



2024 SUSTAINABILITY REPORT



Table of Contents

OVERVIEW	3
<hr/>	
WORDS FROM LEADERSHIP	5
<hr/>	
CLIMATE	7
SCOPE 1	11
SCOPE 2	13
SCOPE 3	14
<hr/>	
LAND STEWARDSHIP	19
<hr/>	
PEOPLE AND COMMUNITY	21
<hr/>	
CONTINUOUS IMPROVEMENT	24
<hr/>	
APPENDIX	30

About Titan Farms



WHO WE ARE

Titan Farms is the largest peach grower and shipper on the East Coast, producing premium peaches and high-quality vegetables across more than 6,000 acres in Ridge Spring, South Carolina. As a first-generation family farming operation, we manage every step of our vertically integrated supply chain, from growing and harvesting to packing and processing.

With over 25 years of farming experience, our commitment is simple: grow exceptional produce with integrity, innovation, and care for the people and land that make it possible. Our approach blends modern agricultural technology, responsible land stewardship, and a deep respect for our workforce to deliver flavorful, consistent, and safe fresh produce to our retail partners and communities.



Our Purpose: Grow food that feeds families and strengthens communities



Our Vision: Lead the fresh and frozen fruit and vegetable industry through innovation and responsible farming



Our Mission: Produce, pack, and process top-quality fruits and vegetables with unmatched consistency and care, to achieve the highest customer satisfaction



Our Values: Integrity, Teamwork, Employee Empowerment, Environmental Responsibility, A Safe, Enjoyable Work Environment

Lifecycle of Titan Farms' Peaches

Cutting Food Waste by 95%



A Word From Our Owner

“ *This farm is more than a business to me; it is the work of my life — a vision built over decades.* ”



As I look back on this past year, I am proud to share our first sustainability report that reflects not only our measurable progress, but the values and determination that continue to define Titan Farms. This farm is more than a business to me; it is the work of my life, a vision built over decades with the help of an extraordinary team. Sustainability, innovation, and responsibility have always been part of our DNA, long before they became industry expectations.

2024 brought its share of challenges, shifting weather patterns, evolving retailer needs, and the increasing importance of precision data; yet it also brought tremendous accomplishments. Our forests and orchards naturally sequestered more than 5,096.23 MT CO₂e, reinforcing the climate value of perennial agriculture. We strengthened our recycling programs, expanded our use of technology, and continued to refine the practices that make our fruit among the best on the East Coast.

Above all, our success is built on our people. From long-time employees to the hundreds of H-2A team members who return each season, Titan Farms is built on our employees' dedication, resilience, and pride in their work. They are the reason we can grow, harvest, and ship exceptional produce year after year.

As we continue our sustainability journey, our priorities remain unchanged: care for our land, support our people, and lead with integrity. This report reflects our commitment and a promise that we will keep striving for better, season after season.

Chalmers R. Carr III
Owner & CEO, Titan Farms

A Word From Our President

2024 was a year of meaningful progress across our farming, packing, and logistics systems. While our industry continues to face dynamic conditions, from weather variability to efficiency expectations, Titan Farms responded with data-driven improvements that strengthened both our performance and our environmental impact.

We expanded real-time weather, soil, and irrigation monitoring across more acreage, enabling smarter water management and reducing both energy and fuel use. Our packhouse continued improving throughput efficiency while supporting increased volume. And across the company, we recycled more than 587,000 pounds of cardboard while expanding diversion of oil, metals, and other materials.

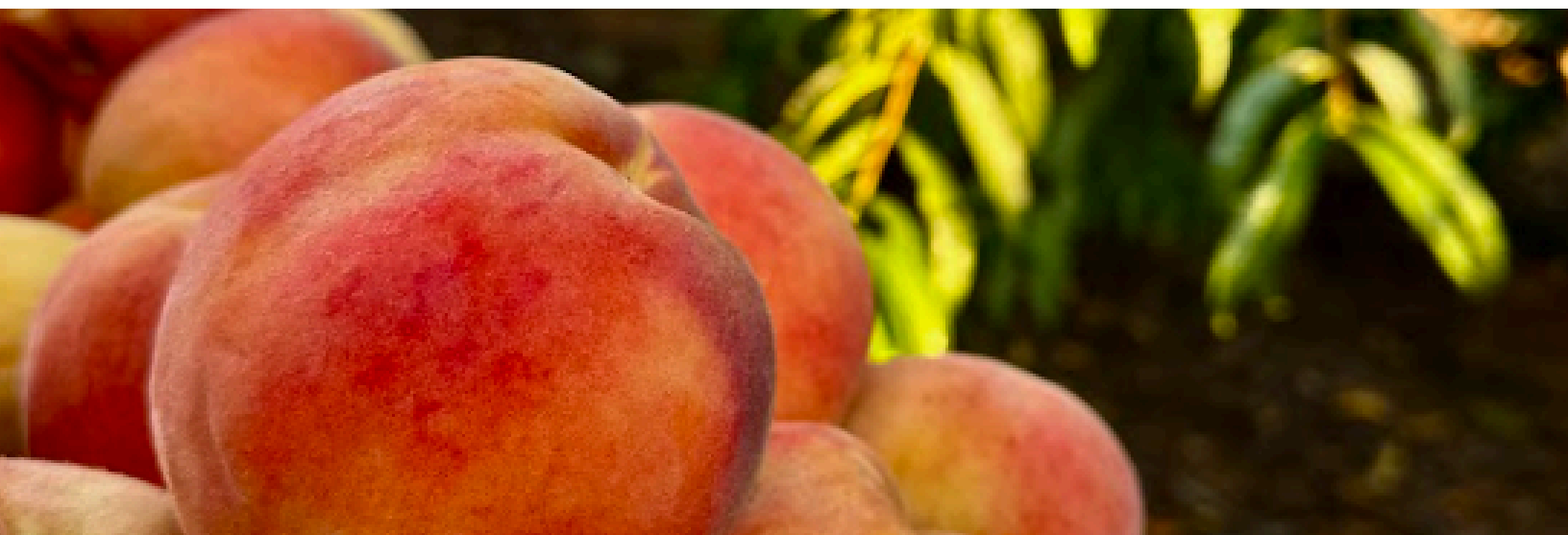
Transportation and fleet optimization also remained a major focus. Through route consolidation, equipment upgrades, and closer coordination with third-party carriers, we continued to reduce unnecessary miles and improve load efficiency, key drivers of Scope 1 and 3 emissions.

Our vertically integrated model gives us unique visibility into every step of the operation, and we will continue using that advantage to push for stronger performance, better resource utilization, and expanded transparency in our reporting. Sustainability is not a standalone initiative because we desire it to be embedded in the way we operate every single day.

I'm grateful for the hard work of our teams across the farm, the packhouse, and our logistics operations. Their expertise and commitment make this progress possible. We look forward to building on these gains as we head into the coming season.

Ross Williams

President of Titan Farms



2024 Sustainability Highlights

6.77%

reduction in waste emissions

16.76%

reduction in packhouse fuel consumption through operational optimization

587,300 lbs

corrugated cardboard recycled

37,800 lbs

donated to local food banks

5,096.23 MT CO₂e

absorbed by forests & orchards

3

new weather stations installed for irrigation optimization

This is equivalent to greenhouse gas emissions from 1,189 gasoline powered cars from the road for a year

Our Sustainability Commitment



Our commitment is to grow responsibly, operate transparently, and continuously reduce our environmental footprint while supporting our people and communities.

At Titan Farms, sustainability isn't a program; it's a mindset that guides how we care for our orchards, steward our forests, support our workforce, and deliver healthy food to families across the country. We strive to balance productivity with responsibility across every acre we manage.

Established baseline
carbon footprint

2022

Integrated full Scope 1-2 tracking,
Partial Scope 3 tracking

2024

2023

Partnered with CarbonCents, began
tracking data

2025

Waste stream diversion and water
efficiency initiatives,
Launched biodiversity assessment and
forest sequestration model

Core Pillars

Climate



GHG

Reduction*

Land
Stewardship

People &
Community

Continuous
Improvement

*Defined in Glossary

Our Sustainability Commitment (Continued)

Current Initiatives:

- Measuring and reporting greenhouse gas emissions across our scopes
- Managing forests that sequester thousands of tons of CO₂ annually
- Continuous improvements to fertilizer management
- Recycling and waste reduction efforts at the packhouse and processing facilities
- Data-driven stewardship of orchard and forest ecosystems

Looking Ahead:

- Improve HVAC maintenance to reduce fugitive emissions from refrigerants
- Improve fuel efficiency and electrification of equipment
- Strengthen biodiversity practices and habitat conservation
- Expand recycling and circular packaging solutions
- Enhance water-use efficiency and irrigation infrastructure
- Explore renewable energy opportunities



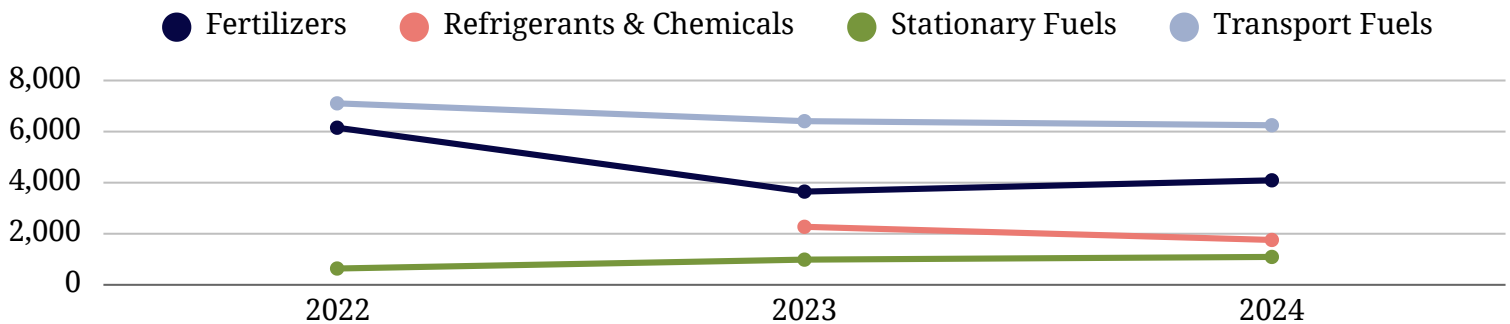
“Every peach we grow reflects our commitment to a sustainable future.”
-Chalmers Carr | CEO of Titan Farms



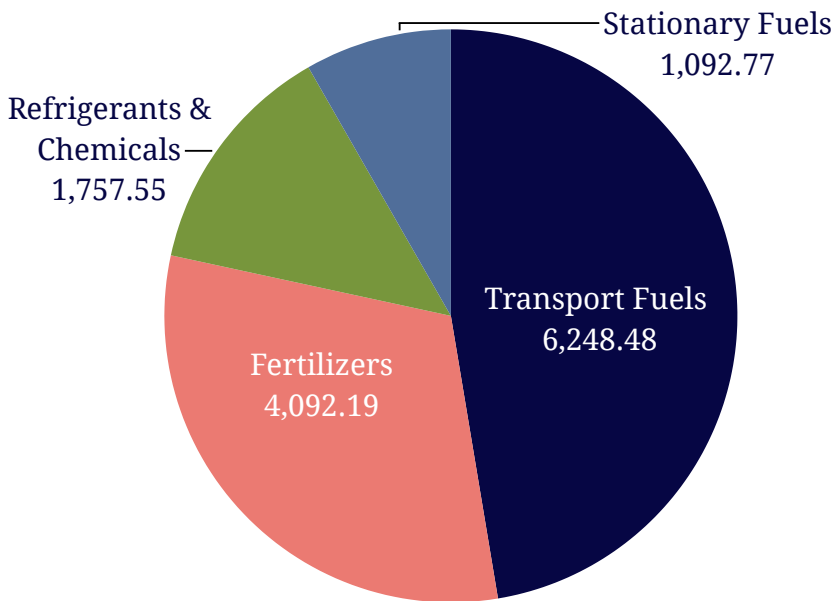
2024 Emissions & Climate Impact Overview

An overview of Titan Farm's total carbon emissions for 2024, reported in MTCDE*

Scope 1 Emissions by Source



Scope 1 Emissions



Titan Farms measures, manages, and reduces greenhouse gas (GHG) emissions across our operations using the globally recognized Greenhouse Gas Protocol. Our carbon footprint includes Scope 1, Scope 2, and key Scope 3 categories, giving us a comprehensive understanding of where emissions originate and where reduction opportunities lie.

In 2024, Titan Farms continued expanding and refining our emissions reporting, improving data quality and capturing a greater share of upstream and downstream activities. This transparency supports better operational planning, more accurate goal-setting, and stronger alignment with retailer and industry expectations.

*Defined in Glossary

Scope 1 Emissions

(Direct Emissions)

Emissions from Farm Equipment and On-Site Operations

Scope 1 emissions represent **direct emissions** from Titan Farms tractors, trucks, equipment, stationary fuels, fertilizers, and refrigerants. In 2024, Scope 1 accounted for **68.84%** of the company’s total carbon footprint, making it the largest contributor to overall emissions.

Major Contributors to Scope 1 Emissions

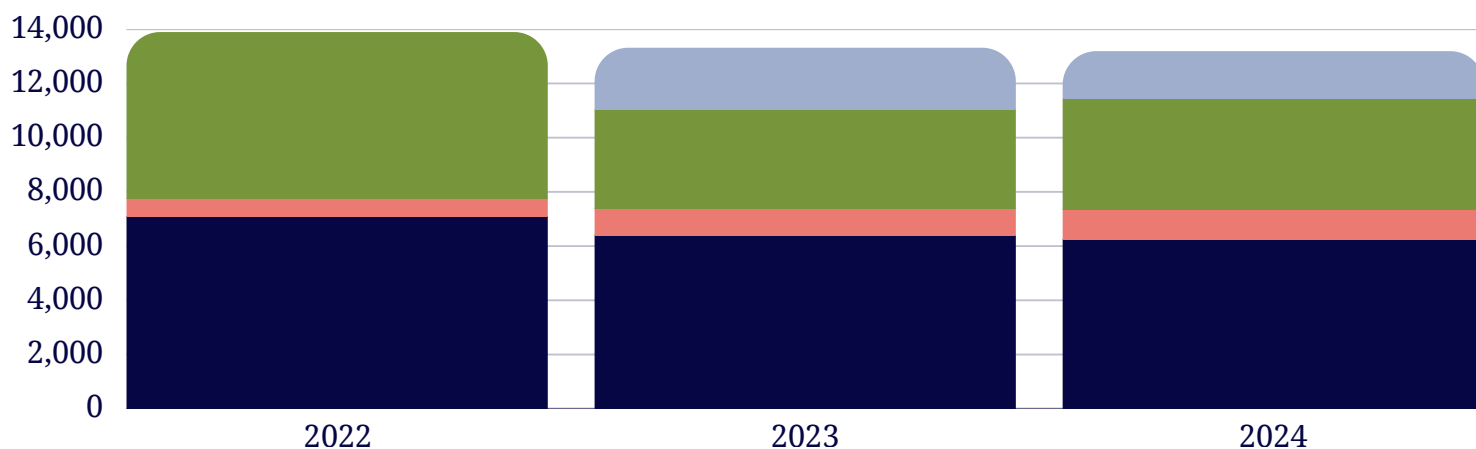
<p>Transport Fuels — Largest Scope 1 Source 2024 Emissions: 6,248.48 MTCDE Transport fuel emissions come from:</p> <ul style="list-style-type: none">• Tractors and orchard equipment• Forklifts• Heavy and light-duty trucks• Other on-site machinery <p>Titan Farms used approximately 623,050 gallons of mixed fuels in 2024, making transport fuels the largest source of direct emissions</p>	<p>Fertilizers — Second-Largest Direct Source 2024 Emissions: 4,092.19 MTCDE Includes emissions from:</p> <ul style="list-style-type: none">• Traditional fertilizers• Crop production inputs• Residue management• Biogenic agricultural emissions* (new for 2024 reporting) <p>Fertilizer needs vary with orchard age; young orchard emissions, as well as biogenic agricultural emissions, were included for the first time</p>
<p>Refrigerants & Chemicals 2024 Emissions: 1,757.55 MTCDE These emissions are primarily driven by:</p> <ul style="list-style-type: none">• Refrigerant leaks and refills in packhouse cooling systems• Refills in fruit processing refrigeration systems <p>Year-over-year reductions occurred due to:</p> <ul style="list-style-type: none">• Lower recharge volumes• Reduced use of high-GWP gases such as R-404A, enhancing climate performance	<p>Stationary Fuels 2024 Emissions: 1,092.77 MTCDE Primary stationary fuel sources include:</p> <ul style="list-style-type: none">• Natural gas used in fruit processing• Propane used in H-2A housing• Propane used in manager housing heaters <p>Processing operations represent the largest share of stationary fuel use due to heating and operational needs</p>

*Defined in Glossary

Scope 1 Emissions (Continued)



Total Emissions per Year



Key Insights



- **Transport fuels and fertilizers dominate Scope 1 emissions**, reflecting the energy-intensive nature of large-scale orchard and vegetable production
- Opportunities for meaningful long-term reductions include:
 - **Fleet efficiency and electrification**
 - **Soil health and optimized nutrient management strategies**
 - **Refrigerant modernization** and reduced dependence on high-GWP gases

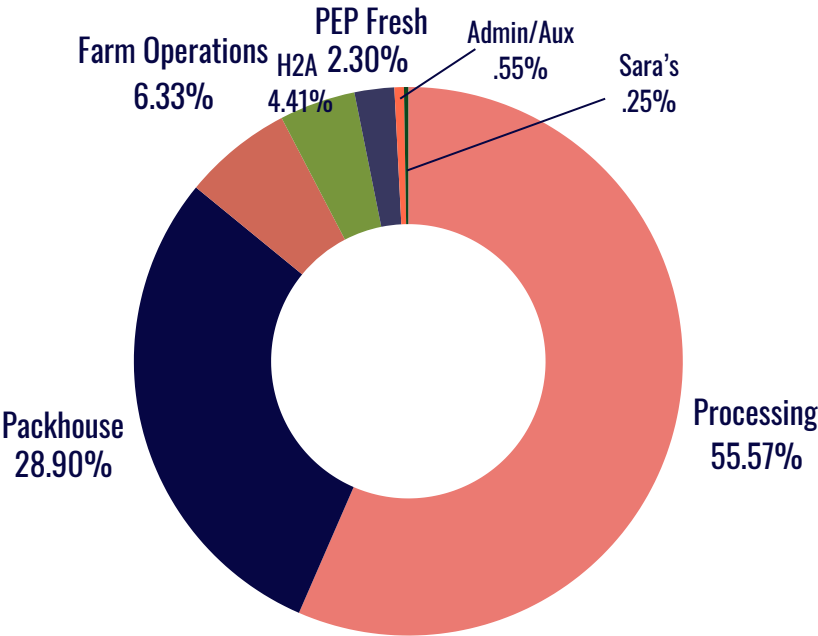
Scope 2 Emissions (Electricity)

Scope 2 emissions, those generated from purchased electricity, accounted for **23.76%** of Titan Farms’ total carbon footprint in 2024, making electricity use one of the most significant operational drivers of emissions.

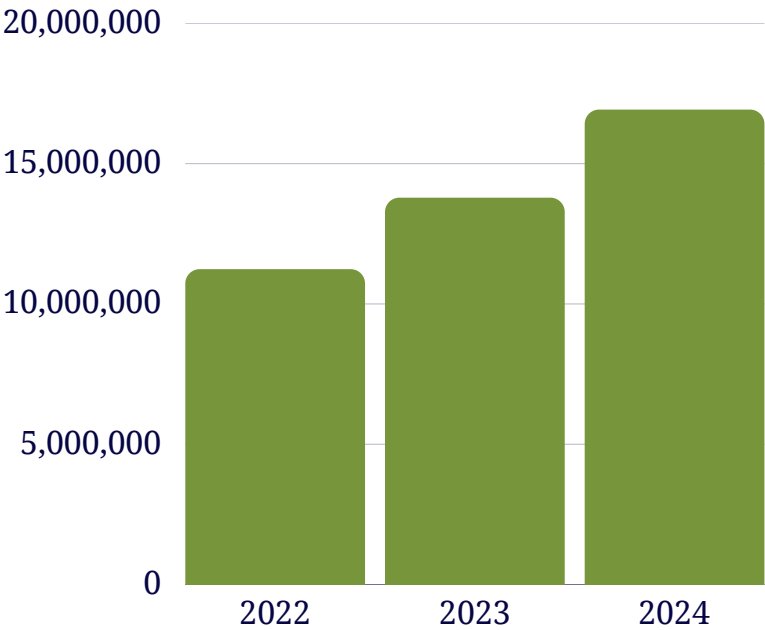


Largest electricity-using sites:
Processing – 9.49M kWh
Packhouse – 5.27M kWh
Farm Operations – 1.05M kWh

kWh Use by Site

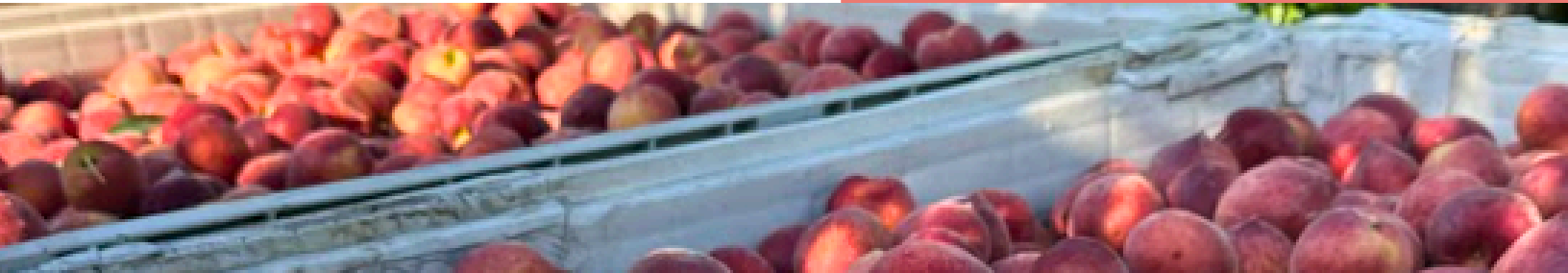


Total kWh per Year



Electricity use at Titan Farms increased by **22.76%** from 2023 to 2024, primarily driven by the **expansion of packhouse and processing operations, increased cooling and cold-storage needs**, greater use of equipment and automation that require continuous operation, and additional acreage that demands more pumping, irrigation, and facility support.

With our growth comes **higher energy consumption**. More energy demand results in greater carbon emissions from purchased electricity, which in turn directly contributes to the increase in Scope 2 emissions.



Scope 3 Emissions (Indirect Emissions)

Emissions From Carriers, Transportation, Waste, and Off-Site Activities

Scope 3 emissions include indirect impacts from carriers, transportation, waste, travel, and commuting. In 2024, they accounted for 7.40% of Titan Farms' total emissions.

Overview of Scope 3 Emissions

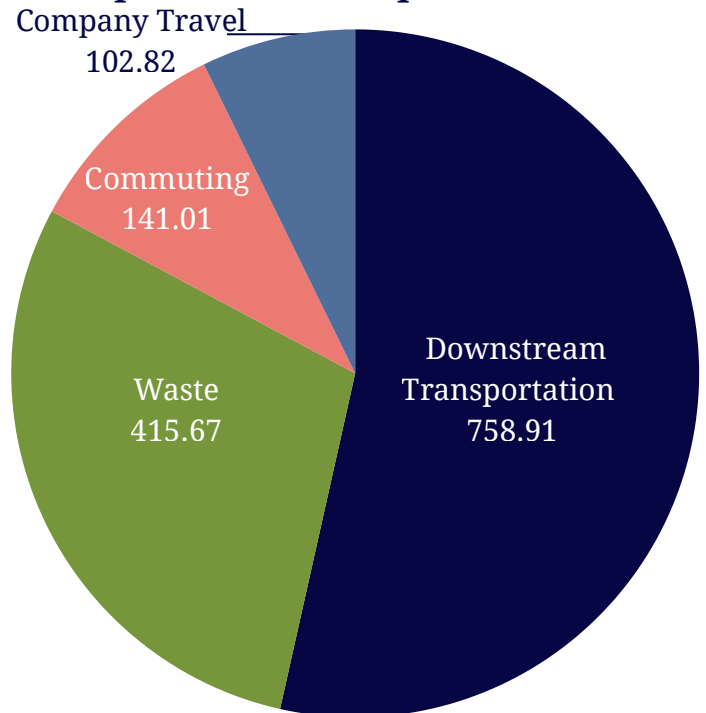
Total Scope 3 Waste Emissions by Year

- 2022: 37.04¹
- 2023: 445.87
- 2024: 415.67

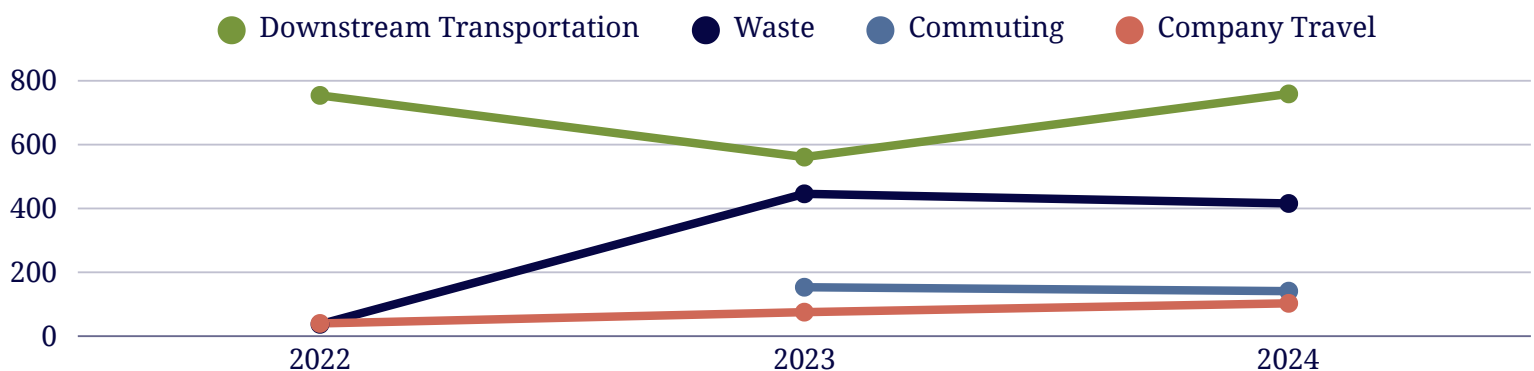
¹The 2022 value is incomplete due to missing data; therefore, it should not be interpreted as a true year-over-year change.

This three-year trend reflects improved reporting accuracy and changes in recycling practices, rather than a sudden emissions spike.

Composition of Scope 3 Emissions



Emissions by Source



Major Contributors to Scope 3 Emissions

Downstream Transportation

2024 Emissions: 758.91 MTCDE

- Transporting our goods to the clients is a necessary part of our operations. Third-party freight carriers support this need and therefore contribute to Scope 3 emissions



Company Travel

2024 Emissions: 102.82 MTCDE

- Air-based travel represents the largest share of emissions for company travel
- Rental car emissions increased due to spend-based accounting, which reflects cost rather than mileage when calculating impact



Waste

2024 Emissions: 415.67 MTCDE

- Waste emissions include both landfilling and recycling waste streams. Even though it has a lesser impact, recycling operations still produces emissions. Recycling includes OCC, metals, used oils, and pallets. Landfilling includes everyday operations waste.



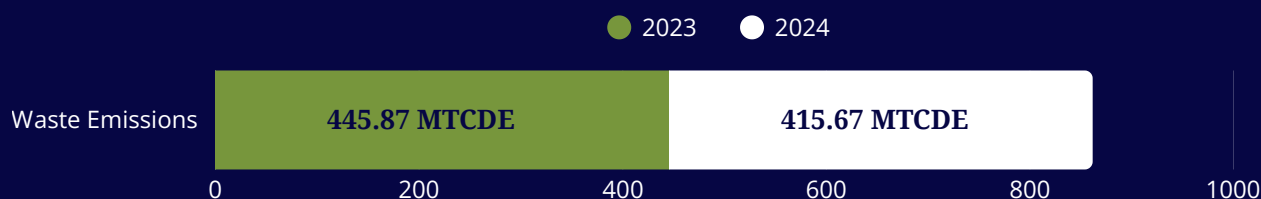
Employee Commuting

2024 Emissions: 141.01 MTCDE

- Commuting remains a meaningful contributor but is stable year-over-year

2024 Waste & Recycling Performance

In 2024, Titan Farms continued to advance its waste diversion* and material recovery efforts across all operations. Although total recycling volume decreased due to changes in data tracking and reporting, overall waste-related emissions declined by 6.77%, indicating more efficient handling of recyclable materials and improved capture of high-impact waste streams.



Material Diversion Snapshot

Total Recycled Materials: 621,182 lbs

Breakdown of Recovered Materials

- 587,300 lbs corrugated cardboard
- 6,466.8 lbs used oil*
- 32,157 lbs metal scraps*
- 825 lbs oil filters*
- 900 lbs absorbent materials*

*These materials originate primarily from the on-site shop where tractors, vehicles, and equipment are maintained.



Key Insight

Corrugated cardboard (OCC) represents 94% of all recycled material and continues to be Titan Farms' strongest and most consistent recycling stream.



*Defined in Glossary

Recycling Trends

WHY TOTAL RECYCLING VOLUME DECLINED

The 35% reduction in total recycling tonnage from 2023 is primarily due to:

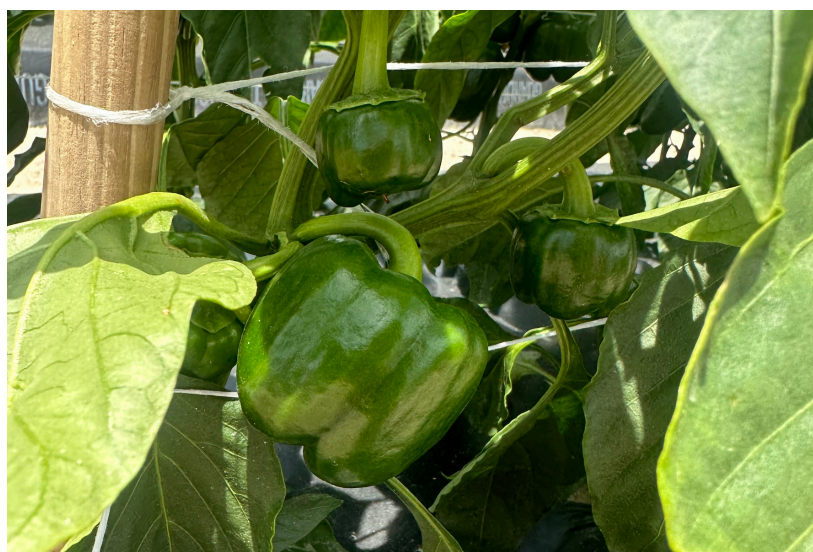
- Several material categories reported in 2023 (such as PP plastics and pallet wood) were one-time waste stream contributors and were eliminated from the waste stream in 2024
- This reflects a need for more consistent site-level data collection, an area already included in Titan Farms sustainability improvement goals

WHY EMISSIONS STILL DECREASED

Despite lower total tonnage, waste emissions declined due to:

- Increased diversion of high-impact materials such as used oil and metal
- Addition of metal recycling in 2024
- Low landfill disposal volumes relative to overall operations

These changes contributed to meaningful landfill-avoidance benefits and reduced overall waste-related emissions.



Progress Toward 2032 Diversion Goal

Titan Farms has committed to achieving 100% diversion of all operational recyclable materials by 2032.

This commitment focuses on waste streams generated in production, processing, and packhouse operations, rather than general office or food-service waste. Interim milestones include:

- Full corrugated cardboard diversion by 2027
- Plastic packaging waste diversion by 2029

Focus Area	2024 Status	Implication for Goal Progress
OCC Diversion	587,300 lbs recycled	On track for 2027 milestone
Plastic Diversion	No tracked plastic recovery	Key area for development
Used Oil + Metals Diversion	Highest capture to date	Maintain recycling efforts
Tracking Systems	Tracking yearly waste trends	Generate a more specified waste stream

What's Next

To accelerate progress and further reduce Scope 3 waste emissions, Titan Farms will prioritize:

- Improved material tracking by site, department, and month
- Employee SOPs and training to strengthen cardboard diversion
- Plastics recovery infrastructure to support the 2029 milestone
- Stronger vendor partnerships for expanded recyclable categories

These efforts will increase diversion accuracy, reduce waste-related emissions, and support commitments to Project Gigaton, THESIS, and long-term sustainability performance.

Protecting Nature, One Field at a Time

Our Goals and Future Focus Areas

In 2024, Titan Farms focused on aligning its operations with leading biodiversity frameworks and identifying priority areas to guide future assessment and implementation efforts. Detailed analysis and quantification of land-based carbon sequestration will be reported in future reports.

In 2025, our goal is to complete a biodiversity assessment and establish a clear understanding of our land management practices and carbon sequestration potential.

Future Focus Areas

Small Habitat Management	<ul style="list-style-type: none"> • Establish and maintain cultivated flower patches and pollinator-friendly refuge areas • Routine monitoring to assess habitat health and species activity
Bird Nest Protection	<ul style="list-style-type: none"> • Conduct field scouting across active orchard and field sites • Identify nests and mark to prevent disturbance during mowing, spraying, or harvest activities
Large Habitat Stewardship	<ul style="list-style-type: none"> • Management of forested acreage, riparian buffers, and open water areas • Native grass and shrubland restoration, supporting long-term habitat diversity

“Our approach ensures Titan Farms protects biodiversity while maintaining productive, sustainable operations.”

– Chalmers Carr
CEO of Titan Farms

Water Stewardship Through Irrigation

We use multiple advanced irrigation systems designed to deliver the exact amount of water each crop needs, no more, no less.



MICRO DRIP IRRIGATION (VEGETABLES)

- Direct-to-root watering
- Reduces evaporation & runoff
- Minimizes overspray
- Works with raised plasticulture beds
- Enables targeted fertigation

IMPACT: HIGHER WATER-USE EFFICIENCY AND REDUCED PUMPING ENERGY



COMPUTERIZED MICRO-JET IRRIGATION (PEACHES)

- Controlled by weather data and evapotranspiration rates
- Helps maintain optimal tree health
- Supports consistent fruit sizing and quality

IMPACT: PRECISION WATERING REDUCES WATER CONSUMPTION AND PROTECTS ORCHARD HEALTH

WEATHER-STATION-DRIVEN IRRIGATION DECISIONS

We use electronic weather stations across the farm to track:



RAINFALL



TEMPERATURE



MOISTURE EVAPORATION



HUMIDITY



CHILLING HOURS

How the data ultimately helps:

- Guides irrigation timing
- Prevents unnecessary watering
- Optimizes crop protectant application timing
- Improves annual planning by comparing current vs. historical conditions

IMPACT: REDUCED WATER USAGE AND MORE EFFICIENT FERTILIZER AND CROP-PROTECTANT APPLICATIONS

Our Team, Our Strength

Investing in People and Valuing Every Worker

Titan Farms is proud to participate in the H-2A temporary seasonal worker program, welcoming skilled workers to support our farm operations. Each worker enters the United States with a valid passport and visa, and Titan Farms ensures that every member of our workforce is valued and cared for. Titan has used the H-2A program for around 25+ years and employs hundreds of H-2A workers (over 800 in some seasons).

H2A Program Highlights:



On Site Housing

We provide housing for all H-2A workers that goes beyond standard H-2A requirements, offering clean, modern, and well-maintained living spaces that support worker comfort and dignity throughout the season.

Commitment to Quality

Our employees' dedication drives the production of high-quality fruits and vegetables, reflecting the farm's commitment to excellence.

Respect & Recognition

We recognize employees who go above and beyond through a combination of recognition programs and company-wide events, including the Motivational Awards Program, quarterly appreciation initiatives, and annual recognition of years of service.

“Our employees are the heart of Titan Farms. Their hard work and commitment make it possible for us to grow the highest-quality produce while upholding our sustainability and community values.

– Ross Williams | President of Titan Farms



Ethical Charter Implementation Program's 2026 Leadership Circle



Titan Farms places the well-being of our team members at the forefront. We regularly review the social implications of our operations through ECIP, the Ethical Charter, to ensure our practices align with our core values.

We have been selected for the Ethical Charter Implementation Program (ECIP) 2026 Leadership Circle, joining a small group of produce suppliers recognized for excellence in responsible labor practices. The Leadership Circle honors companies that achieve all five ECIP stars and actively engage in strengthening labor management systems across the fresh produce industry.

This recognition reflects our commitment to ethical labor, safe working conditions, and a people-first culture. Our participation highlights our continued commitment to investing in our workforce and its role in shaping a more transparent and responsible supply chain.

“

We are honored to be recognized by ECIP and to stand alongside growers and suppliers who are committed to advancing responsible labor across our industry. At Titan Farms, our people are our greatest strength. This recognition affirms our long-standing commitment to ethical labor practices, safe working conditions and building a culture where every employee is valued and respected.

-Ross Williams | President of Titan Farms



Community Impact: Peaches with a Purpose



Since 2013, we have donated an average of

35,000 lbs of peaches per year

to local food banks, helping provide fresh produce to those in need

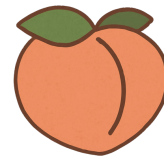
How It Works:



Purchase peaches
in-store



A percentage of that
purchase goes towards
donations



Peaches are donated each
summer on behalf of Titan
Farms and the grocer

“

Through our long-standing collaboration with Harris Teeter, we've provided more than 380,000 pounds of peaches over the last 11 years to North Carolina and South Carolina families in need. As the largest peach grower on the East Coast, we're proud once again to share our fresh produce with countless families in our community.

-Chalmers Carr | Owner & CEO of Titan Farms



Advancing Efficiency, Quality, and Sustainability

We continually invest in technologies that improve product quality, enhance operational efficiency, and reduce environmental impact. As a vertically integrated grower, packer, and shipper, innovation plays a vital role in strengthening our sustainability performance across all aspects of the farm.

State-of-the-Art Packing Line

In 2015, we upgraded to a fully modernized packing facility designed to enhance fruit handling, safety, and sustainability. The new equipment consumes less energy, thereby reducing Scope 2 emissions. Precision sizing and color-sorting technology enhance packout efficiency and product consistency, while automatic bin washing strengthens food safety and optimizes water use. With industry-leading traceability integrated throughout the line, the facility also supports transparency and retailer sustainability programs.



Less waste. Lower energy use. Higher-quality product. Stronger food safety systems.

Precision Agriculture: Trimble GPS Systems

We use Trimble FMX and FMD autopilot systems to achieve sub-inch accuracy in field operations, reducing overlap and minimizing tractor passes—lowering diesel use and Scope 1 emissions. This precision also creates straighter, more uniform rows, improving yields while requiring fewer inputs.

Lower fuel emissions. Improved soil management. Efficient field operations.

Plasticulture Farming System

We grow all vegetables using a plasticulture method, which enables high-density cropping and far more efficient use of resources. This approach increases yield by up to 300%, allowing us to produce more food on fewer acres. Micro-drip irrigation delivers only the water each crop needs, while precision fertigation applies nutrients directly to the root zone to minimize fertilizer loss. Because crop protectants can be applied efficiently through the drip system, overall inputs are reduced, and fewer field passes help lower energy consumption.

Maximizes productivity. Reduces environmental impact.

Advancing Efficiency, Quality, and Sustainability (Continued)

Weather Stations & Irrigation Optimization

Electronic weather stations help us monitor rainfall, temperature, evaporation, humidity, and chilling hours, allowing for more informed and resource-efficient decisions. With real-time data, we avoid unnecessary crop protection applications, optimize irrigation based on evapotranspiration, and improve chilling-hour tracking for better planning and fruit-set forecasting. Over time, historical data strengthens year-over-year learning and supports more efficient long-term resource management.

Reduced water use, fewer inputs, and optimized micro-jet irrigation.

Commitment to Food Safety & Workforce Excellence

We utilize:

- GAP (Good Agricultural Practices)
- GMP (Good Manufacturing Practices)
- Annual SQF audits (Safe Quality Food Audits)
- Controlled, monitored packing processes
- A trained, diverse workforce including H-2A team members who receive specialized safety and quality training



Packaging & Circularity

Across our business, we proactively explore more sustainable and recyclable packaging options and share these innovations with our retail partners. Because many of our programs, especially private-label, follow retailer-defined packaging specifications, we work collaboratively within those guidelines while continuing to advocate for practical sustainability improvements.



100% Recyclable “Nature’s Peach” Packaging

In 2020, we introduced a 100% recyclable “Nature’s Peach” 4-pack box, designed to reduce single-use plastic and offer consumers a more sustainable option.

Key features include:

- Made entirely of recyclable paperboard
- Durable, stackable design for retail displays
- Center handle for easy carrying
- Creates airflow to separate fruit, allowing peaches to ripen properly
- Earthy-tone design that enhances shelf appeal

The package earned the Paperboard Packaging Council’s 2020 Award for Excellence in Packaging & Sustainability for its innovative design and environmental benefits.

Recycling & Circularity Performance (2024)

Our recycling infrastructure continues to expand, with progress documented in the 2024 Carbon Footprint Report. These targets support our larger waste-reduction strategy and align with evolving retail expectations for recyclable and environmentally responsible packaging.

2024 Packaging-Related Diversion	Goals for Future Packaging Circularity
587,300 lbs of OCC (recycled)	By 2027: 100% diversion of corrugated cardboard
OCC represents 94% of all recycled material	By 2029: Diversion of all operational recyclable plastics
Additional diverted materials include metal, oil, and absorbents	By 2032: 100% diversion of all operational recyclable materials



A Decade of Impact: 10 Years of Palmetto Processing Solutions

Founded in 2015, Palmetto Processing Solutions (PPS) was created to solve one of the farm's biggest sustainability challenges: how to prevent millions of pounds of peaches from going to waste. As Titan Farms' minority-owned, vertically integrated processing division, PPS transforms seconds and by-products into high-quality sliced, diced, and pureed peach products. Now celebrating its 10-year anniversary, PPS stands as a core part of Titan's sustainability strategy, **reducing waste, increasing crop utilization, and strengthening the resilience of our supply chain.**



The waste problem we solved

Before PPS:

- Seconds and cosmetically imperfect peaches had limited outlets
- Fruit was often discarded after packing
- Lost value + unnecessary waste + missed economic opportunity

After PPS:

- These peaches are now sliced, diced, or pureed
- Fruit stays in the food system → dramatically reducing waste
- Additional revenue supports farm stability and employee growth



“Titan grows roughly 80 million pounds of peaches a year, and historically about 16 million pounds of that volume went to waste.”

-Michael Davis
Vice President of Processing Operations

10 Years of PPS (Continued)



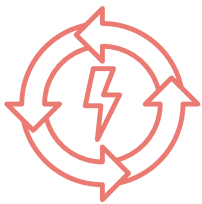
Major Food Waste Reduction

- Diverts millions of pounds of peaches from landfill
- Extends the useful life of every acre grown
- Supports a circular, zero-waste mindset



Full Traceability From Farm to Finished Product

- Raw fruit stays within Titan's vertically integrated system
- Enhances food safety and transparency for buyers
- Reduces transportation inefficiencies



Efficient, High-Quality Processing

- Inside the 88,000-sq-ft state-of-the-art facility, PPS uses globally sourced stainless-steel machinery to produce consistent, premium products



Sustainable Cold Storage Expansion

- Temperature-controlled storage reduces spoilage
- Improves energy efficiency through modern systems
- Supports year-round supply-chain stability

Our Commitment to the Future

The work ahead is significant, but so is our determination at Titan Farms. We are proud of our progress, and we recognize that there is still more to be done. Together, with our employees, partners, and communities, we will continue growing food with integrity and care for years to come. Following each goal, bullet points outline the steps we will take to achieve it.

Climate & Refrigerants

Goal: Reduce fugitive refrigerant emissions by 60% by 2035

- Reduce average leak rate to 10% (industry standard 10–20%)
- Retrofit to low-GWP systems



Transportation (Scope 1)

Goal: Reduce transport fuel emissions by 35% by 2035

- Fuel efficiency projects
- Focus on the highest-emitting fleet segments
Strategic fleet upgrades or replacements

Waste & Diversion

Goal: 100% diversion of operational recyclable materials by 2032

- Divert all OCC by 2027
- Divert plastics by 2029
- Train employees on diversion processes

Data & Tracking Modernization

Goal: Improve emission & resource tracking accuracy

- Monthly waste reporting by department
- Supplier conversation for improved packaging impacts
- Explore green/renewable energy
- Expand downstream transport visibility



Biodiversity & Land Stewardship

Goal: Strengthen biodiversity and carbon-offset understanding by 2035

- IPM (Integrated Pest Management) projects by 2025
- Biodiversity assessments by 2026
- Tree inventory/offset mapping by 2027



Appendix



Glossary

Biogenic Agricultural Emissions

Greenhouse gas emissions that come from natural biological processes. These gases originate from living organisms, soils, and plant or animal activity, not from fossil fuels.

GHG Reduction

Reducing the amount of greenhouse gases emitted into the atmosphere, typically through policies, programs, or projects designed to limit, avoid, or remove emissions of climate-warming gases such as carbon dioxide and methane.

MTCDE

Metric Tons of Carbon Dioxide Equivalent, a standardized unit used to measure and compare the climate impact of different greenhouse gases.

Waste Diversion

Practices that prevent materials from being sent to landfill by redirecting them to more sustainable pathways, such as recycling, composting, reuse, or recovery.

Appendix A: 2022-2024 Total Scope Reported Data

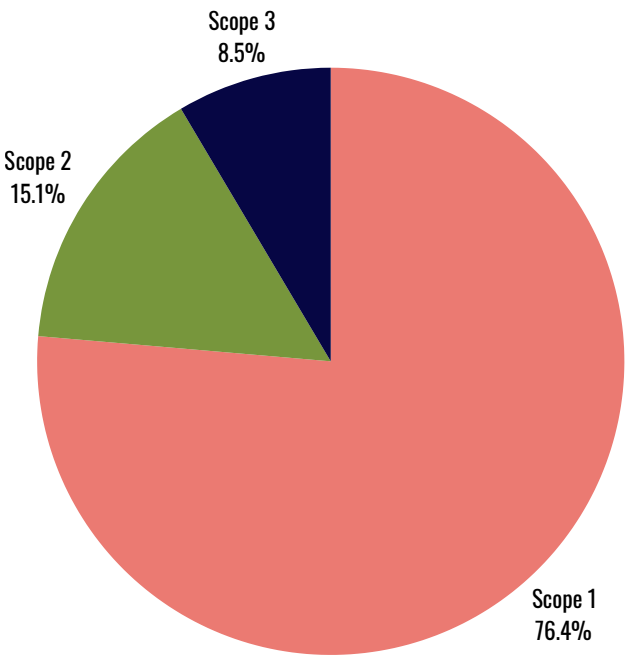
Year	Scope	Source	MTCDE
2022	3	Company Travel	39.83103
2022	2	Electricity	3,192.12
2022	1	Fertilizers	6,151.89
2022	1	Stationary Fuels	638.7636
2022	1	Transport Fuels	7,105.46
2022	3	Up-Down Stream Transportation	754.2523
2022	3	Waste	37.04342
2023	3	Commuting	153.2651
2023	3	Company Travel	75.19543
2023	2	Electricity	3,915.63
2023	1	Fertilizers	3,650.19
2023	1	Refrigerants & Chemicals	2,272.42
2023	1	Stationary Fuels	986.8092
2023	1	Transport Fuels	6,408.46
2023	3	Up-Down Stream Transportation	560.9181
2023	3	Waste	445.8666
2024	3	Commuting	141.0068
2024	3	Company Travel	102.8238
2024	2	Electricity	4,552.97
2024	1	Fertilizers	4,092.19
2024	1	Refrigerants & Chemicals	1,757.55
2024	1	Stationary Fuels	1,092.77
2024	1	Transport Fuels	6,248.48
2024	3	Up-Down Stream Transportation	758.9132
2024	3	Waste	415.6701

Appendix B: Peaches Only

Total Carbon Footprint

CATEGORY	EMISSIONS
Scope 1	9,735.41
Scope 2	1,926.23
Scope 3	1,086.36
Total	12,748.00

Total Peaches Only Carbon Footprint (MTCDE)



Scope 1 Breakout

CATEGORY	EMISSIONS
Transport Fuels	5,897.64
Stationary Fuels	181.30
Fertilizers	2,676.64
Refrigerants & Chemicals	979.83

Scope 3 Breakout

CATEGORY	EMISSIONS
Commuting	115.95
Business Travel	102.82
Waste	300.95
Down-Stream Transportation	566.64

Appendix C: Fresh Only

CATEGORY	EMISSIONS
Scope 1	10,236.77
Scope 2	1,926.75
Scope 3	1,086.36
Total	13,259.88

Scope 1 Breakout

CATEGORY	EMISSIONS
Transport Fuels	6,003.82
Stationary Fuels	181.30
Fertilizers	3,071.82
Refrigerants & Chemicals	979.83

Scope 3 Breakout

CATEGORY	EMISSIONS
Commuting	115.95
Business Travel	102.82
Waste	300.95
Down-Stream Transportation	566.64

Appendix D: Frozen Only

CATEGORY	EMISSIONS
Scope 1	3,100.89
Scope 2	2,616.22
Scope 3	332.05
Total	6,049.16

Scope 1 Breakout

CATEGORY	EMISSIONS
Transport Fuels	391.34
Stationary Fuels	911.47
Fertilizers	1,020.37
Refrigerants & Chemicals	777.71

Scope 3 Breakout

CATEGORY	EMISSIONS
Commuting	25.06
Business Travel	0
Waste	114.72
Down-Stream Transportation	192.27



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