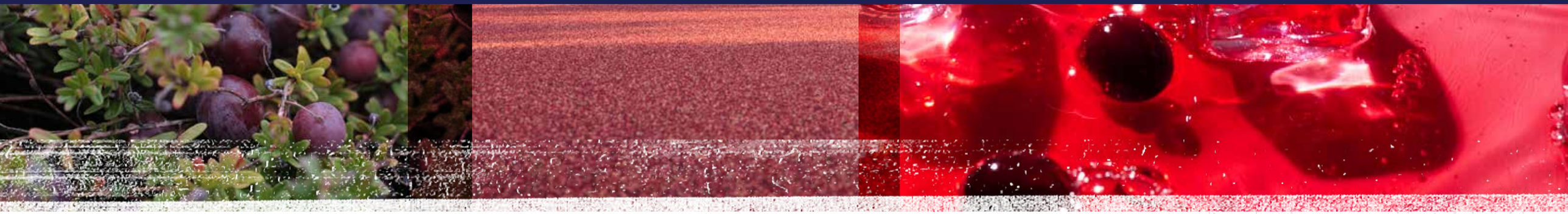
- **Generating Economic Value for the Cooperative**
- **Product Information and Labeling**
- **Product Safety and Quality**
- **Climate Change and GHG Emissions**

As we mature in our ESG journey, we will continue to expand our focus. We remain committed to fostering transparency with stakeholders as our programs and goals evolve.

Quantis

Quantis is a leading environmental sustainability consultancy that partners with major organizations across the globe to drive sustainable transformation and align business with planetary boundaries.





OUR ESG STRATEGY

Our materiality assessment provided us with the foundation to create a robust Environmental Social Governance (ESG) strategy that connects the issues of most relevance to our business and our stakeholders together, supporting our goal to create long-term value.

Our four ESG Pillars structure our approach to managing our sustainability efforts, facilitate goal setting, and help to allocate resources in a thoughtful manner. This will set a foundation to drive success and support the sustainability of our family-farmers for generations to come.

ENVIRONMENTAL | SOCIAL | GOVERNANCE

Planet

We are stewards of our planet, inherently connected to the lands our cranberry family-farmers have and will protect for generations to come.

Product

We are committed to creating nutritious, safe, high-quality products that are sustainably designed and packaged.

People

We put people first. We make investments in our team members, raise up the communities we serve, and support the livelihoods of our team members and our farmer-owners.

Prosperity

We believe through ethical business practices we can minimize risk and support the economic resilience of our agricultural cooperative.

SUSTAINABILITY
GOVERNANCE

To implement our Environmental, Social and Governance (ESG) Strategy, it will take work from the whole cooperative. The team driving the ESG strategy includes our Board of Directors, Board Governance Committee, Sustainability Steering Committee, and Sustainability Team.

Our Board of Directors is comprised of 15 Directors—14 of whom are farmer owners, and the other being our President and CEO. The President and CEO leads the management team which is made up of 10 Senior Leaders, including the General Counsel, Chief Human Resource Officer and SVP of R&D and Sustainability. The Advisors are external professionals that complement the Board with various industry experience. The Board of Directors and the Board Governance Committee are regularly updated on our initiatives, progress, and challenges.

The Board Audit Committee provides direction and guidance on Enterprise Risk Management topics, which may at times include elements of ESG.

The Sustainability Steering Committee is comprised of the leadership that is ultimately responsible for our ESG performance.

Collectively, they provide guidance and enable the allocation of resources that will help us reach our sustainability objectives for Planet, Product, People and Prosperity.

The Sustainability Team is responsible for recommending and implementing the ESG strategy which is approved by the Sustainability Steering Committee and reviewed by the Board Governance Committee and the Board of Directors.

We are taking a unique approach to our sustainability structure by marrying it with our technical organization, Research and Development, to facilitate a science-based approach to reaching our ESG objectives as well as providing a voice at the most senior levels of the organization to drive continuous improvement and embed sustainability into our everyday operations.

OUR ESG STRATEGY TEAM

Board of Directors
- 15 Directors
- Strategic Advisors

Board Governance Committee
- Subset of Directors
- Assigned Advisor

Sustainability Steering Committee
- President and CEO
- General Counsel
- Chief Human Resource Officer
- SVP R&D and Sustainability

Sustainability Team
- Reports into SVP R&D and Sustainability
- Dedicated team and cross functional participation across the organization







SUSTAINABILITY PARTNERS

We believe that true impact is made when working cross-functionally, internally and externally, to drive forward a better planet. We partner with key stakeholders in the sustainability space to do more than advance our own ESG goals, but also knowledge share, learn best practices, and collaborate on issues of critical importance to our cooperative and the planet.

Beverage Industry Environmental Roundtable

NCFC National Council of Farmer Cooperatives

Yale School of the Environment — The Forest School

Supplier LoCT Leadership on Climate Transition

Member of SFC

Sedex

SmartWay Transport Partner — Getting There With Cleaner Air

FieldRise — growing healthier together

SAI Platform

The Sustainability Consortium™

How2Recycle

Curran & Connors



While our cooperative is made up of approximately 700 family farmers, we are global in our reach and global in our impacts. The United Nations (UN) Sustainable Development Goals (SDGs) provide a global foundation to our work.

Through our ESG strategy, Ocean Spray is prioritizing the following SDGs:



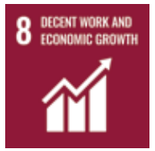
Good Health and Well-Being

▸ With powerful nutrients and well-documented health benefits, Ocean Spray® cranberries can play an important role in a balanced diet and healthy lifestyle. We strive to provide a portfolio of choice to communities around the world with the opportunity to integrate our small but mighty superfruit.



Clean Water and Sanitation

▸ Water is a critical resource to cranberry production and to Ocean Spray's business. Cranberries are grown in wetland environments, uniquely positioning our farmer-owners as stewards for water quality through on-farm solutions and efficiency standards in manufacturing.



Decent Work and Economic Growth

▸ As an agricultural cooperative, each family farm is central to our success. Our business model returns 100 percent of profits back to our farmer-owners, fostering sustained, inclusive, economic growth that enables our farmers to keep their farms running for generations.



Responsible Consumption and Production

▸ Ocean Spray is committed to driving sustainable consumption and production patterns through a variety of interdepartmental projects including: combatting food waste through creative upcycling, implementing energy-saving initiatives from our HQ to our plants, and improving recyclability of traditionally hard-to-recycle materials.



Life On Land

▸ We are stewards of our planet, inherently connected to the lands our cranberry farmers have protected for generations. Ocean Spray cranberries are verified*, by a third party, as sustainably grown. On average, for every 1 acre of cranberry bed, our farmer-owners conserve 5.5 acres of surrounding natural lands, such as wetland, grassland, and forests.

*Based on a third-party audit of 9 randomly chosen representative set of Ocean Spray cranberry farms. http://saiplatform.org/fsa/



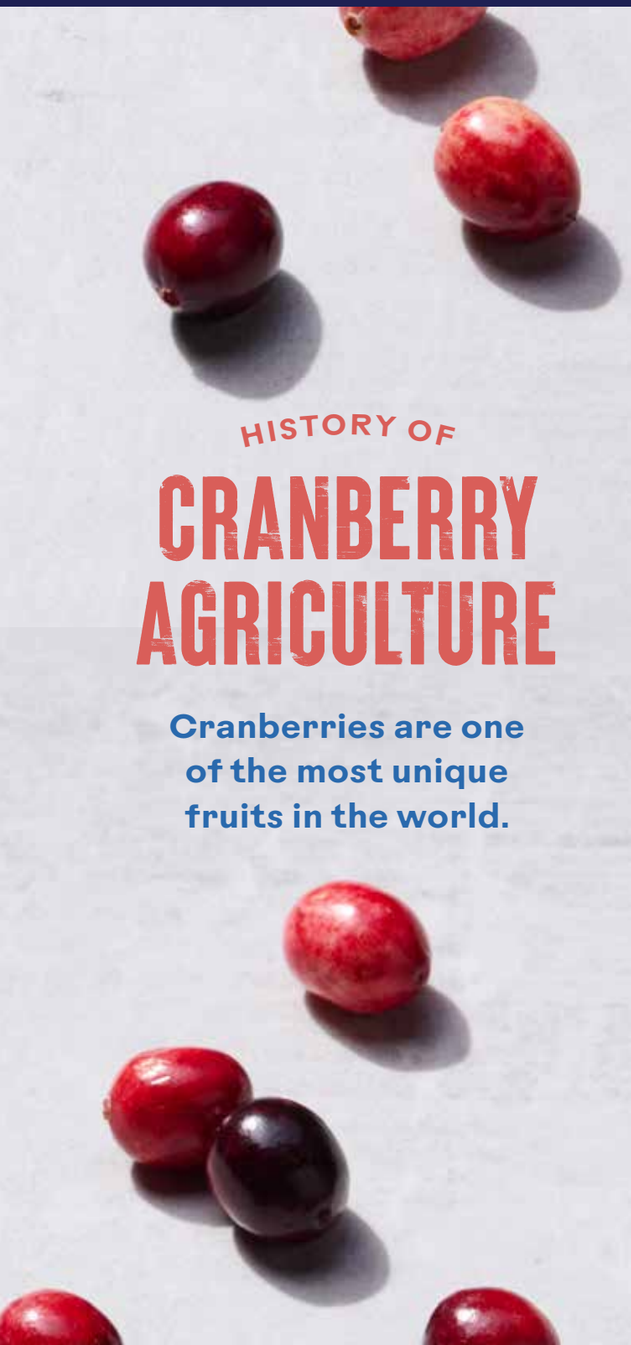
PLANET

We are stewards of our planet, inherently connected to the lands our cranberry farmers have and will protect for generations to come.









HISTORY OF

CRANBERRY AGRICULTURE

Cranberries are one of the most unique fruits in the world.

One of the three commercially cultivated fruits native to North America, cranberries grow on long-running vines in sandy bogs and marshes. They are harvested in the Northeast United States as well as other parts of North America, like Wisconsin, the Pacific Northwest, and Northeastern Canada. Cranberries are also cultivated in Chile.

Interestingly with their many uses, cranberries weren't farmed on a large scale until the 1800s. At first, farmers picked the berries by hand. They then developed a more efficient dry harvesting technique, later revolutionizing the process with an idea called wet harvesting. By flooding the bog with water, the cranberry's buoyancy allows it to float to the surface, where they are collected.

There are more than 100 varieties of cranberries that grow in North America that vary in size, color and shape. Many of these varieties are native and others come from breeding programs to improve yield and quality in the regions they grow. Farmers tend to grow several varieties to spread their harvest season from late August through November in North America. In South America harvest season typically runs from late February through June.



Cranberries are one of the three commercially cultivated fruits

NATIVE TO NORTH AMERICA

There are more than

100

varieties of cranberries that grow in North America

REGENERATIVE
CRANBERRY AGRICULTURE

Regenerative agriculture is an approach to farming that combines the farm management system and ecological system together.

The SAI Platform is one of the primary global food & drink value chain initiatives for sustainable agriculture. It is a non-profit network created in 2002 and now has over 170 members worldwide, who work together to advance sustainable agricultural practices and principles that help to define regenerative agriculture. They include increased soil cover, maximizing biodiversity, enabling living root systems, minimizing disturbance, and integrating organic fertilizers.

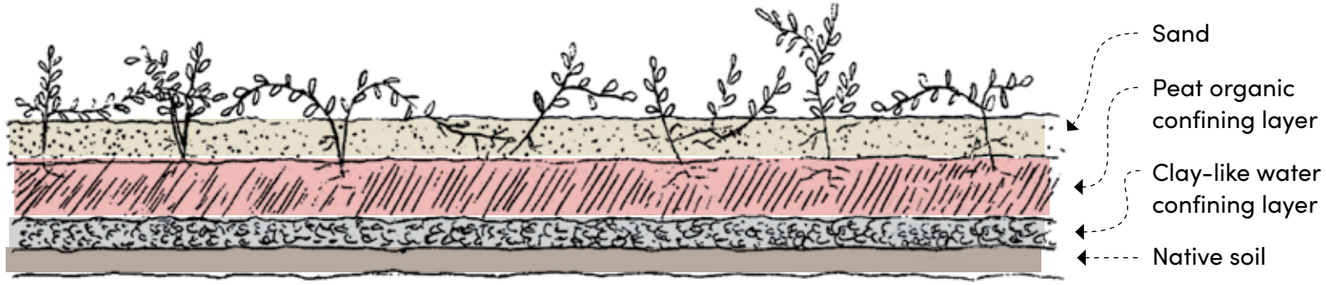
The cultivation of cranberries is inherently regenerative. Soil, water, and biodiversity on farm are protected through good management practices. Our farmers must consider the whole ecosystem as they work toward environmental and economic sustainability essential to the continued viability of the farm. They work in complex agricultural systems and do so by managing risk and ensuring profitability without compromising the environment. Year-round generation and cultivation of vines means decisions today have impacts long into the future.

▸ Cranberries are UNIQUE!

Unlike traditional row crops:

- ***Soil:*** Cranberries traditionally grow on peat bogs covered with sandy substrate. There is typically not a high quantity of organic matter added to the soil but due to the perennial nature of the crop, bog soils are left for years without disturbance which allows carbon to be stored and fewer greenhouse gasses to be released into the atmosphere.
- ***Water:*** Water is the lifeblood of our farmers. Water management innovations like bed temperature and moisture monitoring have improved water conservation and stewardship on our farms.
- ***Nutrients:*** Cranberries require very specific nutrient applications at select times in their growing cycle. Too many nutrients cause the plants to put more energy in growing vines and less energy toward fruiting. It is not cost-effective, business savvy, or environmentally sound to over fertilize a cranberry plant.
- ***Biodiversity:*** On average, for every 1 acre of cranberry bog, our farmer-owners manage 5.4 acres of supporting land that supports healthy, balanced watershed and biodiversity.

Footprint of a Cranberry Bog



Harvest

Our farmers' hard work comes to fruition for three months out of the year during the annual harvest season. There are two methods of harvesting cranberries: wet harvesting or dry harvesting.



Wet Harvesting

▸ Wet harvesting is more common among cranberry agriculture. The process involves first flooding the cranberry beds, the berries are then knocked off the vine by machinery and float to the surface. Air pockets inside the cranberry allow them to float and create the characteristic sea of red during harvest. The berries are then corralled via a boom and suctioned out of the water.



Dry Harvesting

▸ The dry harvest method is an older method of harvest and involves a mechanical rake to knock the berries off the vine, which are then collected in a container and taken to a fresh fruit facility for cleaning and packing.





FARMER RESOURCES

Ocean Spray Agricultural Operations Team

In each growing region, Ocean Spray's agricultural scientists offer support to help farmers maximize their fruit quality and yields in a more sustainable way. Experts are available on call in all regions and conduct workshops and other professional events.

Integrated Pest Management (IPM)

Ocean Spray provides guidance to our farmers on integrated pest management (IPM), which is an environmentally-sensitive approach for controlling insects, weeds and disease. IPM programs use information on the life cycles of pests and their interaction with the environment, in combination with other pest control methods, to manage pests with the least possible hazard to people, property, and the environment. On the bog, IPM is the first line of defense against pests; reducing or eliminating the need for agrochemicals by leveraging other management tools, such as water, sand, irrigation, and the promotion of beneficial insects.

Education and Communication

The Agricultural Sciences Team provides information on a variety of topics that are crucial to the success of our farmer-owners including pests and disease, soil health and nutrient management. Leveraging a variety of communications tools, workshops, and farm visits, the team works with individual farmers to problem solve at the farm-level.

Crop Forecasting

The Agricultural Sciences Team measures crop potential all year long to accurately predict yields and fruit quality. Berry and bud counts, fertilizer usage and frost protection advice keep vines healthy year-round. Crop forecasting is a year round job: as cranberries are set on the vine, next year's crop is already developing.

Harvest

During the harvest season, The Agricultural Sciences Team helps farmers assess the maturity of fruit so that picking occurs at the peak of fruit quality. Our Corporate Analytical Chemistry Team supports pre- and post-harvest analysis to aid in assessment of fruit maturity and regulatory compliance for all our markets around the world.

REGENERATIVE AGRICULTURE METRICS

Ocean Spray uses two different data collection methods to determine on-farm sustainability efforts including a range of environmental, social, and economic questions; the Farm Survey, which is a self-reported survey and is sent out every other year, and the Farm Sustainability Assessment, a third-party verification.



Farm Survey – Internal and Self-Reported

Over the past 6 years Ocean Spray Cranberries, Inc. and FieldRise, LLC have developed and completed a farm stewardship self-assessment biennially to gather metrics on a broad range of environmental, social, and economic questions. Our 2022 survey results account for almost 5.5 million barrels of the Cooperative's cranberries from over 26,000 acres in North and South America (which represents about 80 percent of the total 2021 crop).

Year over year, our farmers continue to show strengths in nutrient management, integrated pest management, crop protection, and biodiversity enhancement which shows that our farmers are adhering to good management practices on farm.

These metrics also provided us with areas for improvement, specifically, business stewardship, community engagement, energy and waste management, and water conservation. We continue to use these metrics to inform on-farm sustainability initiatives.

Farm Sustainability Assessment – External and Verified

In 2019, Ocean Spray became the first agricultural cooperative to have its patrons' fruit—cranberries—to be verified as sustainably grown by FSA*. In 2022, our farmer-owner's fruit was reverified as sustainably grown and we are committed to continuing to improve our on-farm sustainability efforts.

Ocean Spray uses the FSA to engage farmers in assessing their environmental, social, and economic performance. Ocean Spray leverages this insight to provide focused farm support and resources for continuous improvement.

*Based on a third-party audit of 9 randomly chosen representative set of Ocean Spray cranberry farms. http://saiplatform.org/fsa/

In 2022, our cooperative was reverified as **SUSTAINABLY GROWN*** and we are committed to continuing to improve our on-farm sustainability efforts.

FSA Categories farmers are surveyed/verified on:

- AIR QUALITY AND EMISSIONS
- BIODIVERSITY
- CHEMICAL CONTROL
- FARM MANAGEMENT AND COMMUNITY
- GMO AND PLANT MATERIAL
- INTEGRATED PEST MANAGEMENT (IPM)
- LABOR CONDITIONS
- NUTRIENT MANAGEMENT
- SOIL MANAGEMENT
- WASTE MANAGEMENT
- WATER MANAGEMENT

CLIMATE RISK AND RESILIENCE



As a farmer-owned agricultural cooperative, future-proofing against climate change is an especially critical issue. We recognize that the agricultural sector may be disproportionately harmed by climate impacts and as such, we are committed to doing our part to act on climate change and increase our resilience to its impacts.

Cranberry production is inherently regenerative and may even support carbon sequestration, however, our small family farms, and in turn our cooperative, are not immune to climate impacts. Natural resource scarcity, extreme weather events, changes in seasonal patterns, and increased pest pressure all pose risks to our farmer-owners.

Warm temperatures between 60°F and 80°F in the summer are critical for cranberry plants to mature prior to the fall harvest. As a perennial plant, the dormant winter months are also important to the lifecycle of the plant. These general fluctuations in weather are crucial for the lifecycle of the cranberry, however, extremes can be harmful both to the current crop and next season's buds waiting on the vine.

- ***Flooding:*** Cranberries have the capacity to take on extra water in the event of a flood due to the characteristics of a wetland. Many farmers proactively flood their cranberry bogs to reduce risk of flooding in the local communities. However, wetlands only have so much buffering power and heavy rainfall or flooding can negatively affect growing conditions and result in poor quality, soft fruit.
- ***Extreme Temperatures:*** Hotter summers with extreme heat can cause heat stress with injury to vines and cranberry flowers. It can also be too hot for the bees to pollinate! In 2022 alone, high temperature days in the British Columbia region shifted that area's harvest by two weeks, affecting operations and fruit quality. Warmer winters make it harder to keep a layer of ice intact for protecting the cranberry plants. Temperatures that frequently cycle during the winter months can also cause abnormal blossoming, called an "Umbrella Bloom," where the stem above the flowers does not grow or only grows slightly, resulting in lower fruit yields.
- ***Pest Pressure:*** Many cranberry pests, weeds, and diseases thrive under warmer temperatures, wetter climates, and increased CO_2 levels. Our farmers have seen increases in the geographic distribution and survival rate of pests during over-wintering, as well as a disruption of natural enemies. Failure to minimize pest pressures can result in severe crop loss, vine damage, or loss of large portions of production area.

Ingenuity and collaboration have been important in trying to address these concerns. For example, cranberry breeding programs have historically been focused on yield and fruit characteristics, but a recent focus on enhanced fruit rot resistance, which can be brought on by more rapid temperature and moisture changes, has gained momentum. Additionally, moisture meters and tensiometers are used by farmers to make sure that water is only used when the plants need it. Farmers monitor their bogs for early fall frost and leverage sprinkler and irrigation systems to blanket and protect the cranberry vines and fruit from potential damage. The blanket of water will freeze, and in this process insulate the vines below. In the event of heavy rain or flooding some farmers will divert runoff to other reservoirs or other farms to mitigate local flooding.

Cranberries are impacted by:

- **WEATHER EVENTS**
- **PEST PRESSURES**





A BOUNTIFUL BERRY

One of our goals in the receiving and manufacturing process is to use almost every part of our farmers nutrient-rich cranberries.

We're so proud that we leave little to waste, as approximately 95 percent of our cranberries are utilized to create our delicious products!*

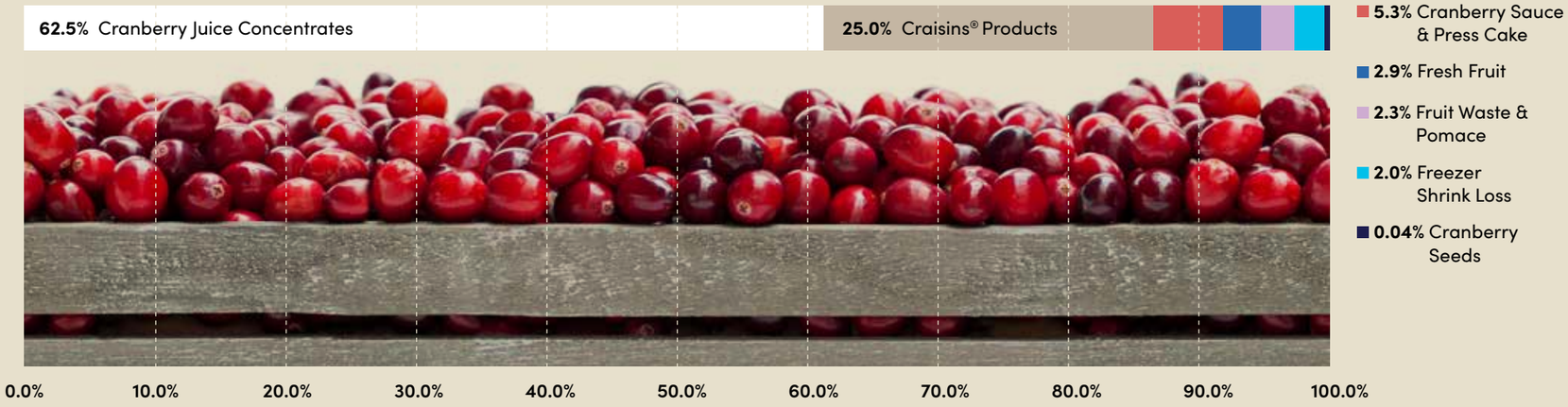
- ***Freezing for Use.*** The majority of our fruit is sent to a freezing step so we have it available all year long to supply production needs. During the freezing process there is a small amount of loss due to what we describe as "Freezer Shrink" caused by evaporation of water.
- ***Concentrate.*** Frozen fruit is carefully pressed into a nutrient dense juice at our processing plants. Approximately 75 percent of the water removed from the cranberry juice concentration process is reclaimed through reverse osmosis and evaporation technologies. This reclaimed water is used in our plant operations such as fruit washing, extraction, and sanitation of equipment.
- ***Hulls and Press Cake.*** During the fruit pressing process, hulls and press cakes are created. The cranberry hulls, which are high in fiber, are collected and upcycled to create Craisins® sweetened dried cranberries. The press cake is collected and frozen for later use in making our beloved Ocean Spray® Cranberry Sauce.
- ***Fresh.*** Fresh cranberries are packaged right away direct from the farm.

That remaining small amount of fruit waste pomace is composted. However, we are funding several research programs to understand alternative upcycling opportunities to drive value back to our farmer-owners.

*Calculations based on net fruit received at Ocean Spray Receiving Stations.

We are always trying to find ways to upcycle our waste. Most recently we've integrated a process to capture cranberry seeds that are full of fiber and omega 3 and 6 fatty acids. These are currently sold through our ingredient division along with other terrific cranberry products.

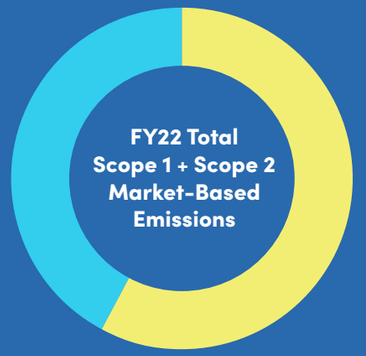
BOUNTIFUL BARREL (100 lbs of cranberries/barrel — percentages based on fruit solid pound breakdown)



GREENHOUSE GAS EMISSIONS

UNDERSTANDING OUR FOOTPRINT

Ocean Spray is on a journey to do our part to combat climate change. We have inventoried our Scope 1 & 2 GHG emissions using energy data gathered from across our facilities following the GHG Protocol and are in the process of assessing our Scope 3 emissions. We understand that agriculture and manufacturing accounts for a large proportion of global greenhouse gas emissions and are working toward reducing our impact across our entire value chain. Reducing our impact will not only help the planet but will also protect the future of our farmers' bogs.



OUR GHG EMISSIONS FOOTPRINT* (in tonnes CO_2e)

Emissions Category	FY20	FY21	FY22
Scope 1 total emissions	77,774.41	76,568.03	**81,690.90**
Scope 2, location-based	66,060.08	64,308.77	**59,029.35**
Scope 2, market-based	64,492.15	64,340.59	**59,200.22**
Total (S1 + S2 location-based)	143,834.50	140,876.80	**140,720.20**
Total (S1 + S2 market-based)	142,266.60	140,908.62	**140,891.10**

REDUCING ENERGY USE

ANNUAL AVOIDANCE OF OVER

9,000

TONS OF CO_2e

In 2014, Ocean Spray partnered with World Energy Innovations (WEI) during the construction of our Lehigh Valley, PA plant (LHV) to maximize efficiencies of our heating, pasteurization, and ventilation. The renovations led to an annual avoidance of over 9,000 tons of CO_2e from electricity and natural gas usage compared to the estimated utility usage of Ocean Spray's initial system design. The resulting infrastructure installed at LHV serves multiple thermal loads with a heat source other than steam, integrates the process with the facility, and paves the way for an energy transition plan for a reliable, clean energy future.

USING SMART CONTROL

89.9%

CUT IN LIGHTING-RELATED ELECTRICITY CONSUMPTION

In 2019, Ocean Spray's processing facility in Middleboro, MA cut lighting-related electricity consumption by 89.9% through investments in smart control technology. By integrating wireless sensors into existing LED lighting fixtures, our energy team can easily control lighting schedules and access data to track and reduce energy use.

MANAGING ENERGY

2,000,000

KWH SAVED PER YEAR

Ocean Spray's processing facility and receiving station in Markham, WA has achieved a savings of over 2,000,000 kWh per year through capital investments and targeted energy management projects sitewide.

CAPTURING & USING METHANE

1,000

CUBIC FEET PER MINUTE OF WASTED GAS COLLECTED

Ocean Spray's manufacturing facility in Wisconsin Rapids, WI partners with a nearby landfill to collect 1,000 cubic feet per minute (CFM) of waste gas and convert it into renewable energy. Landfill gas consists primarily of methane, which is 25 times more potent than carbon dioxide at trapping heat in the atmosphere (EPA). Our Wisconsin Rapid's landfill project captures between 60 and 90% of all methane emissions from landfill gas and puts it to work in our fuel boilers, instead of letting it escape into the atmosphere.

*Notes:

Scope 2 calculations have been adjusted to reflect both market-based and location-based emissions, as specified by Greenhouse Gas Reporting Protocol.

Scope 1 and 2 emissions calculations include relevant GHG as specified by the Greenhouse Gas Reporting Protocol. Emission factor sources include:

Scope 1: EPA Emission Factors for Greenhouse Inventories, National Inventory Report 1990-2019: Greenhouse Gas Sources and Sinks in Canada, IPCC Fourth Assessment Report: Climate Change 2007, IEA (2021), Emission Factors. 2021 UK Government Conversion Factors for Company Reporting

Scope 2: EPA Emissions & Generation Resource Integrated Database (eGRID), Green-e Residual Mix Emissions Rates (2019 Data)

The current scope includes all Ocean Spray owned facilities (e.g. processing plants and receiving stations).
The current scope does not include leased office buildings, contract manufacturers, or contract packers.

GREENHOUSE GAS EMISSIONS (CONTINUED)

We have inventoried our Scope 1 & 2 GHG emissions using energy data gathered from across our facilities following the EPA's GHG Protocol and are in the process of understanding our Scope 3 emissions.

▸ SCOPE 1 and 2

Our Scope 1 direct emissions are being generated at our plants, receiving stations, and Ocean Spray owned facilities.

Our Scope 2 indirect emissions result from the off-site generation of purchased utilities such as electricity and natural gas.

▸ SCOPE 3 (Value chain emissions)

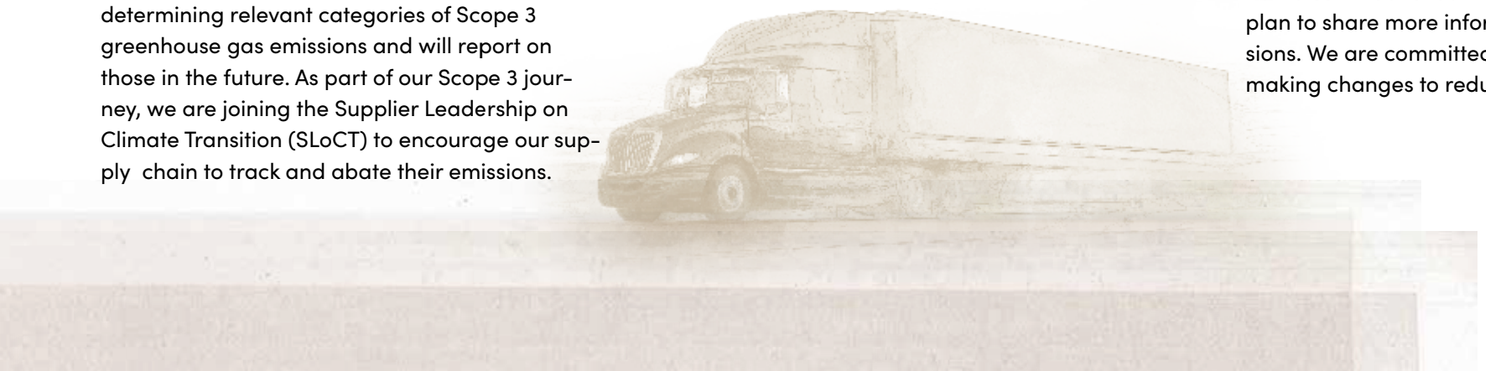
We are proud of the work we have completed to track and understand our Scope 1 and 2 emissions, but we know our Scope 3 value chain emissions make up a significant portion of Ocean Spray's total footprint. We are working towards determining relevant categories of Scope 3 greenhouse gas emissions and will report on those in the future. As part of our Scope 3 journey, we are joining the Supplier Leadership on Climate Transition (SLoCT) to encourage our supply chain to track and abate their emissions.

Ocean Spray has already begun tracking and analyzing some Scope 3 data. Based on our initial spend-based investigation, we estimate that most of our Scope 3 emissions are from purchased goods and services and transportation. In our priority areas, we are identifying opportunities, engaging in multi-stakeholder planning, and implementing meaningful action toward better understanding our impact:

Transportation & Distribution

- Ocean Spray has been a US EPA SmartWay® Partner since 2008. This program is dedicated to improving our transportation energy footprint throughout our distribution network by optimizing delivery routes where possible and using modern, more fuel-efficient equipment. Since 2019, over 80% of the third-party logistics providers we work with are SmartWay® participants.

SmartWay® Transport Partner
Getting There With Cleaner Air



Agricultural Production

- We are partnering with Yale University to understand how cranberry farming supports carbon sequestration. This project is in progress and is looking into the role cranberry farms and their supporting lands play in the carbon cycle. The goal is to better understand, measure, and verify the carbon that is sequestered by our farming operations.

Yale SCHOOL OF THE ENVIRONMENT
The Forest School

- In addition to carbon sequestration, we understand that our farmer-owners also emit emissions throughout the year. We are also planning to do more research into understanding this impact as well.

We are also striving to better understand our other Scope 3 emissions such as:

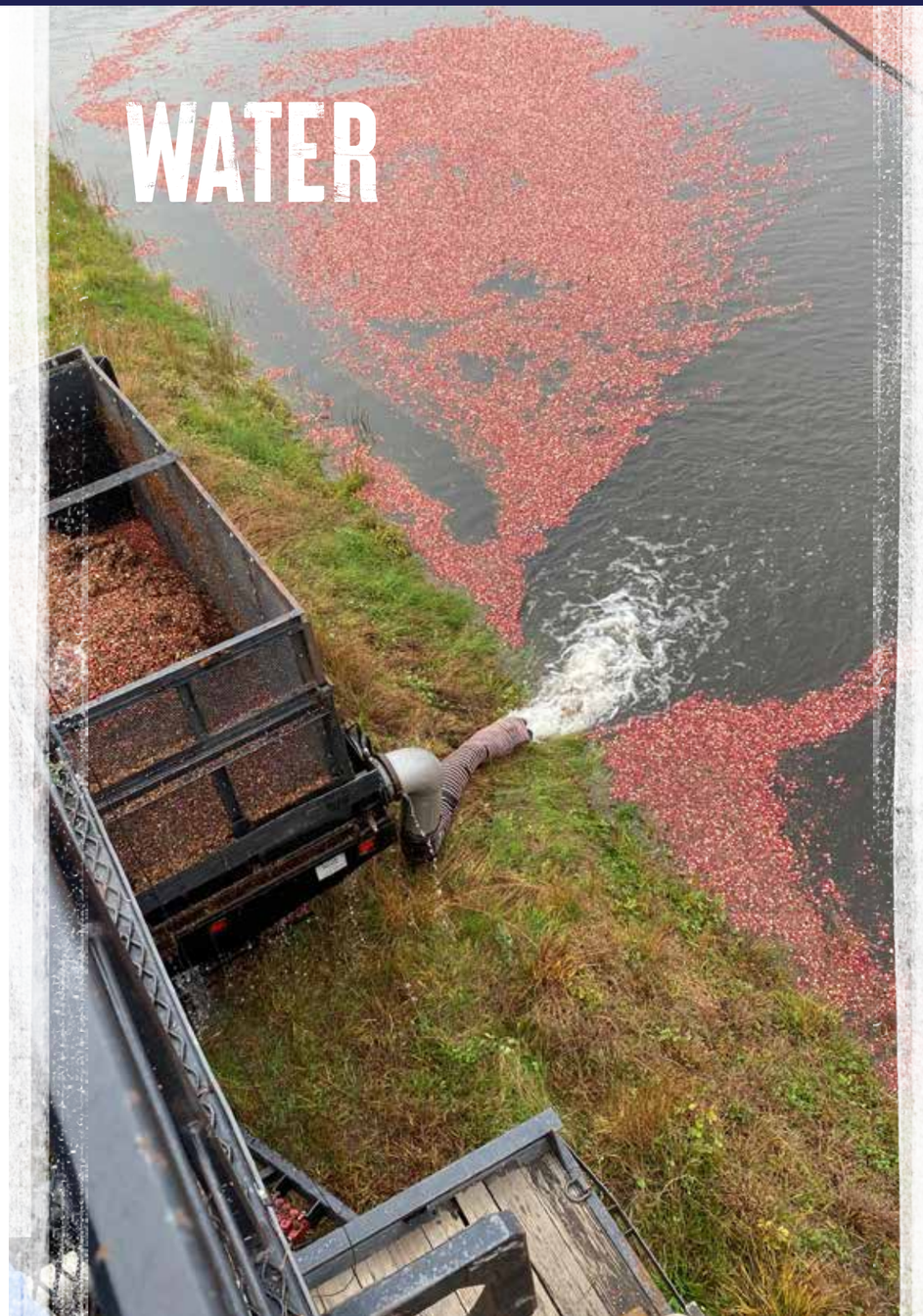
- Business travel and employee commuting
- Processing of sold products
- End-of-life treatment of our products

As we continue to learn more about our footprint, we plan to share more information regarding our emissions. We are committed to learning, tracking, and making changes to reduce our impact.

Supplier LoCT
Leadership on Climate Transition

Supplier Leadership on Climate Transition

Ocean Spray is acting on our commitment to address climate change through our participation in Supplier Leadership on Climate Transition, a collaboration among major consumer brands and their suppliers to reduce carbon emissions. Supplier LoCT equips global suppliers through a series of brand-sponsored, expert guided, online learning seminars developed to enhance climate literacy and fast-track navigating the transition to a low-carbon future. Supplier LoCT suppliers are turning actionable instruction into scope 1, 2 & 3 greenhouse gas footprints, committing to and submitting science-based targets, developing emission abatement strategies and progress disclosure frameworks with more speed and confidence than ever imagined.



WATER

On Farm

CONTRARY TO popular belief cranberries do not grow in water. Typically, bogs are only flooded to facilitate harvest and to protect the beds under a layer of insulating ice during the winter.

Water quantity is crucial to the continued cultivation of cranberries and resilience of our farms. Water is recycled and reused from bog to bog and farmer to farmer. As a finite resource, farmers use grit and ingenuity to solve water resource issues. The interconnected nature of wetlands and cranberry bogs allows bogs to harbor stormwater in the event of a flood or spread the wealth of water during a drought.

Water quality is also critical to cranberry agriculture and the health of the surrounding environment and communities. Nutrients added for increased yield and quality are closely monitored. Excess nutrients drive the plants to produce more vegetation as opposed to berries so over fertilization is not good for business or the environment. To monitor nutrients availability, plant tissues and soil are tested to ensure that nutrients applied matches the uptake of the cranberry plant.

Many Ocean Spray farmers have also included new technologies on farm that help conserve and preserve water. Bed temperature monitoring and moisture probes assist farmers and alert when beds are in need of water, or a frost is about to occur. Frosts can be detrimental to their crop so farmers must closely monitor their beds in the fall months and these new tech advances give farmers an added layer of security. Tensiometers are used to measure soil moisture and ensure that irrigation occurs only when the plant requires it. Other advances in water conservation and preservation are auto-irrigation systems and water sharing between beds and farmers.

OUR GOAL IS TO PROTECT THE QUANTITY AND QUALITY OF OUR WATER ON FARMS FOR GENERATIONS TO COME.





At Our Plants

AS A FOOD AND BEVERAGE COMPANY, we understand that manufacturing of our products can be a water intensive process. Not only is water a key ingredient in many of Ocean Spray's products, but it is also used extensively through the end-to-end production process in utilities, processing, cleaning, and sanitation.

Our plants have taken innovative measures to reduce water usage during the manufacturing process, including:

- Implementing specialized recapture and reuse technology
- Monitoring water use through innovative sensors
- Improving design and process controls
- Recirculating utilities during pasteurization and cooling
- Trainings for team members
- Prioritizing repairs and maintenance to eliminate leaks
- Securing water systems when equipment is not in service

To better understand our water footprint and begin developing an action plan to minimize our water impacts, we will be conducting a water assessment both on-farm and at our manufacturing facilities. Our initial risk and opportunities assessment will include core commodities that account for the majority of ingredients, relevant materials, and processing facilities. We are committed to continuous improvements in the ways our cooperative monitors, reviews, and adjusts our water footprint and look forward to reporting about these updates in the future.

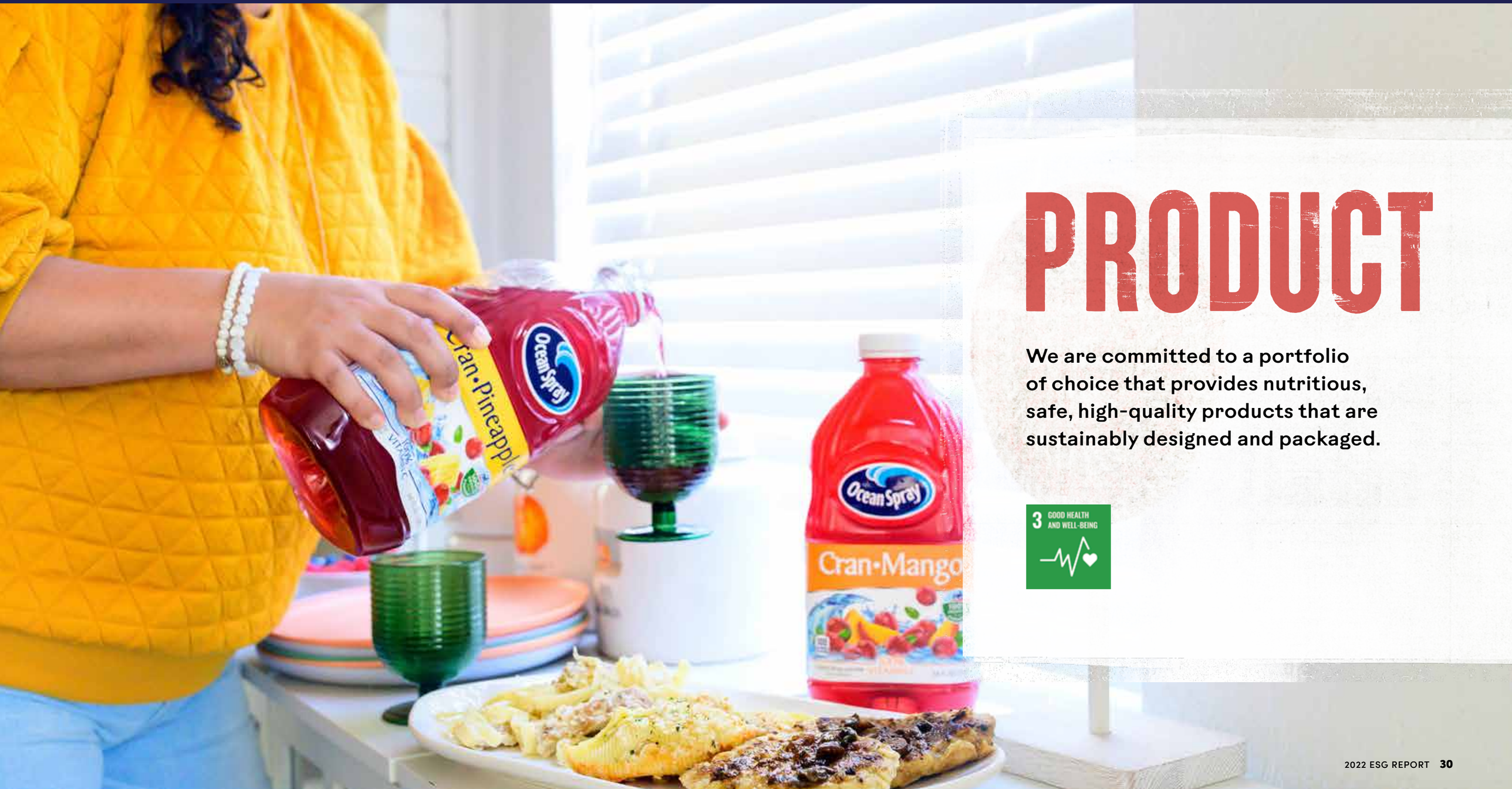




In 2022, Ocean Spray's Wisconsin Rapids, WI processing facility secured funding for a two-part **CONDENSATE RECOVERY IMPROVEMENT PROJECT** to collect condensed water and steam from the production of sweetened dried cranberries and reuse it for heating, reducing the amount of discharge water flowing to treatment facilities.

Our food processing facility in Middleboro, MA invested in a **REVERSE OSMOSIS PERMEATE RECOVERY AND RECIRCULATION SYSTEM** that takes a portion of the flow that would have gone to wastewater treatment plants and feeds it to a filter in a continuous loop.

Ocean Spray's beverage manufacturing facility in Lehigh Valley, PA implemented a rinse water recovery project to reduce the amount of water needed to flush equipment during flavor changes. The investment has led to an **ANNUAL SAVINGS OF 3.8 MILLION GALLONS OF WATER.**



PRODUCT

We are committed to a portfolio of choice that provides nutritious, safe, high-quality products that are sustainably designed and packaged.

3 GOOD HEALTH AND WELL-BEING

OUR PORTFOLIO OF

PRODUCTS

We want our global consumers to have variety—drink a juice that packs a nutritious punch, maybe indulge in a snacking favorite, or just grab that traditional holiday sauce staple. Our goal is to provide only the best quality, with an amazing assortment of delicious options. We are so proud of our product portfolio, and know our loyal consumers love it too.





Visit oceanspray.com/products for more information.



OCEAN SPRAY
INGREDIENTS

OCEAN SPRAY INGREDIENTS creates innovative cranberry ingredients to suit your needs! Ocean Spray's success in bringing cranberries to food and beverages manufacturers has secured its place as one of the world's premier fruit ingredient suppliers, selling to over 70 countries worldwide. Different cranberry formats add value to products in sectors as diverse as breakfast cereal, confectionery, dairy, salads, snacks and bakery!

Ocean Spray Ingredients offers a wide range of products including dried cranberries, frozen fruit, puree, and concentrate, so there is an exciting ingredient to suit different end product requirements. Ocean Spray's passion for cranberries, depth of scientific knowledge and market understanding allow for highly innovative ingredient development. The Ocean Spray Ingredients team works in close partnership with food and beverage manufacturers to bring successful new products to market across the globe.

Ocean Spray operates via a global network of distributors across North America, Europe, Africa, South America, Middle East, Asia and Australia.

APPLICATIONS


Baking


Dairy


Chocolate & Confection


Appetizers & Dishes


Cereal


Snacking


Smoothies & Beverages


Salad

Visit oceanspray.com/ingredients for more information.

THE POWERFUL

CRANBERRY

Cranberries are one of Mother Nature's superfruits! With powerful nutrients and well-documented health benefits, the cranberry can play an important role in a balanced diet and healthy lifestyle. The healthfulness of the cranberry begins at the farm. Our farmers pour their hearts into growing the fruit every day. Cranberries aren't only delicious—they're also packed with surprising health benefits. Here's what they can do for you.

The Berry

This superfruit promotes many unique health benefits from the inside out. Among the more well-known benefits are the anti-bacterial properties that help prevent certain bacteria from sticking within the body and causing urinary tract infections. The cranberry is also naturally low in sugar and packed with antioxidant polyphenols. It addition, the cranberry contains essential vitamins, minerals, dietary fiber and more!

Whole Body Health

Research suggests that there are multiple, powerful elements found within cranberries that are linked to a variety of benefits. Besides helping consumers meet their recommended daily fruit intake, cranberries work hard for your whole body and may help support urinary tract, stomach, oral and heart health.

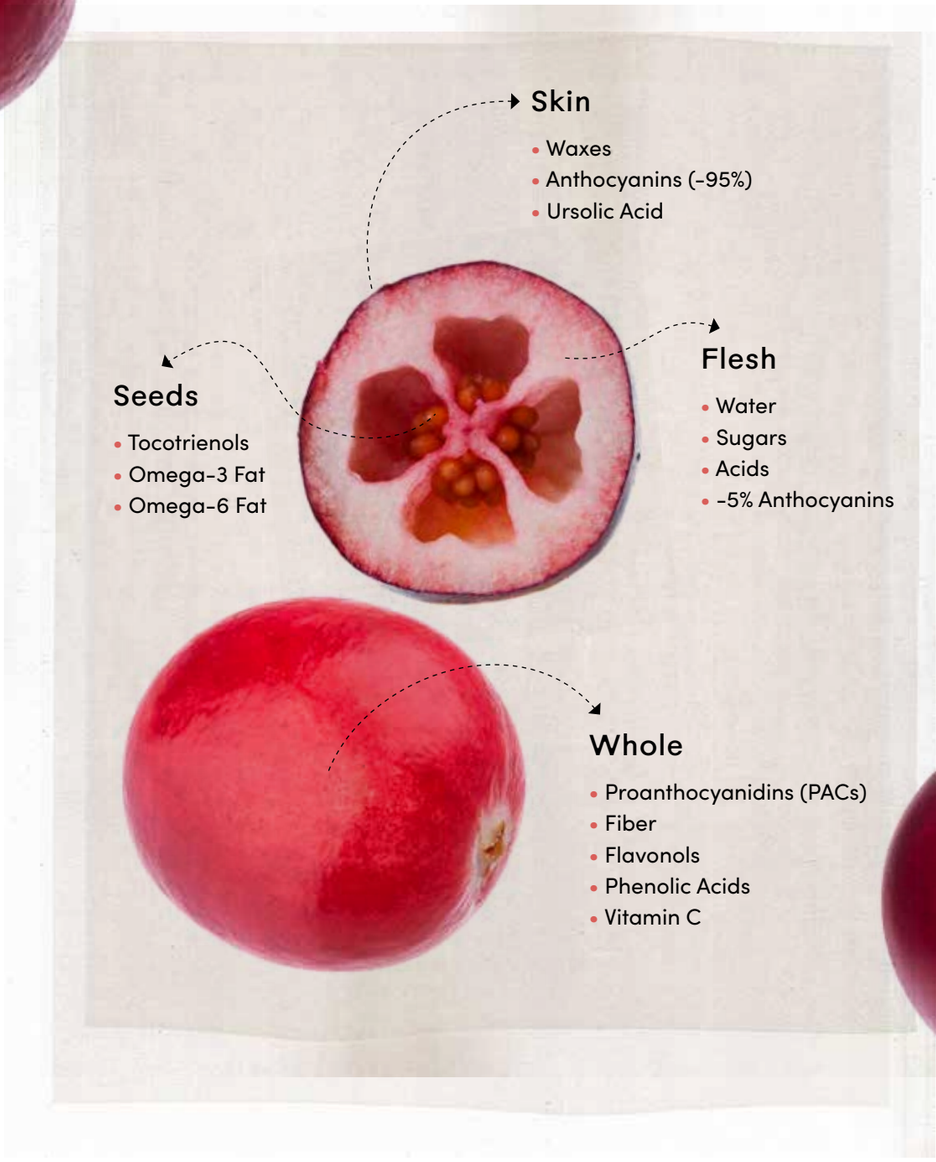


Antioxidants

Cranberries are a rich source of polyphenols with antioxidant activity. However, cranberries are not always on the list of antioxidant-rich berries most people can name. When thinking about antioxidants, berries like blueberries, raspberries, or strawberries are more likely to come to mind. However, cranberries are bursting with more beneficial polyphenol antioxidants than other commonly consumed fruits.

Prebiotics

In recent years, you've likely heard the terms "prebiotics" and "probiotics" countless times. If you're still not sure what they mean, the main idea is that prebiotics and probiotics can be used to keep the good gut bacteria balanced. Probiotics, or beneficial bacteria, have been hailed as the ultimate support for the immune and digestive systems, however, probiotics would not be effective without prebiotics. Prebiotics are food ingredients that fuel the probiotics you consume and good bacteria in your gut. A new study suggests that a carbohydrate found in cranberries may have prebiotic benefits for gut bacteria.



FDA QUALIFIED HEALTH CLAIM

"Limited and inconsistent scientific evidence shows that by consuming one serving (8 oz.) each day of a cranberry juice beverage, healthy women who have had a urinary tract infection (UTI) may reduce their risk of recurrent UTI."

CRANBERRIES are the only food with an approved qualified health claim from FDA for reducing an infectious disease (recurrent UTIs) with the consumption of certain cranberry products. Qualified Health Claims were instituted by the FDA as part of the Consumer Health Information for Better Nutrition in 2003.

Before approving the qualified health claim, the FDA reviewed a great deal of scientific research conducted throughout the past 25 years that has looked at how the cranberry can help reduce recurrent UTIs in women who suffer from chronic UTIs.

The FDA's announcement of a qualified health claim for certain cranberry products and recurrent UTIs is fantastic news for Ocean Spray and our consumers. Ocean Spray first submitted its petition to the FDA on September 8, 2017 and the FDA responded with its decision on July 21, 2020. The Qualified Health Claim applies to cranberry juice beverages containing at least 27 percent cranberry juice and cranberry dietary supplements containing at least 500 mg of cranberry fruit powder (100 percent fruit). Hence, we now can use the language to make a qualified health claim related to recurrent UTIs for several of our existing cranberry products:

- Ocean Spray® 100% Cranberry Juice
- 100% Organic Cranberry Juice
- Ocean Spray® Cranberry Juice Cocktail
- Ocean Spray® Light Cranberry Juice Drink
- Ocean Spray® Pure Cranberry

This qualified health claim is distinct from the sort of structure/function claims about cranberries that you may already have seen in the market. A structure/function claim explains how a nutrient might help improve a normal structure or function of the body (e.g. "calcium helps build strong bones"). The qualified health claim FDA has announced permits a bit more to be said, by informing consumers that the scientific evidence, while still characterized by FDA as limited and inconsistent, demonstrates that covered cranberry products "may help reduce the risk of recurrent UTI's in healthy women."

UTIs are more prevalent in women than men, and frequency can increase with age. According to the World Health Organization, an estimated 50 percent of women report having had a UTI at some point in their lives and account for 8.3 million office visits and more than 1 million hospitalizations, resulting in an annual cost greater than $1 billion. Given these statistics, this qualified health claim is an exciting development for consumers, and potentially the health care industry.*

WE ARE PROUD THAT THE CUMULATIVE RESEARCH CONDUCTED OVER 25 YEARS ALLOWED CERTAIN CRANBERRY PRODUCTS TO HAVE THE FIRST QUALIFIED HEALTH CLAIM FOR A FOOD TO HELP ADDRESS AN INFECTIOUS DISEASE!



*Notes:

Tang M, Quanstrom K, Jin C, Suskind AM. Recurrent Urinary Tract Infections are Associated With Frailty in Older Adults. *Urology.* 2019;123:24-27. doi:https://dx.doi.org/10.1016/j.urology.2018.09.025

Foxman B. Urinary tract infection syndromes. Occurrence, recurrence, bacteriology, risk factors, and disease burden. *Infect Dis Clin North Am.* 2014;28(1):1-13. doi:10.1016/j.idc.2013.09.003

Foxman B. The epidemiology of urinary tract infection. *Nat Rev Urol.* 2010;7(12):653-660. doi:10.1038/nrurol.2010.190

PACKAGING

Not only do we care about the ingredients in our products, but we also strive to be purposeful with the packaging used to protect our products.



WAYS WE REDUCE

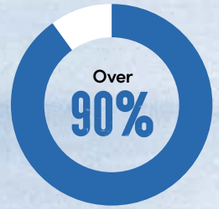
We are working on projects that reduce packaging material through a variety of light weighting initiatives.

WHAT WE REUSE

We strive to utilize recycled content and fiber from verified sustainably managed forests and are researching Post-consumer Resin (PCR) content in hot filled product application.

WORKING TO RECYCLE

We are researching solutions for improved recyclability of hard to recycle materials. It is important for our consumers to know what to do next after finishing their product, so we have added How2Recycle® labels on U.S. retail packaging to give the consumer clear instructions on how to recycle or throw away the packaging.



How2Recycle

Over 90% of Ocean Spray's U.S. retail portfolio is labeled with a How2Recycle® label on pack.

Multi-Year Packaging Strategy

OCEAN SPRAY is investing in a multi-year plastic resin reduction redesign for our flagship 60/64 oz. bottle packaging. Because plastic accounts for 4.5 percent of the world's total emissions[1], Ocean Spray strives to lower our footprint by reducing our reliance of petroleum-based products.

This investment is building upon an already strong commitment to innovative packaging. Over the past decade, we have focused on innovative packaging to reduce excess material and to move more products per pallet and fewer pallets per truck, reducing the number of shipments needed and decreasing our transportation emissions. Our redesign of a 25-pound box of dried cranberries yielded additional environmental benefits of 22 percent forest fiber savings and reduced plastic packaging by 34 percent.

BEVERAGE INDUSTRY ENVIRONMENTAL ROUNDTABLE

The Beverage Industry Environmental Roundtable (BIER) coalition is to work together to advance environmental sustainability within the beverage sector. We work with BIER members to share best practices and solve challenges together to deliver a more sustainable future across our supply chain from farmer to manufacturer to consumer rooted in data-based metrics.

[1]https://www.nature.com/articles/s41893-021-00807-2

Project Highlights[2]

1

REMOVING VIRGIN PLASTICS

PCR "dog bone handles" removed 330,000 lbs of virgin plastic from our system in 2022 (based on 2022 production volumes)



2

REMOVING CORRUGATED MATERIAL

Implemented two projects that removed 1.9 million lbs of corrugated from our system in 2022 (based on 2022 production volumes)



3

rPET IN EUROPE

2022 implemented rPET (recycled PET post-consumer plastic containers/bottles) in Europe removing over 1 million lbs of virgin plastic from our system in 2022 (based on 2022 production volumes)



4

REDUCING VIRGIN RESIN

Investing in an additional 10 percent reduction in plastic virgin resin in our flagship 60/64 oz. bottle in 2024



[2]These images are representative examples of our innovative packaging projects.

FOOD SAFETY AND QUALITY

We are part of the Global Food Safety Initiative (GFSI) with our facilities certified as SQF Code for Food Manufacturing, Edition 9.0. Food safety and quality key performance indicators (KPIs) are established and reviewed on a monthly basis to ensure continuous improvement across the network.

OUR APPROACH to Food Safety and Quality Assurance (FSQA) is simple but vital: deliver safe, compliant, premium quality products, every day, everywhere.

We comply with all relevant food and safety standards, including:

- Code of Federal Regulations
- Safe Quality Food (SQF) Code requirements
- Global Food Safety Initiative approved scheme
- Ocean Spray Quality Operating Standards (QOS) including Product Safety and Process Control (PS&PC) documents
- FDA guidance applicable to processing and packaging our products
- Under the Food Safety Modernization Act (FSMA), we have implemented mandatory preventive controls for food facilities
- Maintain Sanitation Standard Operation Procedures (SSOPs) and Hazard Analysis and Critical Control Points (HACCP)
- Customer requirements

OUR POLICIES include food defense and food fraud to assess vulnerabilities and ensure sourcing of wholesome/authentic materials, respectively.

FSQA Audits are performed to test robustness of our system and to build a FSQA culture of continuous improvement.

In Fiscal Year 22, Ocean Spray's company owned manufacturing facilities achieved an average SQF Audit Score of 94/100.

FOR CONSUMERS AND CUSTOMERS, we have a well-established process for quality investigation, that includes incident notification, escalation, retrieval of sample (if applicable) followed by a strong corrective actions and preventive actions (CAPA) program. We handle each complaint with the utmost due diligence.



PEOPLE

We put people first. We make investments in our team members, raise up the communities we serve, and support the livelihoods of our team members and our farmers.

8 DECENT WORK AND ECONOMIC GROWTH





OUR TEAM MEMBERS

We have more than 2,000 team members across this cooperative united in purpose: to connect our farms to families for a better life. Our job as a company is to care for their well-being (physical or otherwise), create space where they can bring their whole, authentic selves to work, and make sure we do the right thing for our cooperative, our business, and each other.

Award-Winning Benefits

We want our team members to bring their energy and passion to work every day and feel secure in knowing they and their families are well taken care of when it comes to their physical and mental health.

Ocean Spray's comprehensive benefits programs cover a wide array of services to meet team member needs. We endeavor to lead in offerings that are as diverse as our team members. A true hallmark of our benefits: inclusivity and breadth. Strong mental health services, reproductive care options, transgender services, paternity leave or caregiver support, we pride ourselves on providing the best care for the team that cares for this cooperative. It's why Ocean Spray in 2022 was again named a 2022 Workwell Massachusetts Award.

Leading with Learning

Ocean Spray is dedicated to offering opportunities, resources, and experiences that enhance team members' professional development and contribute to their personal growth. Whether onboarding or ongoing training, voluntary learning programs and conferences, leadership development, or tuition reimbursement, Ocean Spray recognizes that investments in our team members are investments in the future and long-term health of our cooperative.





"THE PEOPLE WHO ARE HELPING THIS COOPERATIVE GROW AND THRIVE ARE OUR ENGINE. THEIR DIVERSE TALENTS, BACKGROUNDS, CULTURES, AND KNOWLEDGE MAKE US BETTER AT WHAT WE DO. MORE IMPORTANTLY, THEY MAKE US A BETTER PLACE TO WORK."

—Sarah Evans, *Chief Human Resources Officer*





SAFETY ALWAYS

Ocean Spray champions and measures against five core principles that underpin our commitment to safety:

1 ▸ **THE SAFETY OF EVERY TEAM MEMBER IS IMPERATIVE.**

2 ▸ **ALL INCIDENTS ARE PREVENTABLE.**

Over the past five years, Ocean Spray's average OSHA Recordable Injury and DART (Days Away, Restricted or Transferred) Injury rates have been within the top quartile among our industry peers.

3 ▸ **WE MEET OR SURPASS ALL SAFETY REGULATORY REQUIREMENTS.**

We have a rigorous internal audit program, which recently included inviting OSHA into our plants/receiving stations through two cooperative safety programs: SHARP (Safety & Health Achievement Recognition Program) and VPP (Voluntary Protection Program). At this time, two of our facilities have achieved SHARP or VPP status, with nine more actively engaged in the process, and one location obtaining state honors:

- Henderson – OSHA VPP Certificate (2022)
- Markham – Washington L&I SHARP Certification (2022)
- Sulphur Springs – Texas Lone Star Safety Certification (2022)



4 ▸ **SAFETY CAN ONLY IMPROVE WITH TEAM MEMBER ENGAGEMENT.**

In the spirit of continuous improvement, we have Ocean Spray's Behavioral Safety Observation (BSO) program. All team members proactively report physical or behavioral risks they observe, along with a recommendation for addressing those risks. Ocean Spray's team members are rewarded for those reports and recommendations, as their engagement is critical to this program's success.

5 ▸ **BEST PRACTICES GUIDE OUR SAFETY PERFORMANCE.**

Our locations do not operate in a vacuum—we share learnings and best practices such as new technologies, program implementation, reward systems, policies, and more across facilities.

SEDEX PARTNERSHIP

To ensure Ocean Spray adheres to our operations and supply chain commitments we joined Sedex in 2018. This membership organization provides us with the tools to manage and improve working conditions, adhere to responsible sourcing practices, and manage risks in our global supply chain.

We complete SMETA audits at all our manufacturing plants. SMETA is one of the most widely used social audit schemes in the world, providing a globally-recognized way to assess responsible supply chain activities, including labor rights, health & safety, environment and business ethics.



INCLUSIVE
TEAMWORK

IT'S ONE OF OUR CORE VALUES: we build diverse and inclusive teams that strengthen our cooperative. Whether through strategic DEIA (diversity, equity, inclusion, and advancement) work, active and engaged employee resource groups (ERGs), or cultural impact, we bring people together to deliver sustainable results for the farmer-owners that make up this cooperative.

- All new hires to Ocean Spray's Executive Leadership Team during the past two years have been women, including two women of color.
- We enhanced our recruiting, talent calibration, and promotion practices to be more inclusive of diverse perspectives, voices and candidates.
- We reinvigorated corporate polices to make sure we are providing equitable opportunities for all team members to advance their careers and treat all team members with equity.
- In 2021 we again received a 100 percent score from the Human Rights Campaign using their corporate equality index, making us a best place to work for LGBTQ equality.

Ethnic diversity
6%↑
in the past 2.5 years (U.S.)

52%
of Senior Leadership is female (director and above)

21%
of U.S. Senior Leadership is ethnically diverse

Our ERGs are voluntary, team member-led groups that help us continue to shape a diverse and inclusive workplace. They are an important voice that helps us build an equitable foundation for all team members. We take pride in our ERG programs, leveraging executive sponsors, supported through annual funding, and rewarding and recognizing the team members who lead the work.

CAREGIVERS
Made up of caregivers in all forms, their goal is to learn from each other, forming bonds and relationships with other team members across the co-op that care for family members, loved ones, or others.

MULTICULTURAL
The Multicultural ERG strives to increase cultural awareness, support talent development, and promote diversity. They help us grow, leveraging our cultural perspectives to shape the way we serve our stakeholders and consumers.

PRIDE
Our PRIDE ERG helps foster a supportive and affirming environment for lesbian, gay, bisexual, transgender, queer/questioning, intersex, and asexual (LGBTQIA) team members and their allies.

WOMEN'S COALITION
The Women's Coalition focuses on creating a sustainable framework for the professional growth of women at Ocean Spray, implementing initiatives designed to have a positive impact on women and the business.














OUR COMMUNITIES

OCEAN SPRAY'S farmer-owners and team members deeply value the importance of supporting the communities where we live and work. Ocean Spray is committed to growing and building healthy communities. Giving back is part of our culture and passion.

Team Member Giving

We make sure to support our team members personal philanthropy, offering three different options for them to maximize their time, talent, and dollars to support those organizations important to them and their communities.

- Matching Grants. Ocean Spray will match 50 percent up to $500 of a team member's charitable gift given to a 501c3 organization.
- Volunteer Days. Each year, team members are automatically provided two days off to participate in volunteer projects or events.
- Product Donations. Each year, Ocean Spray team members can donate up to 10 cases of select Ocean Spray products to the non-profit organization of their choice.

Community Fund

Through our Community Impact Grant Program, the Ocean Spray Community Fund provides resources to organizations that improve the quality of life in our communities. We are proud to partner with those organizations raising up their local communities, providing approximately $100,000 annually in small, impactful grants.

Ocean Spray Community Fund provides approximately

$100,000

annually in small, impactful grants

Will match grants

50%

up to $500 for charitable gifts



PROSPERITY

We believe through ethical business practices we can minimize risk and support the economic resilience of our agricultural cooperative.

8 DECENT WORK AND ECONOMIC GROWTH





$1.9B
in Net Sales
for FY22

100%
of Ocean Spray net proceeds from our farmer-owners' fruit go to our farmer-owners who make up our cooperative



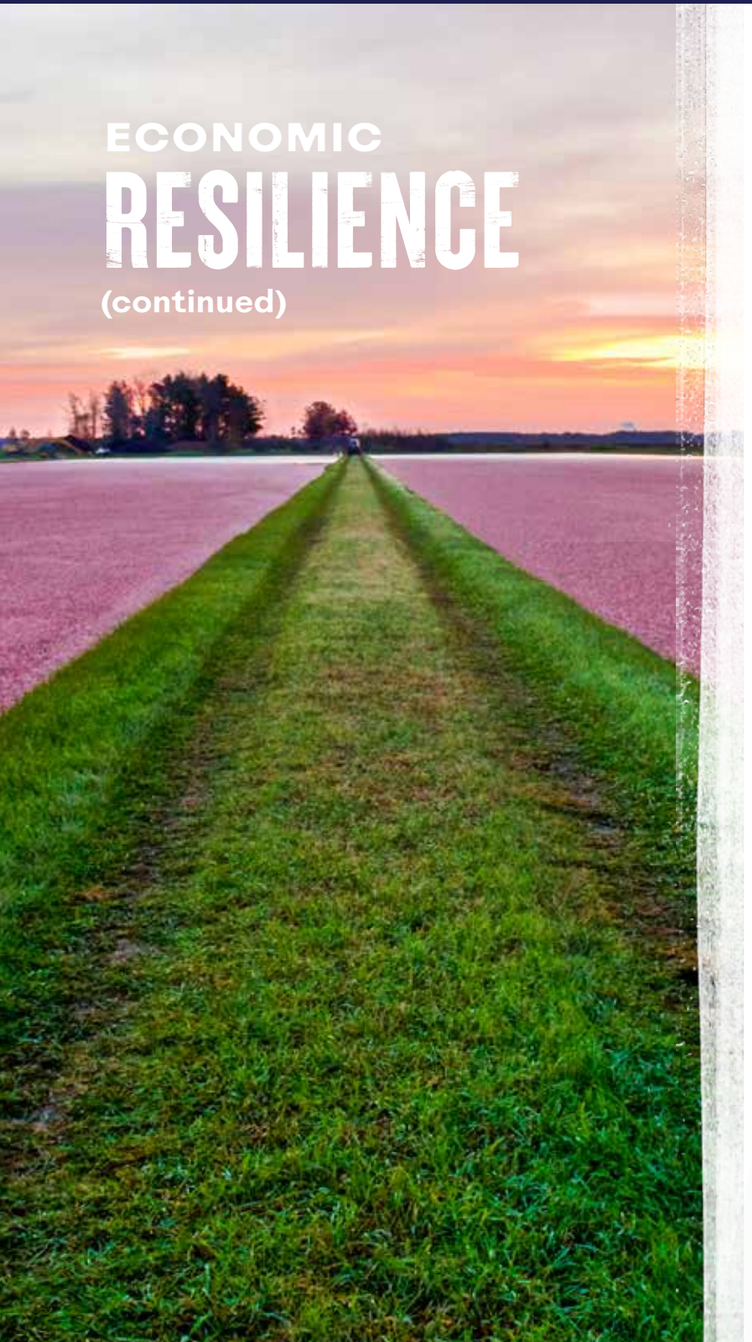
ECONOMIC RESILIENCE

As an agricultural cooperative, Ocean Spray's shareholders are our farmers. We distribute 100 percent of the profits we realize from our farmer-owner's fruit to our farmer-owners.

Ocean Spray is not a typical CPG (consumer packaged goods) company. Operating as a cooperative, Ocean Spray's shareholders are its farmer-owners. So they both deliver cranberries to the cooperative as patrons and own the company as shareholders. As shareholders, Ocean Spray's farmer-owners elect the Board of Directors, who oversee the business and work with the company's senior leadership team.

As patrons of the cooperative, our farmer-owners receive all of the profits realized from the sale of their fruit delivered to the cooperative. In turn, farmer-owners invest those dollars in improvements to their farms, land and the quality of their crop. This cycle of reinvestment in their farms not only ensures a high quality product from our farmer-owners, but helps them keep their farms running for generations.

With farmer-owners who are heavily vested in their farming tradition—and in the cranberry itself—the cooperative can continue to produce high-quality and wholesome products that support our farmers and benefit our consumers.



ECONOMIC RESILIENCE (continued)

Ocean Spray's Cooperative Structure allows everyone to focus on their strengths. Our Board of Directors represents all growing regions with three year terms. Strategic Advisors to the Board, augment the Board with external lens, knowledge, skills and experience.

Ocean Spray's governance structure has some uncommon attributes for a typical CPG company. Our Board of Directors is made up of 15 Directors—14 of whom are farmer-owners, and the other being our President and CEO. Our Directors are elected by the farmer-owners as shareholders. The make-up of the Board is intended to reflect the distinct regions of our cooperative, but all Directors represent the collective interests of all farmer-owners.

Like many companies, Ocean Spray has Board Committees. These include four standing committees—Audit, Governance, Talent & Compensation, and (somewhat uniquely) Grower. In addition, the Board has established a Grower Council, made up of farmer-owners from each of the regions, to provide more of the grower voice in advising the Grower Committee.

The company's management team members focus on the day-to-day operation of the business. This includes bringing nutritious and delicious products to consumers, while our farmer-owners focus on growing the best cranberries. The management team is driven by their passion for our farmer-owners, to help add more value for their crops, create more demand, and contribute to the sustainability of the cooperative.

HOW WE'RE STRUCTURED

15 Directors elected by our farmer-owners (as shareholders) on three-year terms representing all farmer-owners of the cooperative.

4 Standing Board Committees (Audit, Governance, Talent & Compensation, and Grower) that focus on certain specialized areas of responsibility, facilitating efficient review of specific issues.

3 Strategic Advisors retained by the Board of Directors to provide guidance to the Board based on their knowledge, skills and experience.

1 Grower Council made up of farmer-owners from each region to help advise the Board Grower Committee relating to grower-specific topics.

10 Senior Leaders (including the President and CEO) that oversee all operations of our business and report to the Board.





Integrity Above All

Code of Conduct

Ocean Spray's Code of Conduct represents our rules of the road. It establishes the behavior that each of us must expect from ourselves, our team members, and our cooperative as a whole. Grounded in our purpose and values, the Code ensures we act with Integrity Above All in every aspect of our work.

Policies

That Code is enhanced through our Policies and Procedures, which our team members are required through annual compliance training to learn and understand. It's how we hold each other accountable, and ensure the well-being of this agricultural cooperative.

At Ocean Spray's Corporate Offices, all new team members are required to complete the following trainings, with regular compliance refreshers on an annual basis:

- Conflicts of Interest
- PII and You (Personally Identifiable Information)
- Anti-Corruption and Anti-Bribery
- Security Awareness (i.e. Phishing & Data Security)
- Code of Conduct
  - Doing the Right Thing (Integrity Above All)
  - Playing by the Rules (Grower Mindset)
  - Working Together (Inclusive Teamwork)
  - Protecting Information (Sustainable Results)
- Preventing Discrimination & Harassment

Enterprise Risk Management

IN 2020, Ocean Spray further established an enterprise risk management (ERM) program to be both proactive and protective, a best practice approach that ensures we stand ready to manage any possible risk.

Structurally, we have a Management Risk Committee and Charter (to guide the Management Risk Committee), with clearly identified Risk Owners who have responsibility for all risk mitigation planning activities. These plans, and related actions, are reviewed with the Management Risk Committee and reported to the Audit Committee and Board, so that all levels of our organization have line of sight to protect our cooperative—and by extension our farmer-owners.

Political Contributions

WE BELIEVE it is important to engage with political candidates who support our cooperative's and farmers' interests. Federal policies and programs directly affect our cooperative, farmers, and employees. Ocean Spray's Political Action Committee (OSPAC) supports federal candidates who represent our farmers and facilities, and who reflect our values and hold constructive positions on important issues to our farmers, our cooperative, and the industry. OSPAC also contributes to Members who sit on a wide range of committees with jurisdiction over issues affecting our cooperative and farmers.

Cybersecurity

ONE OF THE larger risks to any organization is cyber—our unwavering goal is to always keep farmer, team member, and customer data secure. We have a robust information security department, focused solely on protecting information and systems from unauthorized access, use, disclosure, disruption, modification, and/or destruction. But it is not their job alone—all team members are required to understand and follow Ocean Spray's cybersecurity procedures, comply with regulatory and industry requirements, and follow best practices around reporting and responding to suspicious activity.

Ocean Spray's security program is based on the National Institute of Standards and Technology (NIST) Framework for Improving Critical Infrastructure and Cybersecurity, which includes policies and standards to keep information secure.

Ocean Spray is committed to sharing its expertise to strengthen the information security community at large. We have strong, active partnerships to share intelligence and cybersecurity risk across CPG and other business verticals. We will remain involved in many of the Cyber industry's key partnerships with intelligence and leadership teams to help promote information sharing and knowledge sharing.

OUR FUTURE FARMER LEADERS

Because our farmer-owners want to keep this cooperative thriving for another 100 years or more, our organization developed what we call the Ocean Spray Grower Academy, which develops future farmer leaders for the cranberry industry and our farmers' communities.

Any farmer, family member or farm employee is welcome to join for the entire curriculum or participate in individual classes that interest them.

▸ Ocean Spray Grower Academy

The learning model has three components:

- ***Learning from Instruction*** – Formal learning to provide the foundation of basic knowledge necessary to build upon and practice.
- ***Learning from Others*** – Coaches, mentors, feedback
- ***Learning from Experience*** – Developing from challenging assignments on/off the farm. Being placed in situations where you learn and apply new skills.

Launched in 2020, the first Ocean Spray Grower Academy class officially completed their coursework in Spring 2022 with 60 participants and 26 graduates who completed the full program. From this class alone, we saw seven different regions represented, from first generation growers all the way to sixth-generation. They are already making an impact on their farms, in their communities, and in the industry. John Moss of Wisconsin was elected to the Grower Council and Jill Ward of Massachusetts is now serving as an alternate on the Cranberry Marketing Committee.

"Having the ability to interact directly with different department heads and managers of Ocean Spray in an interactive and collaborative setting is invaluable. Whether new to Ocean Spray, or a multi-generational farm, I feel everyone would find Ocean Spray Grower Academy well worth their time," noted current Ocean Spray Grower Academy participant, Jan Brockman from Rodney Brockman Cranberries, LLC.









"WE CAREFULLY CRAFTED A CURRICULUM THAT SETS OUR COOPERATIVE UP FOR SUCCESS, WHILE NEVER LOSING FOCUS ON WHO WE ARE AS FARMERS. THERE'S NO TELLING HOW OUR OCEAN SPRAY GROWER ACADEMY GRADUATES WILL IMPACT OUR COOPERATIVE FOR YEARS TO COME."

—Jeff LaFleur, Vice President, *Grower Relations and Cooperative Development*

LOOKING FORWARD



Our Journey: Continuous Improvement

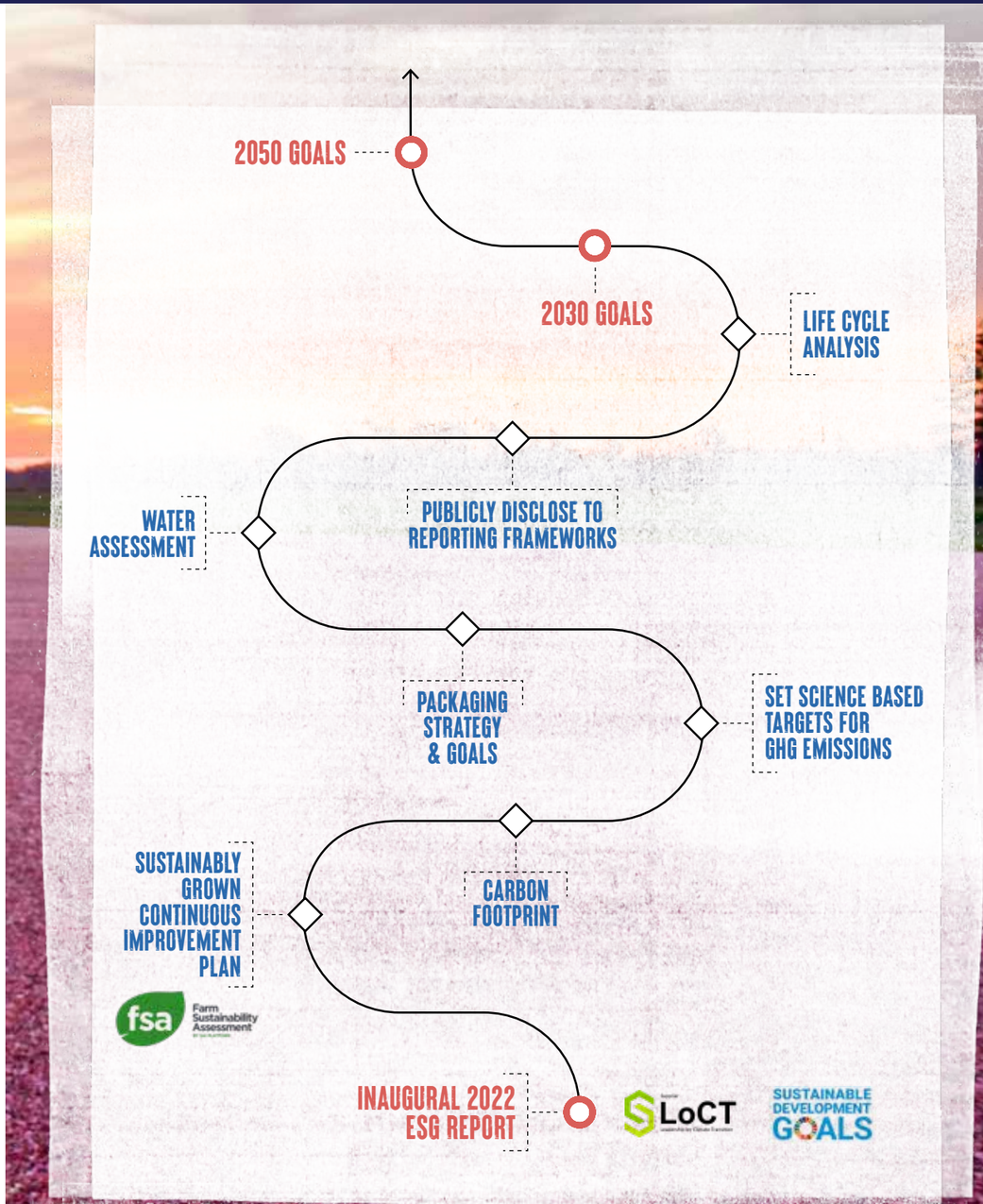
This is our inaugural report, a stake in the ground that establishes our commitment to doing right by the Planet, our Products, and our People, while also championing the longevity and Prosperity of our farmer-owners and this cooperative.

Looking ahead, we are prioritizing the following areas of focus in 2023 on our ESG journey:

- **Regenerative Agriculture:** With FSA at the core, ongoing progress to support cranberries unique ecosystem, regenerative agriculture and farming practices, and biodiversity at the farm-level.
- **Climate Change:** Continue our research and data collection for Scope 1, 2 & 3 to shed light on our carbon footprint and inform goals for reducing emissions for a net zero future.
- **Packaging:** Reducing, recycling and replacing packaging across the portfolio with a commitment to invest in capital and research, and solidify our strategy for a sustainable packaging portfolio by 2050.
- **Portfolio:** Ensuring our product portfolio choices meet the individual needs of our consumers, underpinned with food safety and high quality.

Our ESG strategy and approach is a journey, one always grounded in our purpose and values. We respect its dynamic nature and are committed to continuous prioritization, sequencing, and future refresh of the material topics critical for our key stakeholders. We believe that true impact is made when working to drive forward a better world—connecting our farms to families for a better life.

We look forward to sharing our progress.



CLOSING THOUGHTS

AND THANK YOU

Ocean Spray believes that our approach to ESG reflects our values and purpose to Connecting our Farms to Families for a Better Life. We thank all of you, our readers, for coming on this journey with us!

We'd like to also acknowledge and thank all that have made this possible:

- **Our farmer-owners**, who are the heart of our cooperative and deeply support our sustainability commitments and ESG journey.
- **Our ESG Steering Committee**, who continually challenged us to think broadly in our strategy, always prioritizing what is best for our cooperative, people, and planet.
- **Our external partners**, who provided integral guidance, insights, and support for this report, and across our ESG work.
- **Our internal Ocean Spray subject matter experts**, who contributed their time and talent to provide detailed information and data.
- **Most importantly, our extended Sustainability Team**, who spent countless hours documenting, connecting with key stakeholders, and verifying all of our metrics.

Report designed by Curran & Connors





For more information, please reach out to
sustainability@oceanspray.com

allthatpower.oceanspray.com





