

Sustainability & ESG Report 2022



Table of Contents

Introduction	3
Message from Chuck Magro, Chief Executive Officer	4
Message from Sam Eathington, Chief Technology & Digital Officer	5
Q&A with Brook Cunningham, Chief Strategy Officer	6
Executive Summary	7
Our Vision	8
Our Actions & Impact	9
Our Awards & Recognitions	10
Our Advantaged Product Highlights	11
Our Business	13
Business Overview	14
Strategy Based on Sustainability	15
Our Sustainability & ESG Focus	16
Sustainable Innovation	18
Biodiversity	23
Climate	26
Inclusion, Diversity & Equity	28
ESG Disclosures	32
Sustainability & ESG Governance	34
Environment	43
Social	69
ESG Indexes	83
GRI Content Index	84
SASB Index	93
COP Index	96
TCFD Index	98
UN SDG Index	99
Additional References	100



This report contains forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended, which are intended to be covered by the safe harbor provisions for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995, and may be identified by their use of words like “targets,” “plans,” “expects,” “will,” “believes,” “intends,” “estimates,” or other words of similar meaning. All statements that address expectations or projections about the future, including statements about Corteva’s sustainability and ESG goals, targets, business plans, product development, regulatory approvals, and environmental matters, are forward-looking statements, which are based on certain assumptions and expectations of future events which may not be accurate or realized and are subject to risks and uncertainties, including those identified in Corteva’s SEC filings.

1

Introduction



CORTEVA

agriscience



Corteva's mission is to enrich the lives of those who produce and those who consume, ensuring progress for generations to come.

Message from Chuck Magro, Chief Executive Officer

Dear Stakeholders,

At Corteva Agriscience, sustainability is at the heart of our business. I am proud to lead an organization that applies the full power of its talented employees, deep innovation expertise, and global reach toward solving complex global challenges, all while preserving the long-term health and viability of farmland and other natural resources.

It is an exciting time to be in the agriculture industry. Through continuous development of new technologies and practices, farmers are producing more with fewer resources. Sustainable innovation is helping farms flourish while identifying opportunities to reduce agriculture's overall environmental footprint. I believe we are just getting started in terms of what science can do to transform global food and fuel production.

Last year's events, however, added even more stress to our systems. The aftereffects of the pandemic and the bottleneck it put on our supply chains and labor market are still prevalent. Russia's invasion of Ukraine has pressured global food security and catalyzed government policies to accelerate the pace of the energy transition, including renewable fuel adoption. Farmers are also seeing new weed, insect, and disease threats in their fields.

As a result, the role and expectations of agriculture are changing, and Corteva is responding. In this year's report, we are sharing our commitments in the four focus areas we introduced in 2022, including sustainable innovation; biodiversity; greenhouse gas emissions; and inclusion, diversity and equity ("ID&E").

Our commitments in these areas underpin our strategy and support Corteva's aspiration to become the leader of innovative, sustainable solutions for farmers worldwide, today, and tomorrow.

At our core, we are an agriculture technology company focused on developing solutions that empower the global agriculture ecosystem and nurture the planet, while concurrently improving our own operational carbon footprint. Corteva can only accomplish this through our people, who are the most important differentiator we have, and by collaborating with like-minded partners across the food and fuel ecosystem. We're focused on building a culture of belonging and increased representation to drive progress and strengthen our ability to serve customers.

Corteva's mission is to enrich the lives of those who produce and those who consume, ensuring progress for generations to come. That statement continues to inspire me and Corteva colleagues around the world to advance the environmental, social, and economic sustainability of farms and agriculture. I'm honored to be part of bringing forward the future of farming, today.



Chuck Magro
Chief Executive Officer



Sustainable innovation is the path forward. We can make quantum leaps when we use technology in meaningful ways to meet farmers' needs today and anticipate the challenges of tomorrow.

**Message from Sam Eathington, Ph.D.,
Chief Technology & Digital Officer**

It's a pivotal time in agriculture. The future of food production hinges on delivering new tools and technologies to farmers that help solve farm- and field-level challenges while improving overall sustainability. We must innovate to ensure a safe, nutritious, and affordable food supply is available to meet the world's increasing needs.

At Corteva Agriscience, our Research and Development ("R&D") teams are focused on developing sustainable solutions that increase farm productivity and profitability potential while improving resilience to increasing weed, insect, disease, and extreme weather pressures, and protecting our natural resources.

As part of our innovation process, we've committed that every new Corteva solution from our pipeline must meet our sustainability criteria by 2025. These criteria are embedded in each stage of our product development and advancement process. I'm pleased to share an [update on our progress](#) in this report.

In our seed pipeline, we're building on our Pioneer® brand's 100-year breeding history with advanced breeding techniques like gene editing to unlock additional power of native genetics to improve yield potential, enhance disease resistance, and build new value-added seed protein and oil products. These products will not only enhance the availability and quality of crops for consumer applications, but also increase feedstocks for the expanding renewable fuels market. We are committed to delivering technologies that enable farmers to boost productivity and sustainability on their land while contributing to the supply of less carbon-intensive fuels.

In addition, we've developed a unique solution to consolidate multiple disease-resistant genes in one location. A sort of suitcase of genes that we're moving to the best spot for yield protection. It provides disease resistance using the natural genes that already exist in the plant, and it lets our plant breeders increase yield potential at a faster pace. This can reduce the amount of land needed for global food production while minimizing environmental impact.

In our crop protection pipeline, we are building collaborations and developing the next generation of sustainably-advantaged products, including biologicals that work alongside existing products for yield protection. For example, in 2022 we introduced Sosdia™ Stress, a biostimulant that enhances crop resilience for stresses such as drought and excessive heat or sunlight, while also letting farmers reduce their water use.

The availability of these sustainable solutions to farmers is dependent on timely regulatory approvals, which remains a key bottleneck to accelerating their adoption and impact.

Our innovation engine is delivering solutions that give farmers more options to improve yield potential and minimize inputs to build whole-farm systems that are strong and stable. Solutions inspired by nature. Solutions that empower our world's farmers to be more productive, sustainable, and resilient, season after season.



Sam Eathington
Chief Technology & Digital Officer



Q&A with Brook Cunningham, Chief Strategy Officer

Brook Cunningham joined Corteva Agriscience in December of 2022 as Senior Vice President, Chief Strategy Officer.

Her responsibilities include leading the company's efforts in enterprise corporate strategy, mergers and acquisitions, sustainability, and strategic intelligence.

Prior to joining Corteva, Cunningham was Managing Director and Head of Global Agribusiness and Nutrition at Lazard, a global investment banking firm. At Lazard, Cunningham advised companies on matters involving corporate strategy, mergers and acquisitions, business separations, sales, strategic investments, corporate finance and capital

structure, capital formation, ESG, and shareholder engagement, among others.

What brought you to Corteva?

Through my work as a strategic and financial advisor to companies across the agriculture and nutrition sector, I developed a deep appreciation for the critical role companies like Corteva play in feeding and fueling our world. Joining Corteva's executive leadership team has positioned me to make a direct impact on the organization's strategic direction and execution, and our collective efforts to address some of the most significant challenges and opportunities facing our global population.

There is a contagious commitment across this company to deliver the power of our people, sustainable innovation capabilities, and global reach to our customers and stakeholders via new technologies that will help us to increase crop production while using fewer resources. It isn't just talk – sustainability truly is at the core of everything we do at Corteva, just as it is for our customers, who are focused on ensuring their farms remain sustainable and profitable for the next generation.

There is simply nowhere else I would rather be.

How does sustainability fit into Corteva's corporate strategy?

As a global leader in the agriculture sector, we believe we have unique responsibilities as it pertains to sustainability.

That includes the responsibility to help not only feed and fuel the world, but also enrich the lives of those who produce and those who consume, ensuring progress for generations to come. It includes mitigating the impacts of our own operational footprint on the environment and society at large, and also creating new crop technologies to enable agriculture to deliver solutions to issues like climate change and food security in ways that also protect biodiversity, promote rural development, and support ID&E.

As a result, sustainability must be a central pillar of every strategic choice we make at Corteva. We are committed to delivering long-term growth and value creation to our customers, shareholders, and broader stakeholders in ways that uphold our responsibilities in a rapidly-evolving market.

How is Corteva demonstrating its focus on sustainability through its strategic choices?

At Corteva, we are making capital allocation decisions that directly align with our sustainability goals and corporate values. We are **increasing our investments in R&D** to advance and accelerate our discovery and commercialization of new sustainably-advantaged and digitally-enabled seed, crop protection, and plant health technologies.

We are **investing substantial capital to scale our capabilities in the biologicals market**, which is projected to be the fastest-growing segment in the crop protection industry over the next decade. **Our recent acquisitions of Stoller Group, Inc. and Symborg Corporate S.L. have positioned Corteva as one of the largest biological plant health companies in the world**, and provided us with an even stronger foundation upon which to propel continued growth.

We are **establishing strategic partnerships with companies across the agriculture and energy ecosystems** to build new value chains to feed and fuel the world more sustainably. It will take an integrated, collaborative, and global approach to tackle these issues. Corteva is leading by example through strategic actions like our partnership with Bunge and Chevron to deliver a proprietary winter canola hybrid seed technology to the U.S. South. This new double-cropping system will enhance U.S. biofuel feedstock production while creating value and optionality for Corteva customers.

These are just a few examples. At Corteva, sustainability isn't a byproduct of our work. It's the result of intentional integration into our strategic choices and how we operate.

2

Executive Summary

Our Vision

The world is at a challenging juncture. Our global population is growing. The planet continues to experience the impacts of climate change in the form of more extreme weather, shifting rainfall patterns, and rising temperatures. Global conflicts, including Russia's invasion of Ukraine, have increased pressure on food and energy security.

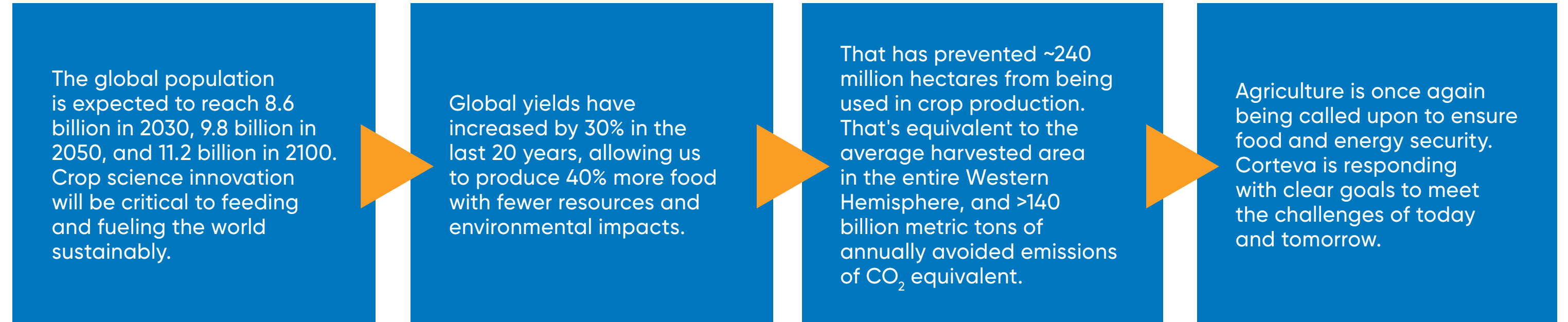
Agriculture has a history of rising to such challenges, and is again being called upon to act. Science and technology must continue to provide farmers with the tools they need to feed and fuel the world while minimizing environmental impacts.

At Corteva Agriscience (the "Company"), we believe our capabilities, expertise, and commitment to serving our customers position us to help solve these pressing issues. We are proud of the critical role we play, and as we move along this journey, are optimistic about our ability to drive ongoing progress in the following areas: sustainable innovation, climate, biodiversity, and ID&E.

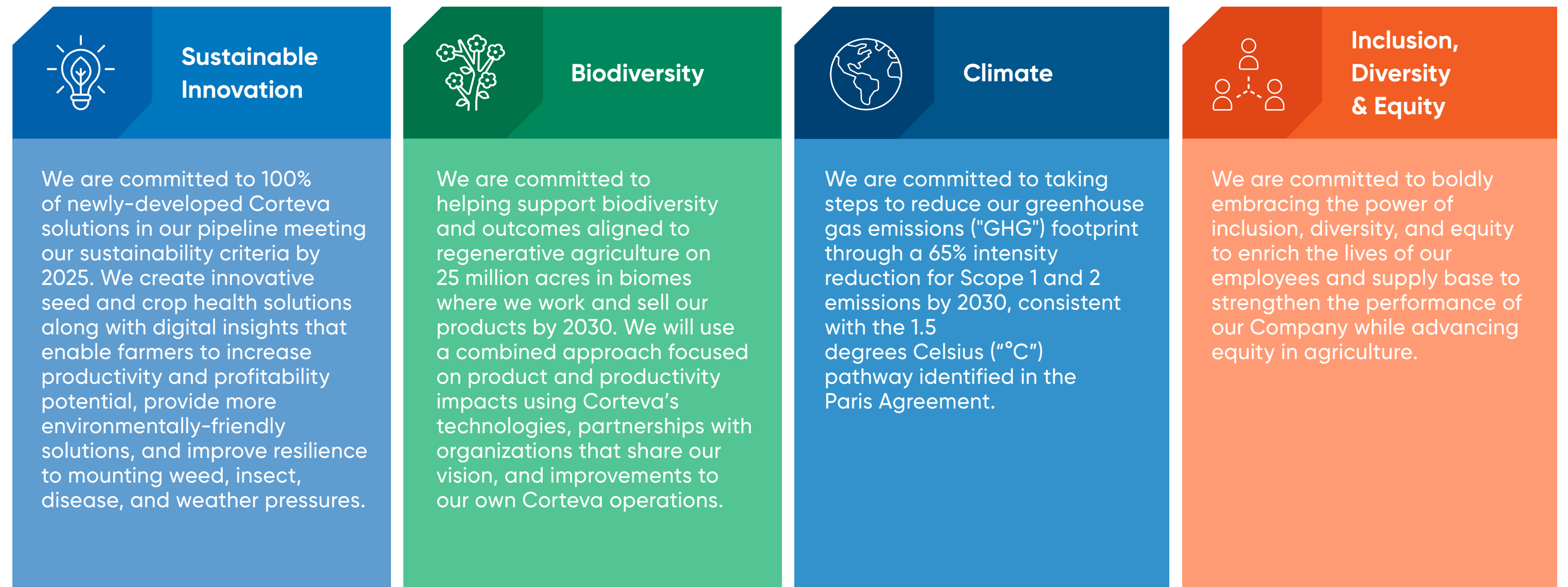
Farmers require more sustainable solutions that help drive yield and production resiliency, and we are continuing to move our portfolio pipeline toward sustainably-advantaged products to meet those needs. We are accelerating our efforts to give farmers more choices to combat their unique challenges.

At Corteva, we focus our people, resources, and energy on enriching the lives of those who produce and those who consume. We are determined to help solve some of the biggest challenges facing the environment. We must move quickly and deliberately. Our communities depend on it.

Key Global Challenges



Corteva's Commitment to Provide Solutions



Our Actions and Impact

Our Actions

Sustainable Innovation

Biodiversity

Climate

Inclusion, Diversity & Equity

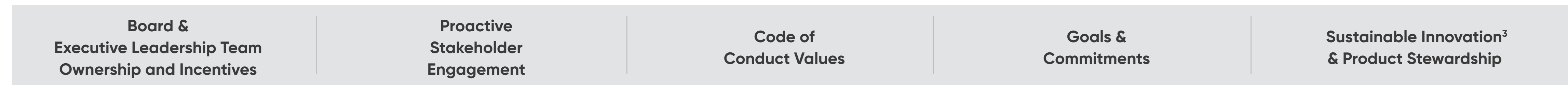
Research and Development	<ul style="list-style-type: none"> • Breeding • Biotech Traits • Gene Editing • Sosdia™ Stress • Digital/Data-driven Outcomes • Rinskor™ active
Biologicals Mergers and Acquisitions	Leading Global Biologicals Platform
Strategic Partnerships	Winter Canola/double-cropping System
New Products & Systems	Beneficial to Soil Balance + EPA Endangered Species Act Registration
Improved Genetic Gain and Yield Potential ¹	Waialua, HI Parent Seed Farm Technology-driven Biome Preservation
Improved Practices at Corteva Agriscience Sites	Pheasants Forever & Quail Forever Partnerships
Strategic Partnerships	
Energy Reduction Initiatives	Decreased Scope 1 & 2 Emissions Intensity Ratio ²
Efficiency Gains	Piloted GHG Protocol Land Sector and Removals Guidance
Strategic Renewable Energy Procurement	Offset 100% of electricity-related GHG emissions at Indianapolis headquarters via Renewable Energy Certificates ("RECs")
Creating a Culture of Belonging	Increased global female and U.S. minority representation
Investing in Talent and Diverse Representation	Increased share of women in management positions
Driving External Value Chain Impacts	Increased global spend with small businesses and diverse suppliers

2022 Examples

Impact

- ▲ Food and Energy Security
- ▲ Disease Resistance
- ▲ Drought and Heat Resiliency
- ▲ Water-use Efficiency
- ▲ Favorable Waste Circularity
- ▲ Biodiversity Practices
- ▲ Farmer Profitability
- ▲ Industry-wide ID&E
- ▼ Carbon Emissions
- ▼ Land-use Change
- ▼ Food Waste
- ▼ Use Rates
- ▼ Natural Resource Impacts

ESG + Sustainability Governance and Disclosure



¹Improved genetic gain and yield potential helps prevent additional land-use change.

²Corteva is committed to a 65% intensity reduction target (42% absolute reduction target) for Scope 1 and 2 emissions by 2030, consistent with the 1.5°C pathway identified in the Paris Agreement.

³Aligned with the United Nations Sustainable Development Goals ("UN SDGs").

Our Awards & Recognitions¹



Newsweek's America's Most Responsible Companies 2023 – ranked 25 out of 500 companies and fourth out of the 55 Materials and Chemical companies



Crop Science Award in the "Best Industry Collaboration" category, together with BASF Agricultural Solutions and M.S. Technologies L.L.C., for the collaboration on a mutually beneficial trait licensing agreement



S&P Global Corporate Sustainability Assessment – ranked in the top 93% of the Chemicals sector as of October 2022



Human Rights Campaign: Best Place to Work for LGBTQ+ Equality – received perfect scores on the Corporate Equality Index in the U.S., Mexico, and Brazil



Just Capital's List of Most Just Companies of 2022 – included in the JUST ETF / JULCD Index for scoring in the top 50% of the Russell 1000



WE Connect International: Global Champion for Supplier Diversity & Inclusion – bronze award winner for expanding inclusive spend, policies, and procedures



Manufacturing Leadership Awards from the National Association of Manufacturers, including:

- **Artificial Intelligence and Machine Learning Award** for agricultural product manufacturing improvement via advanced analytics
- **Operational Excellence Award** for Isoclast® active capacity expansion and yield improvement project
- **Sustainability and the Circular Economy Award** for use of advanced technology in the product manufacturing for the Company's Rekleme!™ active technology



Digiday Greater Good Award for World Hunger Product Highlights for the Global Food Security Index, developed by Economist Impact and supported by Corteva Agriscience

¹ The above is a representative list of 2022 awards and recognitions received.

Our Advantaged Product Highlights

Rinskor™ active

Rinskor™ active herbicide, a 2018 Green Chemistry Challenge Award Winner, is used to control weeds in rice and other crops. It replaces older synthetic chemistries and is applied to crops at an up to **150 times lower use rate – one that could potentially avoid over 1 million tons of CO₂-equivalent over the next five years across the cumulative acres applied.**

Inatreq™ active

Inatreq™ active, a naturally-derived fungicide solution. It offers farmers exceptional curative and protectant disease control on a wide range of pathogens in cereals and bananas, and offers the first new mode of action against Black Sigatoka in bananas in over 15 years. Black Sigatoka attacks banana leaves, causing them to die early, and affects the weight of banana bunches.¹ The disease can result in yield losses of 50% or more and causes premature ripening, which can lead to rot during shipment and seriously limit export opportunities.^{2,3}



Enlist One® COLEX-D™ technology HERBICIDE

Enlist Duo® COLEX-D™ technology HERBICIDE

Enlist One® and **Enlist Duo®** herbicides were granted seven-year amended registrations by the Environmental Protection Agency ("EPA") following its new process related to the Endangered Species Act ("ESA"). The process confirmed Enlist® herbicides continue to comply with the ESA and the Federal Insecticide, Fungicide and Rodenticide Act. The EPA's updated assessment, resulted in the addition of targeted risk mitigation measures to Enlist® herbicide labels, providing additional protections for more endangered species. These updates will help ensure the use of Enlist® herbicides in accordance with the label and will allow growers to capture the benefits of the Enlist® weed control system, while also helping protect endangered species. The Enlist® weed control system experienced a nearly 2 times increase in U.S. acres treated with Enlist® herbicide from 2021 to 2022.

¹ Helen Tsatsia and Grahame Jackson, "Banana Black Sigatoka (002)," Pacific Pests & Pathogens – Full Size Fact Sheets (Lucid Central), accessed November 11, 2022, <https://apps.lucidcentral.org/>.

² Randy Ploetz, "Black Sigatoka of Banana: The Most Important Disease of a Most Important Fruit" (The American Phytopathological Society), accessed November 11, 2022, <https://www.apsnet.org/edcenter/apsnetfeatures/Pages/BlackSigatoka.aspx>.

³ Douglas H. Marin et al., "Black Sigatoka: An Increasing Threat to Banana Cultivation," PlantDisease 87, no. 3 (March 2003): pp. 208-222, <https://doi.org/10.1094/pdis.2003.87.3.208>.

Our Advantaged Product Highlights (continued)

Adavelt™ active

Adavelt™ active and **Haviza™ active**, two fungicides that build off the work we've advanced with Inatreq active. Both products are currently in our pipeline and have excellent environmental and safety profiles with very low toxicity to birds and insects. Adavelt active controls a wide range of diseases in over 30 crops. Haviza targets Asian soybean rust, a devastating disease with significant impact in South America.

Haviza™ active

Utrisha™ N

NUTRIENT EFFICIENCY
BIOSTIMULANT

Utrisha™ N, a natural-origin bio-stimulant. It enables plants to fix nitrogen from the air as a sustainable supplemental nitrogen source with no risk of leaching into water or releasing additional GHG for a variety of crops, including corn, cotton, rice, soybeans, wheat, and alfalfa.

Corteva completed the acquisitions of [Stoller Group, Inc.](#) ("Stoller") and [Symborg Corporate S.L.](#) ("Symborg") in March 2023. These acquisitions reinforce Corteva's commitment to providing farmers with environmentally-friendly, sustainable tools that complement evolving farming practices with proven effectiveness, and will be a foundation for accelerated expansion in this area as a core strategic priority.



Reduced Stature Corn

Reduced Stature Corn, one of the most exciting and transformational seed solutions in our pipeline, is being developed using advanced breeding and gene editing. This corn is expected to improve yield potential and make the stalk shorter and stronger, which provides added benefits like increased climate resilience, resistance to extreme weather events, tolerance to higher plant density, better standability, and all-season equipment access to our high-yielding germplasm.¹ All-season access allows farmers to manage inputs such as fertilizer, biologicals, and crop protection, as needed.

¹Pending field trials.

3

Our Business

Business Overview

Corteva Agriscience combines industry-leading innovation, high-touch customer engagement, and operational excellence to deliver solutions for the world's most pressing agriculture challenges. We generate advantaged market preference through our unique distribution strategy, together with our balanced and globally-diverse mix of seed, crop protection and plant health products, and digital expertise. Underlying our business is one of the largest germplasm libraries in the world and some of the most recognized brands in agriculture, including Pioneer® brand seed, which has been providing product excellence, along with services that have enabled farmers to drive productivity and profitability, for nearly a century. With a technology pipeline well-positioned to drive growth, we are committed to maximizing productivity for farmers, while working with stakeholders across the food and fuel system.

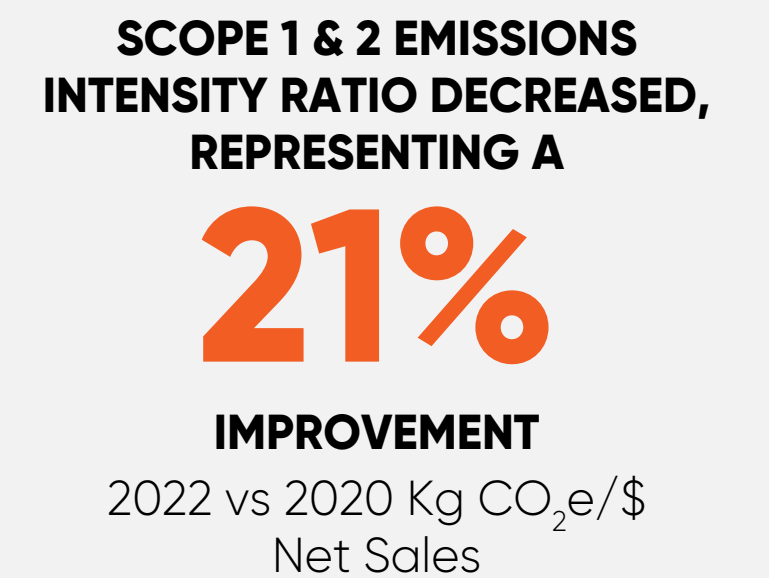
[Learn more about our seed brands and traits here.](#)

2022 Financial Highlights

U.S. Dollars ("USD") in millions



2022 Environmental and Social Highlights



¹Operating EBITDA is a non-GAAP measure. See the Appendix ("Regulation G (Non-GAAP Financial Measures)") of this document for further discussion. Income from continuing operations after income taxes was \$1.2 billion for the year ended December 31, 2022.

Strategy Based on Sustainability

At Corteva Agriscience, we understand that the future of global food and fuel production hinges on empowering farmers. This customer-first perspective guides our efforts to deliver differentiated technologies that help farmers be more productive and profitable.

Our commitment to sustainability is at the heart of our business and strategy, which is designed to meet the global challenges of food security, climate change and the energy transition, while driving greater value for farmers and allowing Corteva to reach its full potential. We continuously invest in science-based solutions such as new breeding techniques, and biological plant health solutions to create transformational change by enabling farmers to grow more on the same acres while reducing fertilizer inputs, water usage, and carbon emissions.

Our efforts to advance measurable progress in our four focus areas leverage our:

- **Strength of technology**
- **Decades of expertise**
- **Global reach and perspective**
- **Desire to achieve a more resilient agriculture ecosystem**

Upstream, downstream, and through our direct operations, we actively engage with stakeholders to guide our journey and shape our sustainability strategy. Corteva's commitment to sustainability is company-wide, aligns with our values, and connects us with the communities where we live and work.



4

Our Sustainability & ESG Focus

Our Sustainability & ESG Goals



Sustainable Innovation

We are committed to 100% of newly developed Corteva solutions in our pipeline will meet our sustainability criteria by 2025.



Climate

We are committed to taking steps to reduce our greenhouse gas footprint through a 65% intensity reduction for Scope 1 and 2 emissions by 2030, consistent with the 1.5°C pathway identified in the Paris Agreement.



Biodiversity

We are committed to helping support biodiversity and outcomes aligned to regenerative agriculture on 25 million acres in biomes where we work and sell our products by 2030.



Inclusion, Diversity & Equity

We are committed to boldly embracing the power of ID&E to enrich the lives of our employees and supply base to strengthen the performance of our Company while advancing equity in agriculture.



Sustainable Innovation



Every Corteva Agriscience innovation in our pipeline must meet our sustainability criteria by 2025.

Through this commitment, we're ensuring that each new product from our pipeline meets our stringent baseline requirements and also delivers at least one notable sustainability advantage aligned with the [United Nations Sustainable Development Goals](#) ("UN SDGs").

Corteva is focused on delivering higher-yielding climate and disease-resistant seeds, naturally-derived and sustainably-advantaged crop protection and plant health products, and other technologies and solutions that protect water, soil, and biodiversity while enhancing farm productivity and profitability.



Seed

For more than 100 years, Corteva has been a global leader in germplasm innovation. **Current hybrids, compared to those from the 1940s, produce more overall yield, including three times more under drought stress, three times more per inch of water, and at least two and half times more under nitrogen stress.**

Crop Protection

We are accelerating our journey to more sustainable crop protection and plant health concepts through industry-leading innovations in herbicides, insecticides, nematicides, fungicides, seed applied technologies, and nitrogen stabilizers.

Additionally, we have reinforced our commitment to provide farmers with environmentally-friendly and sustainable plant health and nutrition tools using biological solutions through our recent acquisitions

of Stoller and Symborg Corporate S.L. Our portfolio is led by a strong foundation of work that **has earned us six Green Chemistry Challenge Awards from the U.S. EPA; more than any other agricultural input company.**

Rinskor™ active

We are also continually innovating to improve our manufacturing processes for reduced environmental impact. For example, **since launch, the relative process greenness¹ score for Rinskor™ active production has increased by over 224% and is in the top 1% of referenced production routes.**

Digitally-Enabled

Corteva's integrated digital tools help farmers optimize their seed and crop protection investments and drive sustainable farming solutions.

We provide farmers with enhanced visibility into their fields and production systems so they can maximize productivity while meeting their sustainability objectives. These tools ensure the right products are applied to the right acre at the right time to maximize success while protecting farmland for generations to come.

¹ Roschangar, F. et. al. Improved iGAL 2.0 Metric Empowers Pharmaceutical Scientists to Make Meaningful Contributions to United Nations Sustainable Development Goal 12. ACS Sustainable Chemistry & Engineering 2022 10 (16), 5148-5162

² Must meet baseline requirements and deliver at least one notable sustainability advantage while maintaining parity compared to other products in the market today.

Capabilities for Advancing Innovation

Delivering More Sustainable Solutions to Customers

Drawing on a legacy of green chemistry and a century of applied agronomy to increase yields, Corteva Agriscience is determined to solve the biggest challenges facing crop production and the environment.

We work with farmers to understand how to transform our science into actionable solutions that work for them while protecting the natural resources that agriculture and society rely on. Enabling farmers to adopt new regenerative and climate-positive farming practices is part of our unwavering mission to establish a more food- and fuel-secure world.

Seed

We are focused on increasing the potential of current levels of crop productivity by advancing innovations in trait-enabled germplasm. We are complementing those innovations with new phenotypes, trait combinations, and digital recommendations that work in combination to push productivity and environmental robustness to new heights. With a solutions-based focus on genetics, biotechnology, and data-driven insights, Corteva strives to be the leader in delivering seed products that enhance the sustainability of crop production by maintaining or increasing yields while minimizing resource usage.

Crop Protection

Corteva uses predictive assays, coupled with analytics and artificial intelligence, to intentionally design active ingredients and products that are effective, environmentally-friendly, and sustainable. We are expanding our portfolio of naturally-derived crop protection and plant health options, including growing our suite of biological products that complement synthetic chemistry-derived solutions. This commitment was underscored by our recent acquisitions of Stoller and Symborg Corporate S.L., which have positioned Corteva as one of the largest biological plant health companies in the world. Additionally, we continue to seek more sustainable delivery systems and technologies that reduce drift and waste, delivering crop protection solutions in a more sustainable way.

Accounting for the GHG Reduction Benefits

Our climate initiatives include the development of sustainably-advantaged seed and crop protection products that enable farmers to produce more crops with lower carbon intensity. Our new chemistries power crop protection products with effective low use rates, reducing both the GHG emissions handprint and footprint of these solutions on a per acre basis. These products must meet the needs of farmers facing the effects of climate-exacerbated disease and pest pressures. Further, we continue to develop new seed products with higher genetic gain potential to enable farmers to grow more without expanding the amount of farmland in production.



"Without the improvements in agriculture over the last 100 years, we would need seven times more land converted to farmland than what is in production today."

Sam Eathington, Chief Technology & Digital Officer

Industry-Leading R&D Paving the Way for Sustainable Agriculture

The Power of Applied Agriscience

Corteva Agriscience’s R&D teams harness the power of scientific innovation and applied know-how to develop powerful solutions for farmers around the world.

By innovating with advanced breeding techniques and sustainably-advantaged crop protection and plant health solutions, we aim to create transformational change. We believe no farmer should have to make trade-offs with productivity, sustainability, financial security, or environmental integrity.

We work in the lab and on the land to deliver technologies that farmers can use to help improve their operations for generations to come. Our scientists apply advanced agriscience in R&D facilities and global field trials to build strong and enduring farm systems that adhere to our rigorous sustainability criteria.

In our 2021 Sustainability Report we noted approximately 90% of our new crop protection products met our sustainable innovation criteria. **In 2022, 100% of our new seed product offerings met our sustainable innovation criteria.**

For new Corteva seed products, we have established thresholds for each sustainable innovation criteria to deliver a notable sustainability advantage.

Sustainability Architecture	UN Sustainable Development Goals	2 ZERO HUNGER	6 CLEAN WATER AND SANITATION	13 CLIMATE ACTION	15 LIFE ON LAND
	Corteva's Criteria	Improve Resilience of Agricultural Production	Increase Water-use Efficiency	Reduce Greenhouse Gas ("GHG") Emissions	Protect Biodiversity and Ecosystems
	Seed Sustainable Innovation Criteria Standard	Improve Yield Measured by Genetic Gain	Improve Crop Productivity per Unit of Water, Compared to Current Standard	Reduce GHG vs. Baseline Standard Production	Seed Products That Improve or Sustain Safety on Non-Target Organisms
Launching/Launched	Conkesta® E3 Soybeans	✓	✓		✓
	Cotton Widestrike® 3 Enlist® 1	✓	✓		✓
	Direct Seeded Rice	✓	✓	✓	✓
	Enlist® E3 Soybeans	✓	✓		✓
	Inzen® trait Sorghum	✓	✓		✓
	LibertyLink® Canola	✓	✓		✓
	PowerCore® Corn	✓	✓		✓
	PowerCore® Ultra Enlist® Corn	✓	✓		✓
	Qrome® Corn	✓	✓		✓
	Roundup Ready 2 Xtend® + LibertyLink® Soybeans	✓	✓		✓
Winter Canola Sclerotinia Protector	✓	✓	✓	✓	

Sustainable Innovation

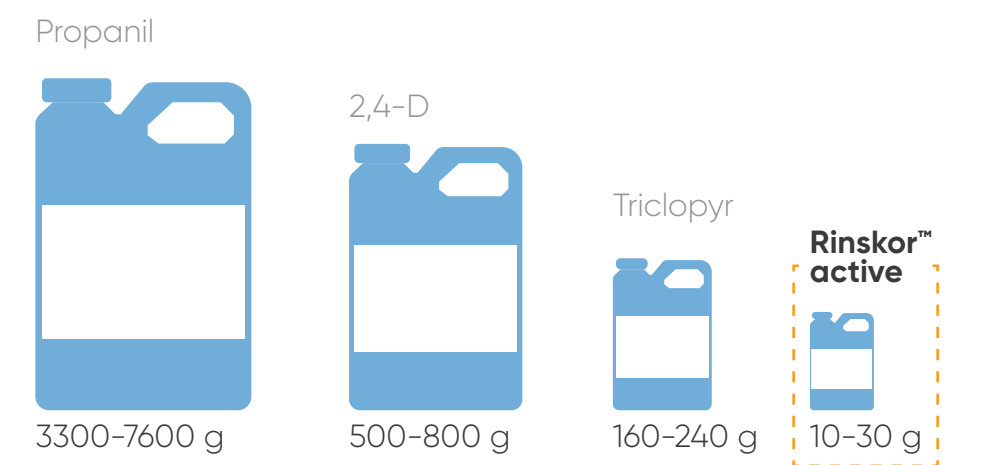
Rinskor™ active herbicide, a 2018 Green Chemistry Challenge Award Winner, has a favorable environmental and toxicological profile that delivers effective post-emergent control of key weeds in rice crops and other crop systems. This herbicide's unique chemical characteristics provide an alternative weed management tool – including the control of species that have developed resistance to other commonly used modes of action. It has a short half-life and degrades quickly in soil, contributing to less environmental impact.

Rinskor's effective low use rate results in a lower amount of active ingredient needed for control. **Rinskor can replace older synthetic chemistries and can be used at a 150 times lower use rate, potentially avoiding over 1 million tons of CO₂-equivalent over the next 5 years.**

DECREASED

CO₂-Equivalency | Environmental Load
~ 1.5B kg | **> 100M kg**

Use Rates vs. Other Herbicides **Up to 150X less**



*Use rate (g a.i. / ha) in rice

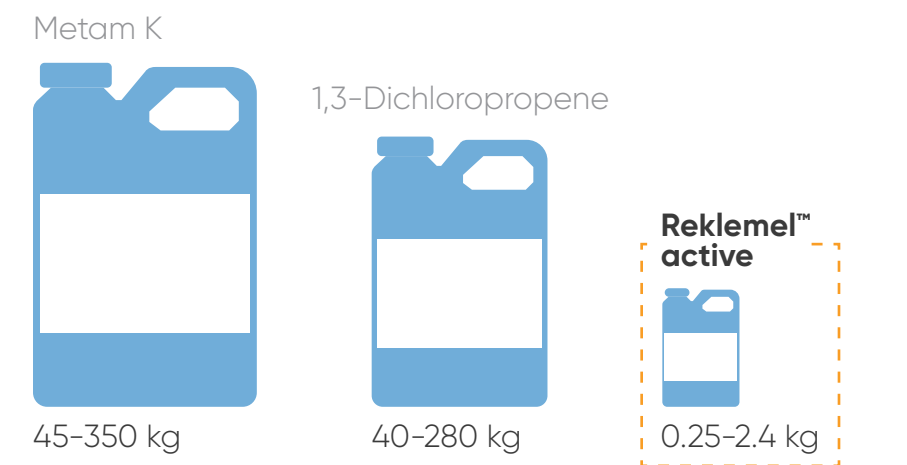
Reklemel™ active is a nematicide that is applied **at use rates up to 50 times lower than other nematicides and protects against nematode damage without disrupting the healthy balance of the soil.** It works in harmony with a range of beneficial soil organisms, and was accepted for review under the U.S. EPA Office of Pesticide Program's Conventional "Reduced Risk" Pesticide Program.

Reklemel also received a Sustainability and the Circular Economy Award from the National Association of Manufacturers. The lower use rate translates to lower GHG emissions (cradle to gate) per hectare, potentially avoiding more than 500M Kg of CO₂-equivalent emissions over the next five years¹.

DECREASED

CO₂-Equivalency | Environmental Load
> 500M kg | **> 200M kg**

Use Rates vs. Other Nematicides **Up to 50X less**



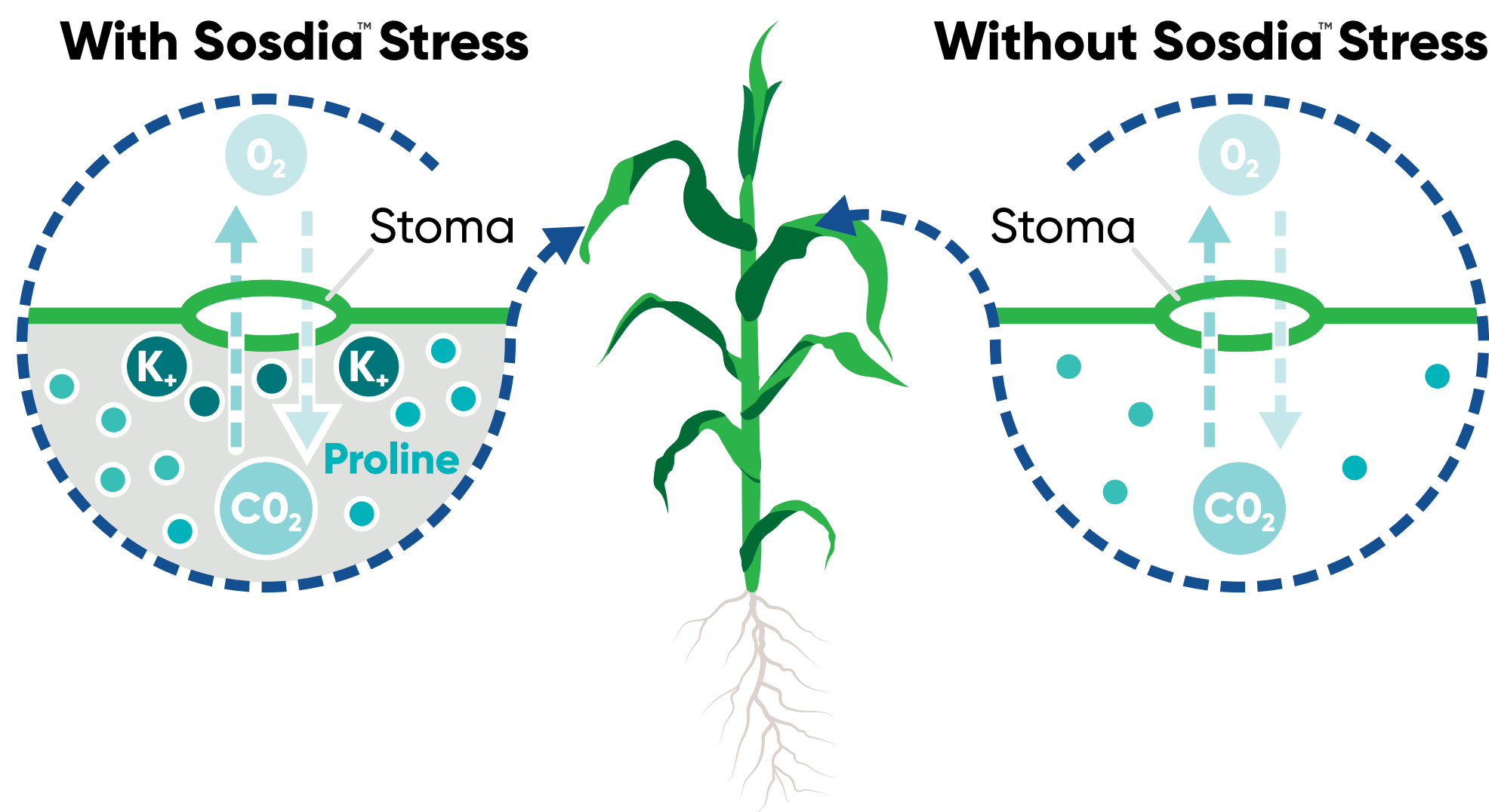
*Use rate (kg a. / ha) nematode control



¹Pending regulatory approvals

Sustainable Innovation

Sosdia™ Stress is an abiotic stress mitigator that helps reduce yield loss in corn, soybeans, wheat, and additional crops associated with environmentally stressful conditions such as drought, heat, salinity, and ultraviolet light. Sosdia Stress contains proline – a natural amino acid – and potassium to protect plant cells, reduce water loss, and improve the plant’s ability to remove carbon dioxide from the air. It helps crops thrive even under challenging weather conditions.



Protects During Critical Periods

By protecting crops during flowering, pollination and early grain fill, yield is preserved.

Adavelt™ active is an innovative new naturally-inspired next-generation picolinamide fungicide that has favorable toxicological, environmental, and regulatory profiles, providing control to protect both yield and profitability. Adavelt controls a wide range of pathogens, delivering effective control on many crops grown globally, including cereals, vines, fruits, nuts, and vegetables. This fungicide offers improved efficiency with applications that span multiple growth stages.

Vorceed™ Enlist® corn combines next-generation corn rootworm protection with the power of the Enlist® weed control system to give farmers the flexibility to manage the toughest insects and weeds with minimal physical drift. Vorceed provides drastically reduced root damage vs. non-traited control in moderate to heavy corn rootworm pressure environments, and an approximate 99% reduction in adult emergence of Western and Northern corn rootworm. Vorceed Enlist® corn utilizes a proprietary technology stack which includes a new rootworm control mode of action for durability while maintaining high yield potential for grain production.

Conkesta E3® technology is part of the Enlist® weed control system, which launched in Brazil in 2021. An important innovation for farmers in Latin America, Conkesta E3® soybeans incorporate broad lepidopteran insect protection with strong genetics as part of the Enlist® weed control system, which offers maximum flexibility and superior control of broadleaf weeds and grasses while maximizing the potential of the crop yield.

Grain and Silage Corn is offered through our seed brands. Each provides products backed by local testing and research to ensure farmers have the right seeds in their fields. These high performing corn hybrids are tailored to drive high forage yields with improved digestibility for livestock; requiring lower feed inputs. In Europe, M3 corn is driving market change by offering highly digestible corn products with high yield resulting in more milk production per acre, all while decreasing CO₂ equivalent emissions compared to traditional corn hybrids. This is a win for food production, energy production, and the environment.

Reduced Stature Corn in Corteva’s pipeline with commercialization expected mid-decade, is about 60% of the height of standard commercial corn hybrids while maintaining harvestable ear height. The reduced stature improves durability in challenging weather compared to taller hybrids. Additionally, its reduced height will allow for more flexible over-the-top applications of fungicides, insecticides, biologicals, and nitrogen fertilizers – all of which helps farmers get the most from their crop while providing climate change resiliency.¹

AcreNext™ is an integrated direct seeded rice program. The hybrid seed has increased yield, can be planted using mechanized sowing services directly into the field, and is compatible with highly efficient crop protection solutions that do not require flooding fields. This comprehensive offering will help farmers produce healthier rice crops that mature faster with increased yields, while being less water and labor intensive.

¹ Pending field trials

Biodiversity



We are committed to helping support biodiversity and outcomes aligned to regenerative agriculture on 25 million acres in biomes where we work and sell our products by 2030. We will use a combined approach focused on product and productivity impacts using Corteva Agriscience's technologies, partnerships with organizations that share our vision, and improvements to our own operations.

We will accomplish this through:

- Demonstrated biodiversity advantages of our new **products** and **systems**
- Improved **genetic gain and yield protection** helping prevent additional land-use change
- **Partnerships** that support conservation and restoration of non-productive, grazing, or marginal land
- Corteva **facilities and production fields** adopting more favorable biodiversity practices



A **biome** is defined as an area classified according to the species that live in that location.





Preserving Biodiversity

Our planet’s biodiversity reflects the variety of all living species that exist in partnership. Biodiversity is the variety of organisms and micro-organisms that live in and around production systems, sustaining healthy soils, plant pollination, and climate resiliency while driving regenerative agriculture outcomes and preserving habitats. Changes to biodiversity can have wide-ranging effects on yield, productivity, and land availability while affecting the soil, water, and wildlife that enable our food systems.

Corteva Agriscience has made a commitment to address biodiversity, for ourselves, for farmers, and for our planet.

Products

Sustainably-advantaged Products

Corteva offers differentiated and sustainably-advantaged crop protection products to help increase farmer productivity while limiting their impacts to biodiversity and organisms that preserve soil health. Reklemel™ active is a selective nematicide that targets damaging plant-parasitic nematodes without disrupting many beneficial organisms in the soil. Reklemel™ enables root establishment and contributes to healthy crops and high-quality harvests.

Enlist® Weed Control System Sets Path for EPA Endangered Species Act Consultations

Corteva’s Enlist® One and Enlist® Duo herbicides – part of the leading Enlist® weed control system – were granted seven-year amended registrations by the U.S. EPA following the completion of their new consultation process for complying with the Endangered Species Act. These registrations ensure farmers can access these critical weed control solutions that also reduce risks to listed species and their habitats.

Productivity

Reducing Need for Additional Farmland

Some industry estimates suggest demand for renewable oil may grow to 7-9 billion gallons in North America, and 17 billion gallons, globally, by 2030. To help meet this need, Corteva R&D teams are establishing a novel double-cropping system to incorporate winter canola into the southern U.S.

This canola can be processed into oil for renewable fuel without interfering with production of a primary crop for food or fiber. Field trials are underway to confirm the agronomic placement and production practices needed to realize this vision. If successful, farmers could realize added value from a second crop on existing acreage. Winter canola will also serve as a cover crop to improve carbon sequestration.

Productivity (continued)

Innovative Plant Breeding Helps Produce More on the Same Land

With over 100 years of continuous plant breeding experience, we are developing innovative genetic solutions that measurably increase yield and productivity, which can prevent more land from coming into production, globally. By applying advanced gene editing technology such as CRISPR, Corteva Agriscience is developing solutions to address unique regional pest, disease, and climate-related threats that plague farmers.

Operations

Advancing Biodiversity at our Seed Production Facilities

Our Waialua, Hawaii Parent Seed Farm leverages the latest biotechnology to produce both conventional and genetically-engineered corn seeds for farmers around the world. The 2,200-acre site implemented a diverse cover cropping system for erosion control and beneficial insect refuge, combined with native tree breaks along its slopes and roadways. Drip irrigation, coupled with biological nitrogen and phosphorous enhancers, further support a healthy, productive soil system. With more than one-third of Hawaii's native plants listed as threatened or endangered¹², protecting this vital biome is critical.

Partnerships

Improving Pollinator and Wildlife Habitats on Non-crop Rights-of-way

We have partnered with leading conservation non-profits Pheasants Forever and Quail Forever to improve plant and wildlife biodiversity on approximately 5 million acres located across the estimated 35 million acres of rights-of-way and energy corridors in the U.S.

Leveraging Corteva's integrated vegetative management practices, specialists and industry practitioners are developing new technologies and practices for land management professionals, delivering an estimated 14% improvement in land-use change and biodiversity loss.

Participation in USDA Partnerships for Climate-Smart Commodities Grants

Corteva is honored to participate in four Climate-Smart Commodities grants, partnering with universities, governments, and non-profit organizations to advance biodiversity, reduce GHG emissions, and support historically-underserved communities. For example, Corteva is working with USA Rice, Ducks Unlimited, and other partners to help rice farmers in the southern U.S. manage critical wetland habitats for migrating waterfowl while implementing climate-smart practices.



¹<https://dlnr.hawaii.gov/ecosystems/rare-plants/species/>.

²<https://hawaii-agriculture.com/with-pineapple-and-sugar-production-gone-hawaii-weighs-its-agricultural-future/>.

Climate



Corteva Agriscience is committed to a 65% intensity reduction target (42% absolute reduction target) for Scope 1 and 2 emissions by 2030, consistent with the 1.5°C pathway identified in the Paris Agreement.

The reduction in Scope 1 and 2 emissions will be achieved through energy reduction initiatives, efficiency gains, and strategic renewable energy procurement opportunities.

Learn more about Corteva's [Greenhouse Gas Emission Governance, Risk Management, and Performance](#).

We are committed to addressing the world's climate challenges by reducing our own GHG emissions and continuing to create innovative solutions for farmers that are compatible with 1.5°C pathway identified in the Paris Agreement.

Our efforts will help farmers produce more food while reducing environmental impact, and contribute to a sustainable agriculture industry for generations to come.

Implementing Sustainable Emissions Reductions

Renewable Energy Certificate ("RECs")

Through our utility provider, [AES Indiana Green Power Initiative](#), Corteva purchased Renewable Energy Certificates equal to all the electricity consumed at our headquarters in Indianapolis, Indiana in 2022. The purchase of these RECs resulted in a reduction of total global Scope 1 and 2 emissions of approximately 4%. We will continue to evaluate renewable energy opportunities as a component of our GHG reduction strategy to reach our 2030 commitment.

GHG Protocol Multi-stakeholder Pilot

Corteva is participating in the global [Greenhouse Gas Protocol Land Sector and Removals Guidance pilot](#), a multi-stakeholder initiative designed to guide companies in the accounting and reporting of land-related GHG emissions and removals. Sponsored by the [World Resource Institute](#) and the [World Business Council for Sustainable Development](#) and aligned with the Science Based Targets Initiative, the pilot will advance Scope 1-3 reporting transparency while addressing pressing issues around land-use change, land management, and carbon storage in land and product carbon pools.





Scope 3 Emissions Reporting

Corteva Agriscience is leveraging its strengths in sustainable innovation and operational effectiveness to drive GHG emission reductions. This means not only investing to meet our science-based Scope 1 and 2 emissions targets, but also developing the next generation of agriculture solutions designed to reduce emissions. This is where we see the largest opportunity to contribute to positive climate outcomes.

Ongoing stakeholder conversations are helping to develop the mechanisms and technologies to improve the data quality and reliability of Scope 3 emissions reporting within the agriculture and chemical industry. We are working through the Corteva Carbon Initiative and with industry and sustainability thought-leaders to develop standards and accounting practices for emissions reporting and data collection to reduce the reliance on estimations and address the challenges to efficiently obtain reliable data from a company's value chain.

We continue to engage with our stakeholders, including our stockholders, customers, suppliers, regulatory authorities, and industry associations, to develop our emissions priorities. While we don't expect to have a Scope 3 emissions target in the near term, we plan to stay transparent in our reporting and flexible around our efforts to reduce GHG emissions in the future, while continuing to advocate for GHG emissions-reduction policies and practices.

Learn more about how we are working with groups including Together for Sustainability ("TfS") and the World Business Council for Sustainable Development ("WBCSD") to lower emissions through sustainable practices and partnerships.

Through our stakeholder engagements, we identified a growing interest in further verifiable quantification of our products' environmental benefits.

See [Measuring the Environmental Life Cycle of Our Products](#) for more information on our journey to demonstrate the benefits of new lower carbon technologies that show positive changes to emissions.

See [Our Focus: Sustainable Innovation and Corteva's Green Chemistry Principles](#) for examples of our lower environmental profile products.

Inclusion, Diversity & Equity

ID&E is core to who we are at Corteva Agriscience and essential to our success. Diverse talents and perspectives fuel curiosity, creativity, and innovation – all of which enhance our ability to provide the best products and solutions for farmers around the world.

We are committed to boldly embracing the power of ID&E both within and outside of our company. We strive to enrich the lives of our employees, strengthen our supply base, and heighten the performance of our company, while advancing equity in agriculture. With ongoing support from our Board of Directors and a strong focus from our CEO and Executive Leadership Team, this commitment is critical to our long-term business performance.



The farmers we serve represent a diverse mix of nations, cultures, communities, and crops. To anticipate and meet their needs, our workforce and supply base must mirror that diversity.

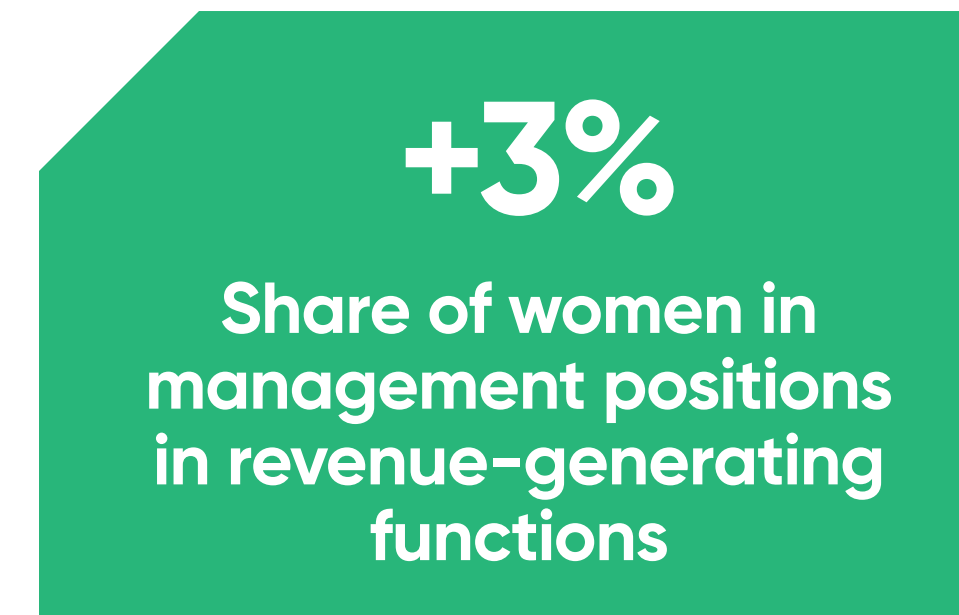
Our strategy remains focused around [three key pillars](#) to advance our ID&E journey: fostering an internal culture of belonging; enhancing the diversity of our workforce; and making an external impact through our work with farmers, suppliers, and other industry stakeholders.

In 2022, we increased our global female and U.S. minority employee representation and achieved greater inclusion of small business and diverse suppliers in our global supply base. While we are encouraged by this progress, we recognize that we have more work ahead to continue building momentum in 2023 and beyond.

Audrey Grimm, SVP, Chief Human Resources & Diversity Officer



[ID&E is foundational to who we are and what we plan to achieve as a Company.](#)



Since launching our ID&E strategy in 2021, we have established the building blocks for accelerating our progress in this important area. [See more on how these initiatives are starting to deliver positive results.](#)



[Corteva collaborated with USAID and ACDI/VOCA in Tanzania between 2011 – 2022](#) to increase the productivity of 600,000 smallholder farmers by 300% on average.

2022: Solidifying Our Actions in Alignment with Our Three Pillars

Embedding ID&E even more deeply into our business will be crucial to furthering progress and ensuring colleagues at every level feel connected to our aspiration. We are encouraged by the opportunities that lie ahead and look forward to continuing to advance our ID&E commitments.



We've made solid progress this year. What's really exciting is that functional, regional, and local teams are starting to take the initiative in areas that directly impact our ID&E goals. Continuing to embed ID&E in all facets of our business will be key as we advance our journey toward becoming a more inclusive, diverse, and equitable company.

Anne Holiday, VP, Global Talent, Culture and Inclusion, Diversity & Equity



Culture of Belonging

Our internal efforts center around the importance of enabling a diverse culture of inclusion, where processes are equitable, and employees at every level feel a true sense of belonging. For the second consecutive year, we received favorable marks related to belonging on our global employee check-in survey.

A comprehensive assessment of our recruitment and hiring practices revealed both strengths and areas of opportunity. We leveraged these insights to develop several new initiatives to further strengthen our ability to attract, develop, and retain diverse talent. Examples include recruiter training to strengthen our sourcing and recruiting capabilities, refinements to our university relations processes, and plans to increase leader awareness and accountability relating to the impact of individual hiring decisions and Corteva Agriscience's enterprise ID&E goals.

Membership within our Business Resource Groups ("BRGs") grew by 10% in 2022 with 22% of our employees (including 38.5% of people leaders) belonging to at least one of these groups.



Diverse Representation

Enhancing the diversity of our workforce is critical to delivering innovative breakthroughs for farmers.

We expanded the scope of our [diverse representation goals](#) to include all regular employees (previously salaried only) and are now tracking metrics which more accurately represent our employee base. While our original baselines changed, our five-year targeted percentage increases set in 2021 remain the same.

In 2022, we increased [global female and U.S. minority representation](#) overall, as well as within the pipeline to leadership, putting us on track to achieve our 2026 representation goals.

Additionally, we began to track similar metrics outside of the U.S. where data is available, namely Brazil and South Africa, both of which recorded positive progress within their respective minority employee populations in 2022.



External Impact

Throughout the year, we worked to advance ID&E progress beyond our walls by promoting inclusion within our supply base and engaging industry stakeholders in addressing equity challenges in agriculture.

We maintained our focus on supplier diversity and increased global spend with small business and diverse suppliers in 2022. We collaborate with 14 non-governmental organization supplier diversity advocacy groups to help foster these efforts.

We continued to promote dialogue on these issues within the agriculture industry through the release of four new short films in our documentary series, [The Heart of the Farm](#), which highlights the diversity of the American farmer. The series surpassed 11 million views online as of December 2022.

Corteva continues to be acknowledged for making a difference. Examples can be found in the [Awards & Recognitions section of this report](#).



Business Resource Groups: Supporting Our Company and Colleagues

Corteva Agriscience supports nine [Business Resource Groups \("BRGs"\)](#) – each made up of devoted colleagues who give their time and talents to bring others together, celebrate different cultures and heritages, serve our communities, and support activities to accelerate our ID&E progress.

BRGs play a significant role in advancing our ID&E strategy and business objectives. As an example, the **Corteva Veterans Network ("CVN")** recently partnered with our Seed Operations organization on a hiring initiative targeting U.S. veterans. Launched on National Hire a Veteran Day, the 90-day program offered sign-on bonuses for veterans hired and bonuses to the referring employees. We recognize the valuable and unique capabilities veterans bring to our organization and plan to expand this initiative to other areas in 2023.

Earlier this year, we launched our ninth BRG in celebration of International Day of the World's Indigenous Peoples. Our **Global Indigenous Peoples Alliance ("GIPA")** was founded by colleagues at our Laurinburg Seed Production Site in Maxton, N.C., where more than 15% of our workforce identifies

as Native American. Following a global webcast highlighting the customs and traditions of the Lumbee tribe, colleagues in Maxton hosted tribal leaders to celebrate the launch of the new GIPA BRG. GIPA members continue their important work throughout the Maxton area with rich ties to the community, supporting volunteer activities at the local food bank, and hosting coat and school supply drives for area youth.





ID&E Highlights

Developing Emerging Leaders and Talent in Agriculture ("DELTA")

Providing equitable growth and development opportunities is a key component of our ID&E aspiration. Corteva Agriscience's DELTA program offers career development opportunities to underrepresented minorities in the STEM field, helping to nurture a strong, diverse talent pipeline within the agriculture industry.

Initiated and led by members of our R&D team, DELTA targets students and postdocs who are interested in a career in agriculture and want to learn more about sustainable and reliable food production. Selected applicants participate in an R&D symposium, share their own research, network with industry professionals, and develop critical skills that are advantageous to any career.

Our 2022 symposium provided exceptional talent with exposure to Corteva and resulted in a significant number of scholarships and research grants, as well as full-time and postdoc job offers.

Inspiring the Next Generation of Women in Ag

Women farmers face a unique set of challenges within agriculture, including access to technology, property, and financing. These issues were highlighted during an event organized by the Corteva and European farmers' and agri-cooperatives' union, [COPA COGECA](#), at the European Parliament in Brussels in November 2022.

Sponsored by three members of European Parliament, the event was the culmination of Corteva's "Inspirers" campaign and provided Corteva colleagues and COPA COGECA members with the opportunity to share personal experiences highlighting the challenges and opportunities facing women in agriculture. These insights led to a robust discussion with European policymakers about reducing gender inequality in the sector. Women shared their passion for food and farming, successes in overcoming barriers, and feelings of gratification that come with contributing to a more sustainable and food-secure future.

Hear from some of our Corteva Inspirers as they share insights and experiences as [women in ag](#), revealing the breadth of opportunity available within the sector and inspiring the next generation of women to consider future careers in agriculture.

4

Environment, Social, and Governance ("ESG") Disclosures



ESG Disclosures

Sustainability & ESG Governance	34
Stakeholder Engagement and Non-Financial ESG Materiality	35
Board of Directors and Board Committee ESG Governance	37
Executive Leadership ESG Governance	38
Additional Governance Topics	41
Environment	43
Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	44
GHG Governance, Risk Management, and Performance	49
Biodiversity Governance, Risk, and Opportunity Management	61
Water Stewardship	63
Circular Economy	66
Social	69
Environment, Health, Safety, & Security ("EHS&S") Governance, Risk Management, and Performance	70
ID&E Governance, Risk Management, and Performance	73
Empowering and Enriching the Lives of Smallholder Farmers	78
Engaging with Communities	80
Political Giving and Public Policy	82



Sustainability and ESG Governance 2022 Highlights



Established our Commitments
to Sustainable Innovation,
Biodiversity, Greenhouse
Gas Emissions, and Inclusion,
Diversity & Equity



100%

of Employees Completed
Code of Conduct and
Business Ethics Training



Interactive Engagement
with Shareholders and
Stakeholders Across the
Value Chain



Stakeholder Engagement and Non-Financial ESG Materiality

Stakeholder engagement is an essential element of our sustainability and ESG strategy. Corteva Agriscience believes that companies contribute to sustainable growth efforts by engaging in regular, open dialogue with stakeholders about community and company issues and working together to solve problems. We value the perspectives and insights of a wide range of stakeholders who have a stake in stewarding the future, including employees, suppliers, customers, stockholders, peer companies in the value chain, non-profits, communities, government bodies, scientists, and trade associations. Corteva regularly engages with these stakeholders to educate them on our business strategy and incorporate their feedback into our sustainability strategy.

In addition to our overall business strategy and our journey toward simplifying our business, understanding the needs and interests of our stakeholders has been crucial to the development of our sustainability strategy and identification of the priorities and target activity where we can have the most positive impact. To obtain these insights, we engage stakeholders in our Non-Financial ESG Materiality Assessment¹. In 2022, Corteva expanded its Non-Financial ESG Materiality Assessment to include a robust review of our sustainability focus areas. We conduct this analysis by identifying and prioritizing topics using a dynamic data-driven process for issue identification. This allows us to monitor the priorities of our external stakeholders as we

develop, execute on, and continuously refine our sustainability strategy to ensure it aligns to our business strategy, and contributes positively to agriculture and the communities in which we operate.

This engagement remains equally crucial as we track and report on progress against our commitments. Collaboration is necessary to reach the ambitious targets we have set. We can achieve more when we work together and when we start with those who already have a stake in stewarding our collective future. Stakeholder engagement can take many forms, including but not limited to education and information sharing, innovation and collaboration, consultation, incentivization, compliance and onboarding, and information collection.

We are committed to engaging stakeholders consistent with our purpose and values. Our engagement with stakeholders is guided by our Privacy Statement, which describes our practices in connection with information that we collect.

Our Code of Conduct sets out the standards expected from all our employees when engaging with stakeholders. We expect our employees to conduct our business activities ethically and with high levels of transparency.

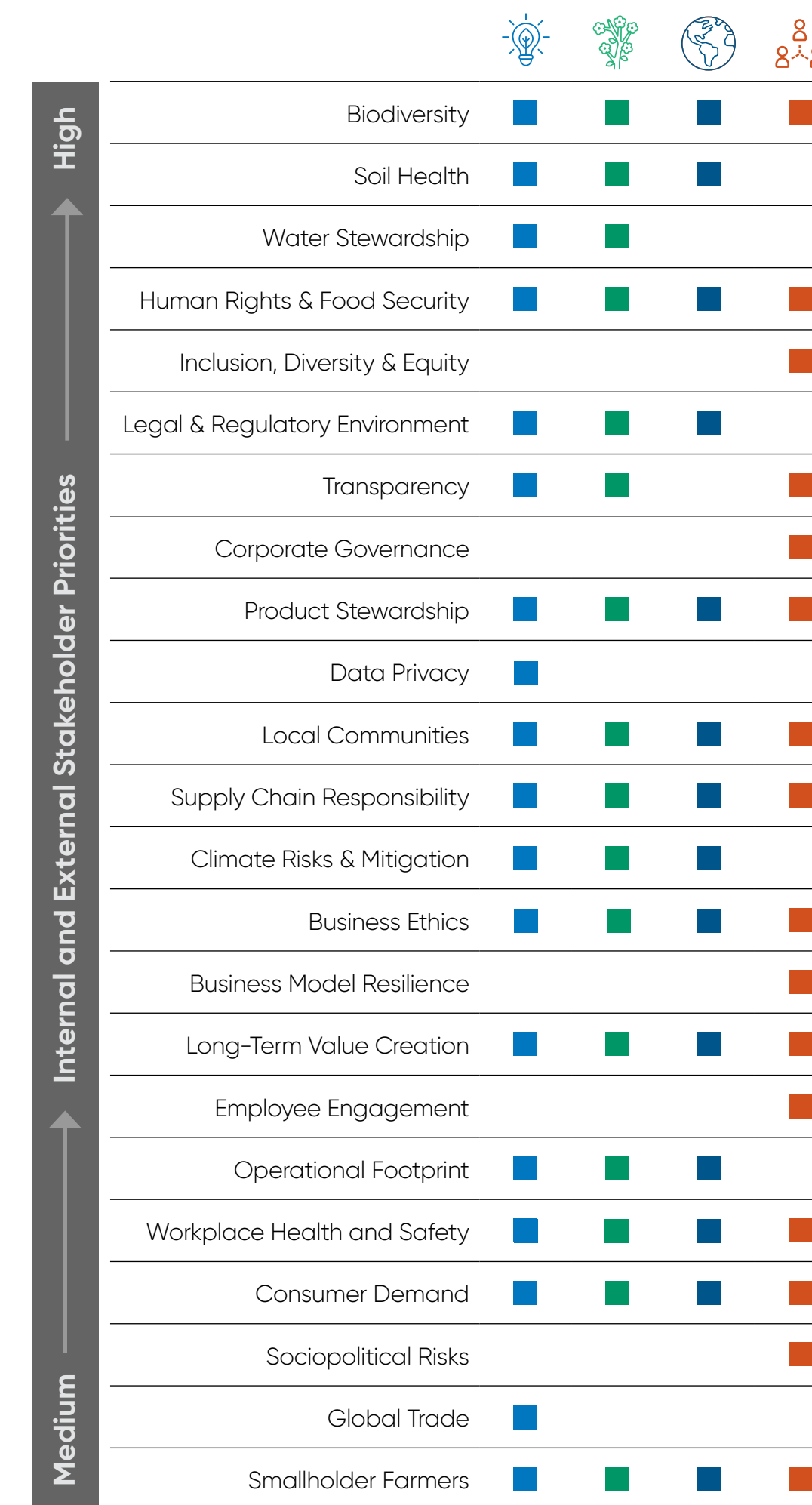
Our customers, business partners, shareholders, and other stakeholders expect nothing less of us.

Looking Ahead

We regularly post stakeholders news, events, and presentation information in the [Sustainability](#) and [Investor Relations](#) sections of our website.

¹The non-financial ESG materiality assessment identifies sustainability topics of relative importance or that are considered significant to internal and external stakeholders but is not aligned to any definition of materiality as outlined in securities law, the Occupational Health and Safety Act, or any other federal, state, local or foreign law, rule, or regulation.

Corteva's 2022 ESG Topics



Corteva Areas of Focus



Sustainable Innovation

Innovative solutions to increase productivity and profitability potential, provide climate solutions and improve crop resilience.



Biodiversity

Efforts to reduce environmental impacts through agronomic best practices and investment in preventing future land-use change in sensitive areas.



Climate

Science-driven action to address climate change and reduce GHG footprint.



Inclusion, Diversity and Equity

Attract and retain the best talent from a variety of backgrounds, worldviews and life circumstances and enable a culture of belonging.

2022 Stakeholder Highlights

	Upstream Supply Base	Operations and Local Communities	Downstream Supply Chain, Farmers, and Producers	Customers and Partners	Consumers and Society	Investors
2022 Relationships	To decrease Scope 3 GHG emission reporting challenges across chemical supply chains, Corteva Agriscience worked with Together for Sustainability to launch the Product Carbon Footprint ("PCF") Guideline .	Our focus in Ukraine and Russia continues to be the safety of our colleagues, their families, our customers, and preventing a global food crisis. In support of the Ukrainian people, we decided to stop production and business activities in Russia.	We launched a new resource for ranchers: <u>It All Starts with Grass: How High-Quality Grazing Supports a Healthy, Productive Herd.</u>	Products with low use rates, favorable environmental profiles, and lower carbon footprint help lower our customers' environmental impact.	The Global Food Security Index now includes critical metrics linking agricultural efforts, such as access to agricultural inputs and investment in R&D, to food security.	We presented our lineup of sustainable seed and crop protection solutions at our Investor Day and R&D Field Showcase that will accelerate our journey to achieve our sustainability goals.
Stakeholder Expectations	Several factors hinder Scope 3 reporting progress, including complex agricultural supply chains, which make emission tracking expensive at a time when food security concerns are high due to rising costs.	We have taken action to support and protect our Ukrainian colleagues and their families, our customers, and the communities in which we operate through direct and indirect aid.	This resource from Corteva provides pasture management tips to help improve herd productivity.	Unathi Mhlatyana, Managing Director of McCain Foods South Africa said " innovative crop protection technologies are vital to the sector's ongoing sustainability - especially against the backdrop of climate change, extreme weather conditions and rising input costs."	In 2022, Corteva and Economist Impact won a Great Food Award for their collaborative impact to work towards solving world hunger.	Solid financial performance and consistent shareholder value. Focus on sustainability, long-term value creation, innovation, governance, ethics, and transparency.
Our Response	Industry-wide collaboration and continuous improvement of chemical supply chain sustainability requires an international perspective combined with regional know-how.	Given the war's impact on global food security, Corteva is donating seeds to Ukraine and across Africa and the Middle East region for the 2023 growing season.	"Sound pasture management is as important as a good vaccine protocol or feed and mineral program," said Jeff Clark, Market Development Specialist, Corteva Agriscience.	Zorvec® Encantia® features a favorable environmental profile and is effective on target organisms at very low use rates with no harmful effects to beneficial species.	Corteva is committed to enriching farming and agriculture while providing farmers with the tools needed to keep growing. Reviewing these critical metrics can empower farmers and promote the importance of investment in agricultural R&D.	"We have refined our company's strategy, operating model, and culture, all designed to meet the global challenges of food security, climate change, and the energy transition, but also drive greater value for farmers and allow Corteva to reach its full potential," said Chuck Magro, Corteva Agriscience CEO.
Our Challenges	Through partnerships, education, and other initiatives, Corteva is working to provide its suppliers with the resources they need to adopt sustainable practices and reduce their environmental impact.	Corteva joins with many others around the world in advocating for peace.	The quantity and quality of grass affect cows' bodily condition, specifically breed-back, milk production, daily gains, and the immune system.	Continued sustainable product innovation isn't a byproduct of our work, it's the result of intentional design. See how we accomplish this through Sustainable Innovation Governance .	"Long-term food security depends on addressing some of the major challenges in the agriculture industry that affect farmers," said Tim Glenn, EVP, Corteva Agriscience Seed Business Unit.	"Farmers need improved products that solve farm- and field-level challenges, all while helping improve the overall sustainability of agriculture," said Sam Eathington, Chief Technology Officer and Digital Officer, Corteva Agriscience.

Board of Directors and Board Committee ESG Governance

Sustainability and Innovation (“S&I”) Committee

Our S&I Committee has primary responsibility for Corteva's sustainability-related goals. S&I oversees Corteva's performance toward our sustainability commitments and other sustainability-related matters and provides oversight of the risks related to the Company's innovation pipeline and safety.

Audit Committee

Our Audit Committee discusses ESG topics from time to time and oversees financial filings that include certain ESG topics, including preparation for the U.S. SEC Climate Proposal.

People and Compensation Committee

Our People and Compensation Committee oversees the Company's human capital management and inclusion, diversity, and equity strategy.

This committee is also responsible for our ESG Modifier for the Company's 2022 short-term incentive program for executives, including a focus on increasing year-over-year sales of sustainable crop protection products.

Additionally, all employees have sustainability-centric priorities embedded into annual performance assessments. Across the business, key individuals who are responsible for sustainability initiatives may have specific annual performance goals tied to the delivery of projects related to these initiatives.

Governance and Compliance Committee

Our Governance and Compliance Committee retains oversight of our ethics, compliance, and safety programs, which reinforce our values. The committee provides oversight for the Company's enterprise risk management program by discussing our major risk exposures (other than the risk exposures that are overseen by the Company's Audit Committee) and the steps management has taken to monitor and control such exposures, including the Company's risk assessment and risk management policies.

Click [here](#) more information on Corteva's Board Committees and Risk Oversight, including Committee Charters.



Executive Leadership ESG Governance

Corteva's Board of Directors oversees risks related to the Company's business strategy execution and reputation, including risks related to ESG matters and to achieving the Company's ESG and financial targets. Our Board assigns the oversight of certain ESG risks to specific Board committees, who provide regular report-outs and make recommendations to the Board on ESG matters.

Day-to-day management of the Company and strategic execution is delegated, including on ESG matters. On a regular basis, and usually monthly, the Executive Leadership team meets to discuss various ESG matters, including environmental, social, regulatory, and economic factors that could potentially impact the Company's strategic progress or performance. As part of this, the team is responsible for driving efforts to advance our ESG programs and deliver upon our goals. For some ESG topics, working groups are assembled to achieve discussed objectives.

Our Chief Executive Officer is responsible for establishment and execution of Corteva's business strategy, which is foundational to the Company's ESG priorities. Each member of the Executive Leadership Team reports to the Chief Executive Officer and contributes to our ESG progress, directly or through their teams, and, as appropriate, provides ESG-related updates to the Board or its Committees.

The Executive Leadership Team includes:

Executive Vice President, Chief Financial Officer, Dave Anderson

Oversees financial reporting and controls, including the Company's response to ESG reporting mandates. He also oversees information technology, including the officers responsible for cybersecurity.

Executive Vice President, Chief Technology and Digital Officer, Sam Eathington

Oversees sustainable innovation and biodiversity initiatives.

Executive Vice President, Crop Protection Business Unit, Robert King

Oversees chemical-related manufacturing and supply chains. In this role, his team is responsible for identifying and implementing direct, upstream, and downstream-related greenhouse gas emission reductions.

Executive Vice President, Seed Business Unit, Tim Glenn

Oversees seed-related manufacturing and supply chains. In this role, his team is responsible for identifying and implementing seed-related operational sustainability.

Senior Vice President, Chief Human Resources & Diversity Officer, Audrey Grimm

Oversees sustainability matters related to people, compensation, and ID&E initiatives.

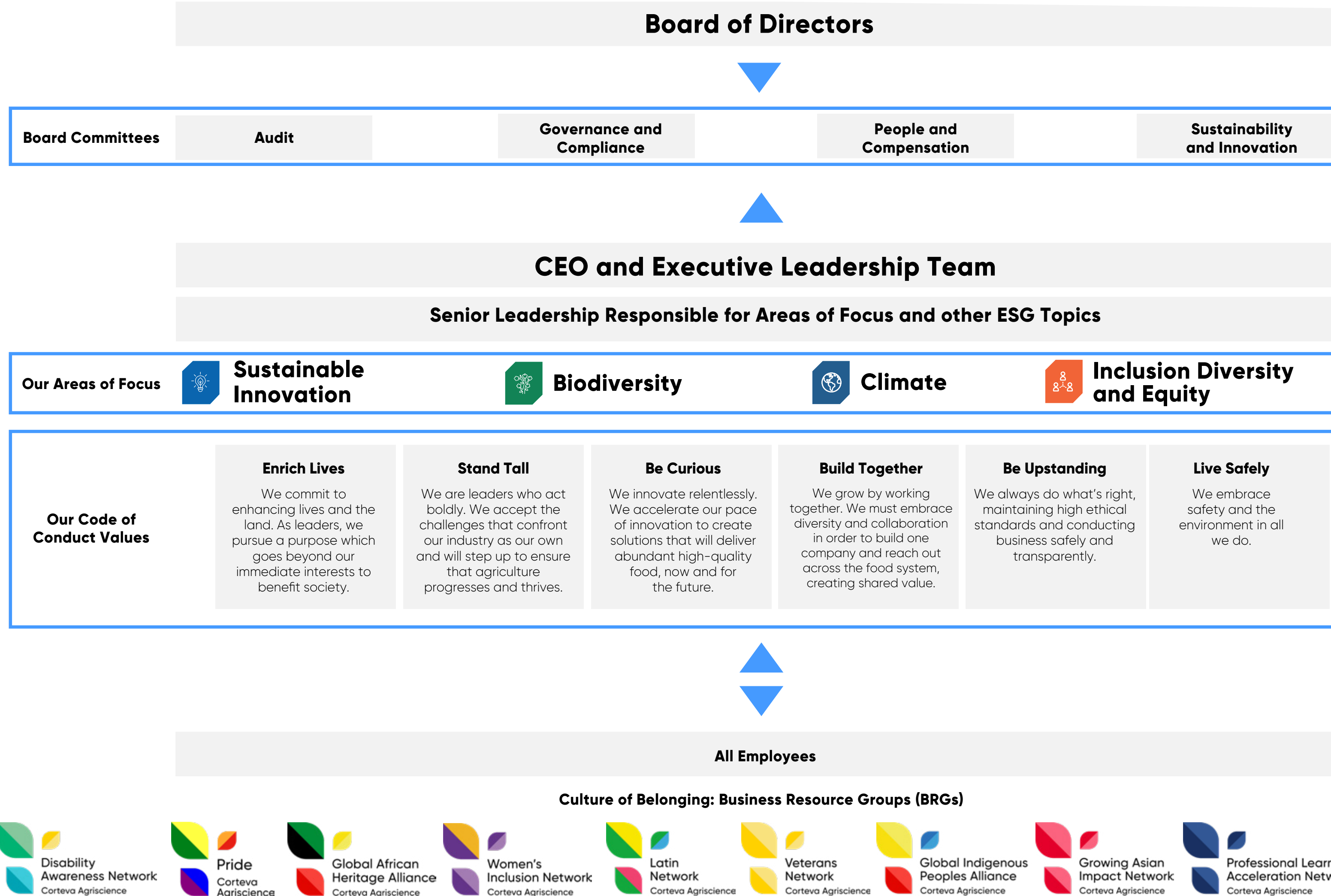
Senior Vice President and Chief Strategy Officer, Brook Cunningham

Oversees strategy matters related to Corteva's sustainability objectives. In this role, her team is also responsible for development of the Company's annual sustainability report and interim sustainability stakeholder engagement, inquiries, and disclosures.

Senior Vice President, General Counsel, Cornel Fuerer

Oversees legal, compliance, government affairs, and communications organizations. In this role, he is responsible for governance matters.

Sustainability and ESG Governance



Performance Incentives

For executives, an ESG modifier was incorporated into the Company's 2022 short-term incentive program, including a focus on increasing year-over-year sales of sustainable crop protection products and increasing inclusion, diversity, and equity goals.

Performance Incentives

For employees Company-wide, accountability for business and sustainability results extend Company wide. All employees have sustainability-driven priorities embedded into annual performance assessments, and across the business, key individuals who are responsible for sustainability initiatives have annual performance goals tied to the delivery of projects related to these initiatives. These priorities position us well on our journey to achieve our Winning Aspiration: to become the leader of innovative, sustainable solutions for farmers worldwide, today and tomorrow.





Cross-functional Sustainability Community of Practice

In 2022, Corteva Agriscience created a Sustainability Community of Practice to ensure leaders within the organization discuss and align cross-functionally on ESG topics raised by external stakeholders. Topics of priority are brought to executive management and Board committees when necessary. The community consists of members from R&D, Legal, Sustainable Innovation, GHG Emissions, Biodiversity, Communications, Investor Relations, Strategy, and Government Affairs with responsibility for driving and communicating measurable progress on Corteva's goals. The community also reviews stakeholder feedback and external engagements to ensure all stakeholder voices are being heard and responded to, as appropriate.

Sustainability Working Groups

When new material, non-financial ESG topics are identified as strategic priorities by external stakeholders, a working group is created to proactively engage and ensure sustainability-related matters are appropriately identified and addressed. Working groups of focus discuss Scope 3 measurement within GHG emissions, human rights within ID&E, measuring nature within biodiversity, and refining UN SDG criteria in our sustainable innovation area of focus. Our commitment to sustainability and corporate responsibility is integrated into our business through our purpose, governance structures, and business model. Our sustainability management processes are designed to keep the organization informed about significant economic, environmental, and social sustainability issues affecting the company. This reflects the focus of our Executive Leadership Team and Board of Directors on ensuring that Corteva consistently advances the future of agriculture.

Additional Governance Topics

Information Security & Privacy

Corteva Agriscience has a robust information security training and compliance annual program, which includes components such as phishing, logical access, and general cybersecurity awareness. Corteva's Chief Information Security Officer reports to the Audit Committee on information security matters twice annually. In addition, the Company is externally audited against top information security and compliance standards using a financial reporting risk-based approach, with complete corporate scope. Corteva's security policies are derived from globally-recognized National Institute of Standards and Technology standards.

Corteva also has a robust privacy program that is part of the Legal and Compliance function. The program is overseen by the Global Chief Privacy Officer and includes a staff of privacy professionals and designated leaders across operational and business functions, each with specific responsibility and accountability for data privacy management. A comprehensive privacy report is provided to the corporate Ethics and Compliance committee annually with interim reports on a quarterly basis.

Like most major corporations, Corteva is the target of industrial espionage, including cyber-attacks, from time to time. Corteva has determined that these incidents have resulted, and could result in the future, in unauthorized parties gaining access to certain confidential business information.

However, to date, Corteva has not experienced any material financial impact, changes in its competitive environment, or impact on business operations from these events. Although management does not believe that Corteva has experienced any material losses to-date related to industrial espionage and security breaches, including cybersecurity incidents, there can be no assurance that Corteva will not suffer such losses in the future.

Corteva had no substantiated complaints from a regulator or outside party related to a Corteva breach in 2022, as that term is defined by applicable law. Corteva does not categorize events as "leaks, thefts or losses of customer data" and so we are unable to provide reporting for those requested categories.



External Initiatives, Memberships, and Partnerships

Corteva Agriscience is involved in memberships, sponsorships, and partnerships advancing sustainability efforts, globally. Memberships, sponsorships, and partnerships are critical to driving collective action on the global challenges facing agriculture and are an important channel for stakeholder feedback. Corteva endeavors to take an active participatory role through its involvements.

Examples include:

UN SDGs

Corteva supports advancing progress towards the UN SDGs. In addition to developing our non-financial materiality assessment in alignment with the UN SDGs, our 2030 sustainability goals are designed to contribute to global progress for certain UN SDGs where our scope, scale, and competencies enable us to aid progress.

United Nations Global Compact ("UNGC")

Corteva supports the ten principles of the UN Global Compact. The UNGC is the largest international sustainability initiative, supporting companies to:

- (1) do business responsibly by aligning their strategies and operations with Ten Principles on human rights, labor, environment, and anti-corruption, and
- (2) take strategic actions to advance broader societal goals, such as the UN SDGs, with an emphasis on collaboration and innovation.

Precautionary Approach/UN Global Compact Principle 7

Corteva applies the Precautionary Approach advocated by UN Global Compact Principle 7. Consistent with the interpretation of many countries and organizations, Corteva interprets the UN's Precautionary Approach as a regulatory best practice, and not anti-technology. Corteva follows the precautionary principle by applying its classic definition: taking measures to "do no harm." We take appropriate actions to prevent harm through a rigorous scientific approach and following regulatory best practices and requirements when we bring new products to market.

We diligently assess and employ safety measures to manage environmental, health, and safety risks. In addition, we conduct risk assessments as we bring new technologies to market and employ industry-leading tools, such as our Predictive Safety Center, to design with relevant factors in mind. There is some uncertainty in that risk assessment, so safety measures are put in place.

Taskforce for Climate-Related Financial Disclosures ("TCFD")

As part of our continuing science-based journey, we share progress in line with TCFD guidelines on governance, strategy, risk management, and target-setting for climate-related risks and opportunities.

Together for Sustainability ("TfS")

A global, procurement-driven initiative, delivers a framework with tools such as TfS Assessments and TfS Audits to assess and improve the sustainable performance of chemical companies and their suppliers. TfS has extended its program to include Scope 3 GHG emissions and a TfS Academy to develop knowledge for members and their suppliers. TfS delivers the de facto global standard for ESG performance of the chemical supply chains.

World Council for Sustainable Business Development ("WBCSD")

Corteva is a member of the WBCSD, a global, CEO-led organization of over 200 leading businesses working together to accelerate the transition to a sustainable world. The organization focuses on delivering the maximum positive impact for shareholders, the environment, and societies. As a member, Corteva technical experts come together with industry peers to ensure thought leadership on the world's greatest sustainability challenges.

Ag Container Recycling Council ("ACRC")

The ACRC is an industry-funded non-profit organization that safely collects and recycles agricultural crop protection, animal health, and specialty pest control product containers (Jugs and Drums) in the United States. ACRC stewardship of containers does not end with collection. To ensure that the collected plastic is handled safely during processing and used only in end uses that have minimal contact with humans, the ACRC audits all processing and end use manufacturing facilities for compliance with all applicable health, safety, and environmental regulations.

Environment 2022 Highlights



Provided Guidance on
Creating and Integrating
Industry-aligned Climate
Scenarios for the
Agriculture Sector



Announced our Biodiversity
Areas of Focus:
Products, Productivity,
Partnership, and Operations

4%

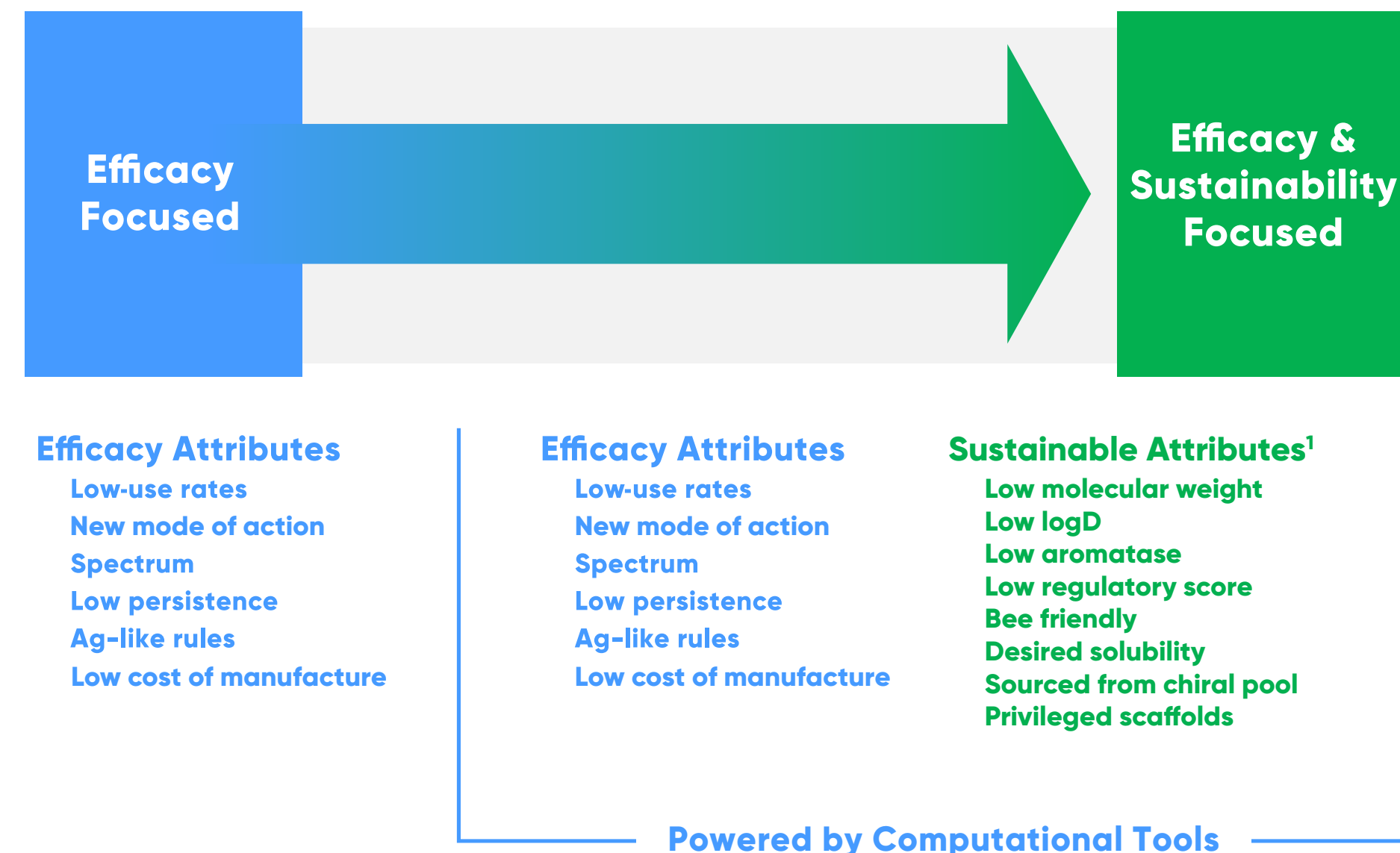
Reduction in Global Scope
1 & 2 Emissions through a
Purchase of Renewable
Energy Credits



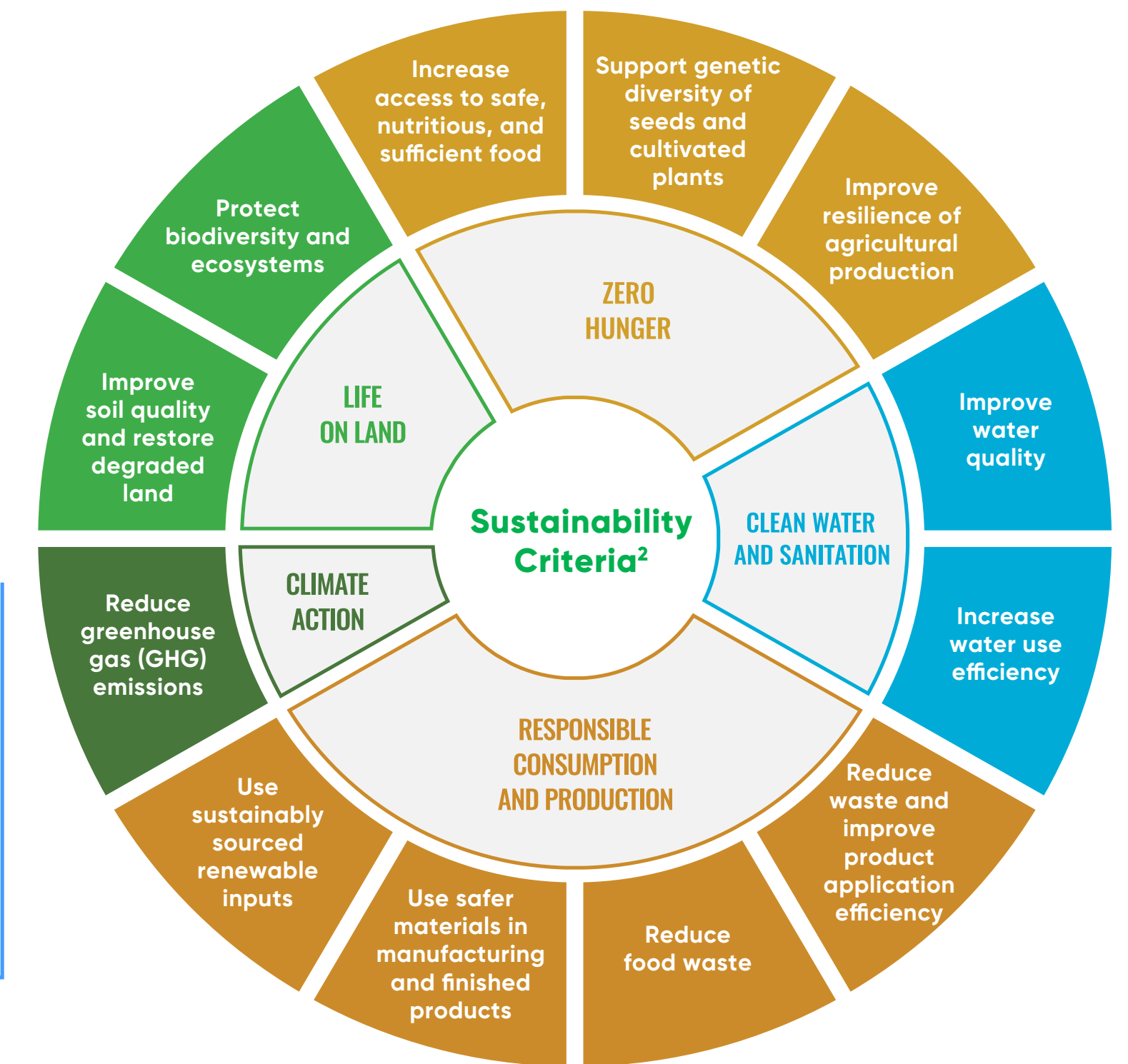
Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance

Applying sustainable innovation criteria aligned to the UN SDGs throughout the product development process allows Corteva Agriscience to ensure the products in our pipeline are continuously raising the bar as we strive to bring the leading sustainable solutions to farmers. This enables us to go above and beyond the global regulatory requirements. Corteva also has internal decision criteria and processes, informed by lab and field testing, predictive essays, and models, that need to be achieved before designating a product as a sustainable innovation. These practices allow us to stop development on a product that we learn won't meet stated criteria for safe and sustainable design.

Key Sustainability Drivers for Crop Protection Discovery



Sustainable Innovation Criteria



Sustainable Innovation isn't a byproduct of our work, it's the result of intentional design.

See more of our work related to [Product Stewardship](#), [Green Chemistry Principles](#), and [Corteva's Industry Leading Predictive Safety Center](#).

¹Incorporated at ACTIVE & LEAD Stage

² Must meet baseline requirements and deliver at least one notable sustainability advantage while maintaining parity compared to other products in the market today.

Environmental Certification, Audit, and Verification

In 2019, Corteva Agriscience designed and implemented its own Company-wide global management system to track environmental metrics. This system ("GEST") includes the necessary inputs for environmental parameters relevant to the effective management and monitoring of operations as well as climate-related risks and opportunities. This system is consistent with Responsible Care® standards as well as other globally accepted standards for specific environmental tracking such as the GHG Protocol. Data integrity is governed through a global data management standard.

In 2022, Corteva received Responsible Care Management System ("RCMS") certification. This certification covers U.S. crop protection manufacturing ("CPM") facilities and the corporate Environment, Health, Safety, and Security ("EHS&S") governance and supporting tools. Although only U.S. CPM facilities received certification, the corporate EHS&S governance and supporting tools apply enterprise-wide and were also assessed through this process.

Corteva engages accredited third-party verifier SGS United Kingdom Ltd. to complete limited external assurance on specific information within this report related to certain environmental metrics. SGS is a leading inspection, verification, testing, and certification

company. The assurance statement is based on internationally recognized standards.¹

Unless otherwise stated, environmental data covers all sites, globally that report into the GEST system for the full year 2022. Corteva continues to assess calculation adjustments as we look to further understand, adjust, and improve our environmental disclosure process, strategy, and efforts.



Product Stewardship

We employ strong governance and process rigor to accelerate productivity, differentiation, and sustainable outcomes through [product stewardship](#), including training for product use. Process rigor extends to each stage of life, from pre-development, to development and advancement, to launch engine, to post-launch monitoring, resulting in differentiated efficacy, durability, and ability to help sustainably enhance customer productivity.

Corteva's stringent safety standards, and those of regulatory bodies around the world, help ensure our products contribute to the delivery of safe and reliable food and also support efforts to protect the environment. Internally, a unique and proactive approach Corteva employees is our industry-leading Predictive Safety Center, which helps

design crop protection products with environmental factors in mind as part of the product development process. We contribute to sustainable practices by complying with all applicable environmental laws and Company policies. Externally, we are aligned to the [FAO International Code of Conduct on Pesticide Management](#) and [Excellence Through Stewardship](#) best practices, and follow registrations, labeling, and stewardship requirements in accordance with local law.

Corteva's crop protection products and seed products containing biotechnology traits are closely regulated worldwide with safety reviews and authorizations completed by individual countries. Each new product typically requires the company seeking approval to carry out an extensive set of studies as part of the submission and approval process. Periodic reviews and safety monitoring by regulatory authorities may also be completed. Products must meet or exceed stringent human health and environmental risk assessments for their intended use. Corteva uses externally recognized methods to test our products, including meta-analysis, laboratory and field studies, and local on-farm testing.

Customer Information and Labeling

Corteva works to ensure customer access to accurate and adequate information on the positive and negative economic, environmental, and social impacts of products and services. Corteva complies with, and in some cases exceeds, the labeling requirements required to register and sell products locally. Corteva uses internal and external review processes to help ensure labeling procedures are followed. Corteva labels, safety data sheets, and product use guides are available online.



Meet our scientists: Reza Rasoulpour, Designing for Safety



Click for U.S. examples of the following:

- [Crop Protection Safety Data](#)
- [Trait Stewardship](#)
- [Plant Seed Transparency](#)

See more about regulatory considerations driving the requirements for our product safety and labeling in our [Annual Report](#) and our [Regulatory Data Transparency](#) website.

¹A separate certificate outlining the scope and results from this engagement is provided on our website.

Genome Editing

Plant breeding is one of the cornerstones of improved agricultural productivity and sustainable food production. As a breeding tool, genome editing holds tremendous promise to allow seed makers to develop or improve plants with the ability to:

- Withstand harsh environmental conditions such as droughts
- Require fewer applications of pesticide to protect crops from disease
- Produce higher yields, reducing the need for more agricultural land

Framework for Responsible Use of Gene Editing in Agriculture

In 2022, Corteva Agriscience achieved verification that the organization is operating in conformance with the Framework for Responsible Use of Gene Editing in Agriculture ("the Framework"). The Framework outlines principles and guidelines that organizations can voluntarily follow to demonstrate their commitment to the safe and transparent use of gene editing technology.

To achieve verification, Corteva provided objective evidence that the Company has developed and implemented policies and procedures to meet the principles and commitments outlined in the Framework for Responsible Use. This information was reviewed and validated by a professional, third-party auditor to assure the credibility of the verification program.

The Framework was developed by a multi-stakeholder Coalition that included representatives from food companies, academia, civil society, technology developers, farmers, and related associations. The Framework has been publicly endorsed by agriculture and food leaders including BIO, Cargill Inc., Costco Wholesale, FMI – The Food Industry Association, Genus PLC, PepsiCo, and Tropic Biosciences.

The Coalition was formed by The Center for Food Integrity to support global acceptance of the responsible use of gene editing technology in the food system. To learn more about the Coalition, visit geneediting.foodintegrity.org

Access to Technology Corteva Open Innovation

Through the Corteva Open Innovation program, jointly with the Broad Institute, we actively offer licenses on a wide range of intellectual property from various technology developers to support the use of CRISPR. Currently, there are about 40 licensees all over the world that have received access to this intellectual property package. About 25% are non-profit organizations. Around half of the licenses provided to commercial enterprises went to start-ups, 17% to small companies, 20% to medium-size companies, and 13% to medium/large companies. www.openinnovation.corteva.com

In the EU, Corteva is a founding member of the Agricultural Crop Licensing Platform, where we offer licenses to other Platform members on commercial trait patents that we have in the EU. This technology trait patent license access allows EU-based breeders to incorporate traits developed by Corteva into their base germplasm breeding programs, which enables enhanced development of commercial products adapted to a broad range of EU growing conditions and consumer needs.

Advancing Agriculture Equity

As part of our broader agriculture equity work that is [empowering and enriching the lives of smallholder farmers](#), Corteva is investing in gene editing for improvements in staple crops in developing countries for biotic and abiotic stress resistance and improved nutritional quality. Many products are under development for African farmers, such as maize resistant to lethal necrosis, and sorghum resistant to the parasitic plant Striga. These are research projects directed to specific philanthropic goals and where the outcomes will be widely shared for the benefit of local communities.

For more information on our collaborations to realize the full potential of CRISPR, a gene editing technology for agriculture, and our CRISPR Genome Editing Guiding Principles, please visit: www.corteva.com/our-impact/innovation/crispr

How CRISPR Works in Agriculture

Corteva Agriscience and others are using CRISPR as a tool to grow healthy, nutritious crops that are better for people and the environment.

How does it work?

DNA is the instruction manual for the growth and development of all living things. With CRISPR, scientists can make specific and exact changes in a plant by deleting, editing or moving a gene in the plant's own DNA.

Based on these changes, the plant has **new beneficial traits** such as:

BETTER NUTRITION 	SLOWER TO ROT OR BROWN 	DISEASE RESISTANCE
DROUGHT TOLERANCE 	HIGHER YIELDS 	FASTER GROWTH

These improvements could occur in nature or be developed through conventional breeding, but CRISPR makes it possible to deliver them faster and more efficiently.

FOCUSING ON FARMERS IN SEED R&D

Breeding for Yield Gains

Investing in advanced breeding, field trials and integrating enhanced data into the process to drive more predictive outcomes

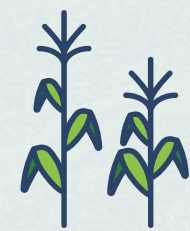
Doubling Down on Field Data

Using digital tools to generate and analyze larger data sets

Developing Enhanced Seed Traits
Native, Transgenic, and Gene-edited

Multiple advancements in 2022

We need faster solutions to solve accelerating world challenges



Example:
Reduced stature corn

Improved standability and resilience in extreme weather events¹

Projected mid-decade launch*

The data will inform our breeding process and optimize the entire process of conducting research trials



Collaborating with farmers to understand and translate their data into actionable insights, helping them choose products that will work better on their farms

We have a trait pipeline that is second to none



Example:
Gene Editing

Innovations such as multi-disease corn traits

Innovative, proprietary design

Projected for commercialization later this decade

**Better performance for farmers
Stronger performance for Corteva Agriscience**

¹Based on early trial data. Pending applicable regulatory reviews and completion of field testing.

Green Chemistry Principles for Crop Protection

Responsibly managing our products throughout their lifecycle is essential to us, our customers, and the public. We employ strong governance and process rigor to accelerate productivity, differentiation, and sustainable outcomes through product stewardship – from concept to end-of-life of products and including training for product use.

Enlist[™] Ahead

Enlist[®] Weed Control System Training and Enlist[®] Ahead for Retailers

All growers, applicators, retailers, and seed sellers are encouraged to take advantage of our Enlist[®] training. This training helps users become well-versed on recent changes to the Enlist One[®] and Enlist Duo[®] herbicide labels, nozzle, and tank-mix selection, additional endangered species protection measures and other helpful information to make successful applications of Enlist[®] herbicides.

Corteva Agriscience actively adheres to green chemistry principles aimed at reducing human and environmental impact. These principles are applied across our existing U.S. EPA Green Chemistry Award winners which accounted for 17% of our 2022 crop protection revenues.

Green Chemistry Award Spotlight

What makes Qualcova[™] Active (spinosad) and Jemvelva[™] Active (spinetoram) unique?

Made from Naturally Occuring Soil Bacteria

While many manufacturing processes use solvents sourced from oil refining – a non-renewable resource – Qualcova and Jemvelva are fermented using water. The bacteria used in these reactions are fed by plant-based ingredients and get their energy from corn sugar. In an example of a circular economy, the water used in the fermentation process is purified and reused, and the resulting products – Qualcova and Jemvelva – are then used to more efficiently produce the very crops used in the fermentation process.

Favorable Environmental Profile

The active ingredients in both Qualcova and Jemvelva have received multiple recognitions, including EPA Green Chemistry Awards for products that reduce negative impacts on the environment. Because of its natural origin, certain products containing Qualcova can be certified for organic production, pending local regulation. With excellent performance in the field and favorable environmental profiles, global demand for Qualcova and Jemvelva is growing and both products continue to receive prestigious awards for their contributions to agriculture.

Using Green Chemistry Principles Drives Sustainable and Economical Production of Active Ingredients

Financial Impact

- Fewer raw materials purchased
- Smaller waste treatment costs
- Improved throughput

Environmental Impact

- Less waste
- Less energy
- Smaller manufacturing footprint



Corteva has won six Green Chemistry Challenge Awards from the U.S. EPA; **more than any other agricultural input company.** The award is given to companies or institutions that have developed a new process or product that helps protect public health and the environment.



GHG Governance, Risk Management, and Performance

The S&I Committee’s charter explicitly designates committee responsibility for oversight of climate-related risks and opportunities, with the responsibility to review and monitor Corteva Agriscience’s climate change risks, plans, goals and targets, and progress against such goals and targets annually on behalf of the Board.

Climate-related strategy, governance, risk and opportunity oversight, and performance monitoring is overseen by the following business units and committees:

S&I Committee of the Board

Board-level oversight of Corteva Agriscience’s climate governance, strategy, risk management, and performance

Cross-functional Community of Practice

Committee comprised of senior management meets regularly to gain alignment and discuss climate-related matters

Executive Vice President of Crop Protection

Oversees Scope 1-2 governance, strategy, risk management, and performance

Chief Technology and Digital Officer

Oversees UN SDG 13: Climate Action product criteria to reduce GHG emissions in the field

Chief Strategy Officer

Supports development of climate-related strategies, assessment of sustainability risks and opportunities associated with potential growth projects, and alignment of capital allocation decisions with the Company’s enterprise corporate strategy and sustainability risk appetite

Across the business, key individuals who are responsible for climate-related initiatives have annual performance goals tied to the delivery of projects related to these initiatives.

For executives, an ESG modifier was incorporated into the Company’s 2022 short-term incentive program, including a focus on increasing year-over-year sales of sustainable crop protection products. Our sustainable innovation criteria includes products that can reduce GHG emissions

For employees, accountability for business and sustainability results extend Company-wide All employees have sustainability-driven priorities embedded into annual performance assessments, and across the business, key individuals who are responsible for climate-related initiatives have annual performance goals tied to the delivery of projects related to these initiatives



Climate Risk and Opportunity Management

At Corteva Agriscience, climate-related risks and opportunities are assessed and managed across all business functions on a regular basis. Management regularly evaluates climate-related issues in the context of potential risks and strategic opportunities for sustainable innovation and operational efficiency. This includes identification of opportunities for Corteva to deliver new and existing products that enable climate-smart agriculture to mitigate the impacts of extreme and volatile weather more effectively.

Corteva’s Climate Risk Assessment Journey

To better understand the Company’s climate-related risks and opportunities, Corteva conducted a qualitative climate assessment in 2021. This assessment considered a range of factors and included scenario analysis to understand physical risks through Representative Concentration Pathways (“RCP”) 4.5 and RCP 8.5, and transitional risk assessment through IEA NZE 2050, IEA SDS, and IEA STEPS.

Through this initial assessment, we noted that existing scenarios available to the agriculture sector lacked specificity. To provide guidance on ensuring industry aligned scenario analysis, we worked alongside the WBCSD and 13 other leading Food, Agriculture and Forest Products companies to develop a set of new climate transition scenarios for our sector in 2022.

Additionally in 2022, Corteva initiated internal work to sharpen our qualitative and quantitative climate risk assessment based on the time horizons of 2030, 2040, and 2050. In this analysis, we focused on regions of most significance to our business, while integrating the new scenarios created in coordination with the WBCSD (commodity pricing, acreage, yield projections).

Management regularly assesses and manages climate-related issues as a risk and **as a strategic opportunity for innovation and operational efficiency**, with delegation of monitoring at multiple levels of the Company. This spans multiple areas across Corteva – including R&D, strategy, operations, and others. As we consider strategic capital investment, we consider impact on emissions, along with other factors including return on investment. As part of our commitment to sustainable innovation, R&D considers climate change impacts and opportunities in the development of next generation products. Operations monitor, manage, and respond to usually short-term and medium-term climate-related impacts and opportunities. Further, the S&I Committee provides oversight of the Company’s innovation pipeline and sustainability efforts.



The Agriculture, Forestry and Other Land Use emissions could change substantially under distinct transformation pathways with significant mitigation potential from agriculture, forestry and bioenergy mitigation measures.

World Business Council of Sustainable Development

Physical Risk Modeling

For Corteva’s climate physical risk modeling, we use best-in-class tools and globally accepted decarbonization scenarios that included RCP 8.5 and 2.6. We also use best-in-class tools that rank the highest for hazards covered and geographical reach.

Scenario	Scenario description
RCP 8.5°C high-emissions scenario	Under RCP 8.5°C, emissions continue to rise throughout the 21st century and is generally considered to be the worst-case climate change scenario where temperature increases about 5°C by 2100.
RCP 2.6°C stringent pathway scenario	Under RCP 2.6°C carbon dioxide emissions start to decline by 2020 and go to zero by 2100, also requiring methane emissions to go to approximately half of 2020 levels, while sulfur dioxide emissions decline to approximately 10% of those of 1980.

Transition Risk Modeling

Assessment of transition risk is based on potential scenarios for legislation, technological development, or market conditions. Assessment is based on short-, medium-, and long-term horizons with consideration given to the expected lifetime of the assets or activities. Our assessment includes upstream and downstream activities.

Input assumptions	Metrics	Boundaries 2020	Boundaries 2050
Population	Million people	7,516-7,795 million people	8,416-10,588 million people
GDP	Billion USD	97-103B US\$05	198-360B US\$05
Protected Areas ¹	Mha protected area	352-2,250 Mha	352- Mha-6,156 Mha (50% of land, 50x50 target)
GHG Prices	\$ per ton of CO ₂	\$4-6/ton	\$4-1,959/ton
Bioenergy pathway	EJ per year	2.2-10.3 EJ	1-300 EJ
Diet Shifts	Market share for different proteins	2% market share	16-60% market share
Food waste reductions	% of food produced that is wasted	33% of all food is wasted	+31%, -50%
Yield-enhancing tech	Increase in productivity	Related to 2020	0.7% - 1.2% p.a.

Each risk or opportunity is measured as the range between the decarbonization scenario (1.5 °C and <2 °C) and the baseline scenario (>3 °C) values in 2050. All risks use the following scenarios:

Scenario	Scenario description
>3°C Historic Trends Scenario	>3°C Historic Trends represents a scenario in which climate action remains stable at current levels creating limited transition risks, but the world fails to limit global warming to manageable levels, resulting in substantial future physical risks. This scenario has low levels of transition risk.
<2°C Coordinated Policy Scenario	<2°C Coordinated Policy Scenario is a scenario where timely policy and regulation work to curb emissions in an orderly fashion, decreasing the physical risk of climate change but increasing the transition risk. This scenario has moderate levels of transition risk.
1.5°C Innovation Scenario	Under 1.5°C Innovation Scenario, large demands from the energy system for BECCS ² , coupled with greater- than-historic yield growth in agriculture and government support for R&D, enables early decarbonization and limited physical impacts of climate change. This scenario has high levels of transition risk, but may be muted by technological progress.



Climate-related risks and opportunities fall into two major categories:

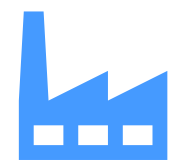
Physical impacts are driven by changes in temperature and precipitation that result in event-driven extreme weather (e.g. hurricanes) or from longer-term shifts in climate patterns (e.g. sea level rise).

Transition impacts arise from the transition to the low carbon economy, such as climate-related policies and regulations, costs of new technology, shifts in supply and demand, and reputational impacts from stakeholders.

¹Protected areas refer to areas which are under "strict protection" (WDPA Cat I, II), ie human activity is limited and controlled.

² BECCs include agricultural residues & waste and energy crops specifically grown for use as fuel.

Physical Risks



Property Damage

The risk of physical damage to the property impacting asset value.



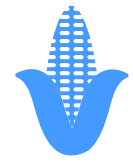
Business Interruption

The risk of business interruption due to down days and the property impacting revenue and costs.



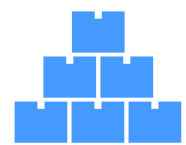
Hazard: Extreme Heat	Acute & Chronic
Description	Occurs due to a prolonged period of excessively hot weather.
Potential Impact on Corteva Agriscience	Heat is a failure-only hazard, that could halt production.
Hazard: Extreme Wind	Acute
Description	Occurs due to extreme wind events that produce sustained gusts of wind.
Potential Impact on Corteva	Extreme wind can cause property damage and interrupt production.
Hazard: Surface Water Flooding	Acute
Description	Occurs when the ground is over-saturated and/or drainage systems overflow and the excess water cannot be absorbed or drained away.
Potential Impact on Corteva	Surface water flooding can cause property damage and interrupt production.
Hazard: Riverine Flooding	Acute
Description	Occurs when streams and rivers exceed the capacity of their natural or constructed channels to accommodate water flow and water overflows from the banks, spilling out into adjacent low-lying, dry land.
Potential Impact on Corteva	Riverine flooding can cause property damage and interrupt production.
Hazard: Soil Subsidence	Chronic
Description	Occurs due to the downward movement of soil, usually due to withdrawal of moisture.
Potential Impact on Corteva	Soil subsidence can cause property damage if low groundwater causes foundations to shift.
Hazard: Forest Fire	Acute
Description	Occurs due to uncontrolled fire in an area of combustible vegetation.
Potential Impact on Corteva	Forest fires can cause property damage and interrupt production.
Hazard: Coastal Inundation	Acute & Chronic
Description	Occurs due to sea level rise and storm surges.
Potential Impact on Corteva	Coastal inundation can cause property damage and interrupt production.

Transitional Risks



Technology

Unrecovered investment in GMO and gene-edited seed products



Market

Change in costs of Corteva inputs, including raw materials, energy and labor

Change in revenue due to market drivers, such as shifting protein and starch demand



Policy & Legal

Change in revenue from regulatory compliance related to land use and protected areas

Change in costs from a real or implied future price on carbon across global operations



Transition-related Opportunities

Managing the Footprint of Our Operations

Risk Type & Primary Climate-Related Risk Driver	Where in the value chain does the risk driver occur?	Likelihood of Risk	Potential Impact to Corteva	Velocity of Risk
Government policy, technology development	Direct operations	Medium	Medium	Medium 5-10 years

What is the opportunity?

There are opportunities for Corteva to explore renewables and energy efficiency as levers for achieving the company's commitment to GHG reduction. This opportunity may focus on Corteva's operations as well as suppliers becoming more efficient or using renewable energy.

What is Corteva doing about it?

Corteva is working to reduce GHG emissions while enabling a more resilient agriculture value chain. Corteva has an established climate strategy, including appropriate Scope 1 & 2 GHG reduction targets. The Company is seeking ways to reduce its impact and providing tools and incentives for customers to do the same. Corteva champions climate-positive agriculture, utilizing carbon storage and other means to remove more carbon from the atmosphere than it emits without sacrificing farmer productivity or ongoing profitability.

Learn more in [Our Focus: Climate](#) to see how Corteva is reducing Scope 1 & 2 emissions.

Methodology

Climate Scenarios

Physical risk assessment was conducted through RCP 2.6 and RCP 8.5

Transitional risks assessment was originally conducted through IEA NZE 2050, IEA SDS, and IEA STEPS. In 2022 Corteva helped create more agriculture-specific scenarios with WBCSD, Vivid Economics, and PWC labeled as:

- Business as Usual/Historic Trends > 3 C
- < 2° C Coordinated Policy Scenario
- 1.5° C Innovation Scenario

Time Horizons

2030, 2040, and 2050

Likelihood of Risk and Impact to Corteva

- The prioritization of risks and opportunities based on severity.

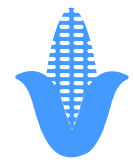
Velocity of Risk

- The prioritization of risks and opportunities based on preparedness.

Transition-related Opportunities

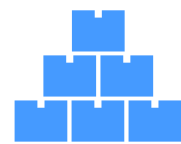
Valuing Climate-resilient Products

Transitional Risks



Technology

Unrecovered investment in GMO and gene-edited seed products



Market

Change in costs of Corteva inputs, including raw materials, energy and labor

Change in revenue due to market drivers, such as shifting protein and starch demand



Policy & Legal

Change in revenue from regulatory compliance related to land use and protected areas

Change in costs from a real or implied future price on carbon across global operations



Risk Type & Primary Climate-Related Risk Driver	Where in the value chain does the risk driver occur?	Likelihood of Risk	Potential Impact to Corteva	Velocity of Risk
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Government policy, market demand	Upstream	High	High	High < 5 Years
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What is the opportunity?

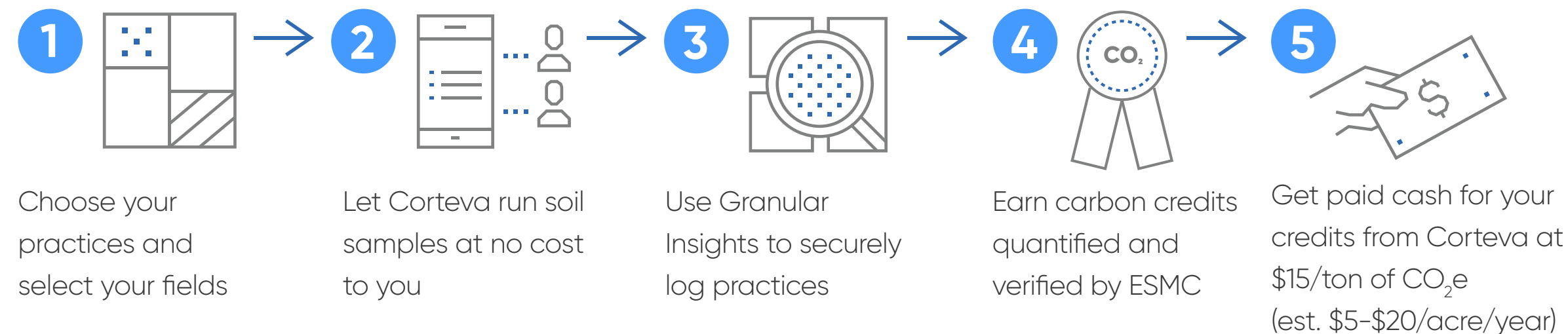
Climate regulations may support accelerated efforts for climate-resilient agriculture, spanning potential mitigation and emissions reductions, and carbon sequestration opportunities. Corteva can partner with customers and offer digital tools and products to help them access market opportunities for climate-resilient or low-carbon agricultural products.

What is Corteva doing about it?

Corteva's [Carbon Solutions](#) are designed to simplify and enable the path to profitability for farmers who adopt new climate-positive practices for sequestering carbon and reducing on-farm GHG emissions. This initiative leverages the full spectrum of our seed, crop protection, digital technology, and agronomic expertise while providing farmers with access to new markets through a simple, flexible way to sell carbon credits for a fair price on their terms.

Carbon Markets Made Simple

How does our carbon program work?



Methodology

Climate Scenarios

Physical risk assessment was conducted through RCP 2.6 and RCP 8.5

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Time Horizons

2030, 2040, and 2050

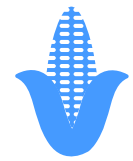
Likelihood of Risk and Impact to Corteva

- The prioritization of risks and opportunities based on severity.

Velocity of Risk

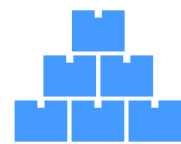
- The prioritization of risks and opportunities based on preparedness.

Transitional Risks



Technology

Unrecovered investment in GMO and gene-edited seed products



Market

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Change in revenue due to market drivers, such as shifting protein and starch demand



Policy & Legal

Change in revenue from regulatory compliance related to land use and protected areas

Change in costs from a real or implied future price on carbon across global operations



Transition-related Opportunities

Targeted and Integrated Crop Technologies

Risk Type & Primary Climate-Related Risk Driver	Where in the value chain does the risk driver occur?	Likelihood of Risk	Potential Impact to Corteva	Velocity of Risk
Market demand	Upstream	High	High	High < 5 years

What is the opportunity?

Corteva has opportunities related to the integration of crop protection, seed, and digital solutions. These solutions can reduce climate impacts by reducing overall inputs, potentially reducing land use through increased yields, as well as other potential benefits from on-farm data collection and digital services to support climate adaptation and mitigation efforts.

What is Corteva doing about it?

Corteva has formed a unified digital organization in its R&D division, enabling digital needs from the earliest parts of the R&D pipeline all the way to the digital sustainable solutions being used by farmers. Learn more about [Corteva's Digital Solutions here](#).



Granular Insights

Protect your bottom line

- With your farm data in one spot, see what's working down to the management zone level, with straightforward financial charts and dynamic agronomic map layers.
- Know when and where to plant, spray and harvest, to make more confident agronomic decisions
- Catch and correct issues faster with directed scouting.
- Share insights with your team and collaborate with ease.



AgStudio

Comprehensive Crop Management Solutions

- Flexible, robust software and tools for the professional agronomist or retailer to address complex agronomic issues.
- Generate customized variable rate seeding prescriptions by field that reflect how to farm.
- Gain soil productivity and stay in budget with sampling automation and fertility prescriptions targeted to the crop zone level.



Carbon Solutions

Corteva's Carbon Initiative incentivizes and rewards farmers who advance soil health with climate positive, regenerative practices, by giving them a simple, flexible way to sell carbon credits to Corteva for a fair price on their terms. Farmers can potentially earn an estimated \$5-\$20/acre/year if they introduce cover crops and/or switch to strip or no-till on acres in their operation.



LandVisor

Get a comprehensive view of your land, revealing actionable insights to make the right decisions at the right time. LandVisor combines sophisticated imagery, data, technology and expert guidance to give you confidence in your land management decisions.

Methodology

Climate Scenarios

Physical risk assessment was conducted through RCP 2.6 and RCP 8.5

Transitional risks assessment was originally conducted through IEA NZE 2050, IEA SDS, and IEA STEPS. In 2022 Corteva helped create more agriculture-specific scenarios with WBCSD, Vivid Economics, and PWC labeled as:

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Time Horizons

2030, 2040, and 2050

Likelihood of Risk and Impact to Corteva

- The prioritization of risks and opportunities based on severity.

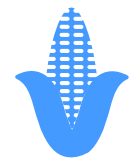
Velocity of Risk

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Transition-related Opportunities

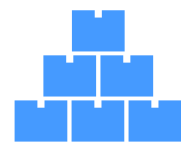
Crop Protection Technologies

Transitional Risks



Technology

Unrecovered investment in GMO and gene-edited seed products



Market

Change in costs of Corteva inputs, including raw materials, energy and labor

Change in revenue due to market drivers, such as shifting protein and starch demand



Policy & Legal

Change in revenue from regulatory compliance related to land use and protected areas

Change in costs from a real or implied future price on carbon across global operations



Risk Type & Primary Climate-Related Risk Driver	Where in the value chain does the risk driver occur?	Likelihood of Risk	Potential Impact to Corteva	Velocity of Risk
Market demand	Upstream	Almost certain	High	High < 5 years

What is the opportunity?

Corteva continues to advance crop protection offerings, many of which can help to address climate-related challenges. For example, nitrogen fertilizer is a source of on farm emissions. Corteva continues to focus on nitrogen efficiency by delivering products that promote the retention of nitrogen in the soil and support profitability. There may be further opportunities for increase market demand for products that improve nitrogen efficiency which reduce emissions while supporting farmer business.

What is Corteva doing about it?

Corteva's exclusive [Optinyte™ technology](#) reduces denitrification, reducing the escape of GHG into the atmosphere. Conclusions from a meta-analysis were that, on average use of Optinyte™ technology resulted in a 51% reduction of nitrous oxide (N2O) emissions and a 16% decrease in soil nitrogen leaching. The stabilization of nitrogen resulted in a 7% increase in crop yield by extending nitrogen availability in the soil for up to eight weeks during critical growth stages. Optinyte™ can also be mixed into liquid manure applications, providing a 10-12 bushel per acre yield increase.

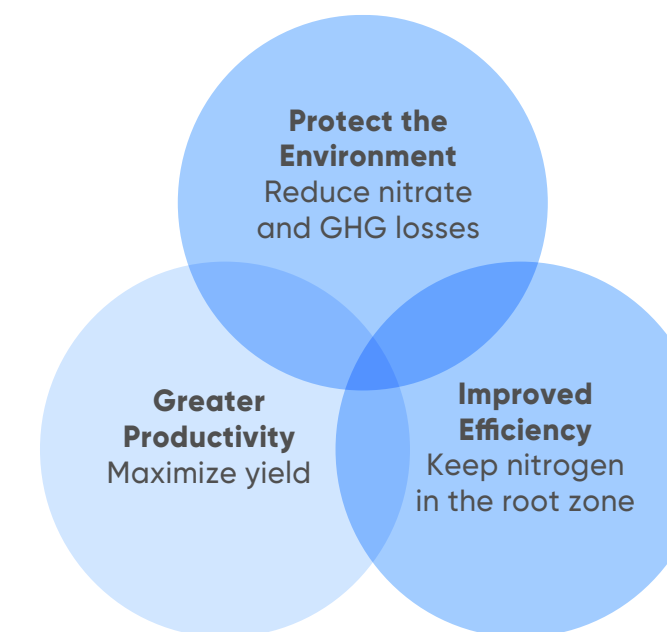
Learn more about [our journey towards measuring product related GHG reduction benefits](#).

Environmental Benefits

- Stabilized nitrogen reduces leaching or loss from denitrification
- Less nitrate loss in waterways
- Reduces emissions of greenhouse gases into the atmosphere

Yield Gain

- Nitrogen remains available in the root zone longer
- Increased yield in corn, cereals, and other crops
- Improves crop quality and plant health



Methodology

Climate Scenarios

Physical risk assessment was conducted through RCP 2.6 and RCP 8.5

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Time Horizons

2030, 2040, and 2050

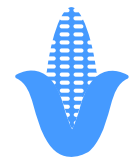
Likelihood of Risk and Impact to Corteva

- The prioritization of risks and opportunities based on severity.

Velocity of Risk

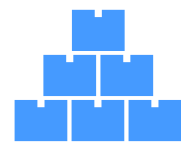
- The prioritization of risks and opportunities based on preparedness.

Transitional Risks



Technology

Unrecovered investment in GMO and gene-edited seed products



Market

Change in costs of Corteva inputs, including raw materials, energy and labor

Change in revenue due to market drivers, such as shifting protein and starch demand



Policy & Legal

Change in revenue from regulatory compliance related to land use and protected areas

Change in costs from a real or implied future price on carbon across global operations



Transition-related Opportunities

Advanced Seed Technology

Risk Type & Primary Climate-Related Risk Driver	Where in the value chain does the risk driver occur?	Likelihood of Risk	Potential Impact to Corteva	Velocity of Risk
Government policy, technology development	Upstream	High	High	Medium 5-10 years

What is the opportunity?

Corteva Agriscience is exploring new technologies and climate-related products. New gene editing technologies, such as CRISPR, may allow Corteva to speed up trait development activities as well as integrate climate considerations into seed products.

What is Corteva doing about it?

In 2022, Corteva achieved verification that the organization is operating in conformance with the Framework for Responsible Use of Gene Editing in Agriculture. The Framework outlines principles and guidelines organizations can voluntarily follow to demonstrate their commitment to the safe and transparent use of gene editing technology.

Gene editing techniques can allow seed makers to engineer crops that are more resilient to environmental stresses and pests, while also producing higher yields with less water, reducing the need for agriculture-related land-use change.

In addition, gene editing can be used to develop crops with improved nutrient uptake and utilization, which can help reduce fertilizer use and improve soil health, further reducing the environmental footprint of agriculture.

Learn more about Corteva's Responsible Use of Gene Editing [here](#).

Methodology

Climate Scenarios

Physical risk assessment was conducted through RCP 2.6 and RCP 8.5

Transitional risks assessment was originally conducted through IEA NZE 2050, IEA SDS, and IEA STEPS. In 2022 Corteva helped create more agriculture-specific scenarios with WBCSD, Vivid Economics, and PWC labeled as:

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Time Horizons

2030, 2040, and 2050

Likelihood of Risk and Impact to Corteva

- The prioritization of risks and opportunities based on severity.

Velocity of Risk

- The prioritization of risks and opportunities based on preparedness.

Scope 1 and 2 Emissions

Type	Description	2020	2021	2022
	Gross Scope 1 GHG emissions (MT CO ₂ e)	405,000	400,000	424,000
	Gases included in the calculation: CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ or all	All	All	All
	Biogenic CO ₂ emissions in MT of CO ₂ e	N/A	N/A	N/A
	Base year	2020	2020	2020
Scope 1	Consolidation approach	Corteva does not include sites that fall outside our definition of Operational Control, defined as sites that Corteva has greater than 50% Operational Control. Corteva also excludes office buildings and warehouses, as these are deemed not to be material for our total GHG footprint.		
	Source of emissions factors and methodologies used	The methodologies identified to collect activity data and calculate emissions beginning in 2020 are the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition) ("GHG Protocol"), U.S. EPA Emissions & Generation Resource Integrated Database, and U.S. EPA Mandatory Greenhouse Gas Reporting Rule. The GHG Protocol is our overarching framework for Scope 1, 2, and 3 data. Emission factors and CO ₂ - equivalent calculation methodologies have generally been derived from U.S. EPA Mandatory Greenhouse Gas Reporting Rule and the U.S. EPA Emissions & Generation Resource Integrated Database ("eGRID").		
	Gross Scope 2 GHG emissions (MT CO ₂ e)	620,000	614,000	577,000
	Gases included in the calculation: CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ or all	All	All	All
	Base year	2020	2020	2020
Scope 2	Consolidation approach	Corteva does not include sites that fall outside our definition of Operational Control, defined as sites that Corteva has greater than 50% Operational Control. Corteva also excludes office buildings and warehouses, as these are deemed not to be material for our total GHG footprint.		
	Source of emissions factors and methodologies used	For Scope 2, we use a blended location-based and market-based methodology approach. The methodologies identified to collect activity data and calculate emissions beginning in 2020 are the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition) ("GHG Protocol"), U.S. EPA Emissions & Generation Resource Integrated Database, and U.S. EPA Mandatory Greenhouse Gas Reporting Rule. The GHG Protocol is our overarching framework for Scope 1, 2 and 3 data. Emission factors and CO ₂ - equivalent calculation methodologies have generally been derived from U.S. EPA Mandatory Greenhouse Gas Reporting Rule and the U.S. EPA Emissions & Generation Resource Integrated Database ("eGRID").		

GHG Emissions Current Intensity Ratio	Scope 1 & 2		
	2020	2021	2022
MT CO ₂ e/\$ Net Sales	0.000072	0.000065	0.000057
Organization-specific denominator	\$ Net Sales		
Gases included in the calculation CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ or all	All		

Scope 3 Emissions

	2020	2021	2022
Gross Scope 3 GHG emissions (MT CO ₂ e)	6,097,000	6,341,000	8,297,000
Gases included in the calculation CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ , or all	All		
Biogenic CO ₂ emissions in MT of CO ₂ e	N/A		
Base year	LH2019 to FH2020; first full year of operation as Corteva, to be able to account for full seasonal year.		
Consolidation approach	The methodologies identified to collect activity data and calculate emissions beginning in 2020 include the Greenhouse Gas Protocol: Value Chain (Scope 3) Accounting and Reporting Standard ("GHG Protocol"). The GHG Protocol is our overarching framework for Scope 1, 2, and 3 data. Emission Factors and CO ₂ -equivalent calculation methodologies have generally been derived from input-output datasets based on the World Input-Output Database ("WIOD") and the Open IO Database.		

Lowering emissions through sustainable practices and partnerships

Ensuring the availability of nutritious foods and reducing food insecurity, in line with UN SDG 2: Zero Hunger, is a top priority for our business. To this end, Corteva is innovating the next generation of agricultural solutions to address the impacts of climate change. The company leverages its industry expertise to reduce emissions impacts within its operations, and collaborates with members of the agriculture sector's value chain to identify future opportunities for emissions reductions and reporting improvements. See [Measuring the Environmental Life Cycle of our Products](#) for more information on our journey with industry to showcase the benefits of new lower carbon technologies that show positive changes to upstream and downstream emissions and [Capabilities for Advancing Innovation](#) for more information on how Corteva's products and technologies can enable farmers to produce crops with lower carbon intensity.

In setting its emissions strategy, Corteva evaluates the costs and benefits of various potential investments in the development of climate resilient product and service innovations, operational improvements that can reduce Scope 1 and 2 emissions, and traditional supplier engagement approaches to reducing Scope 3 emissions. Climate-resilient technology that doesn't create food, energy, or supply chain security risks is a factor limiting progress towards advancing the agriculture industry's emission progress and continues to make investment in our innovations and operations generally more impactful than traditional supplier engagement on Scope 3 emissions. Logistics companies and family farms often lack affordable technology needed to collect data on and reduce GHG emissions. This presents a challenge for Corteva as it works to collect accurate emissions data and promote a lower carbon footprint across its supply chain. However, through increasing our stakeholder engagement and the promotion

of our climate-resilient products and services, Corteva is identifying opportunities to provide the technologies needed to advance progress on emission reductions and building an agricultural and chemicals sector that prioritizes food security with climate resiliency embedded directly into strategy.

One such opportunity is the Corteva Carbon Initiative, which is designed to help farmers produce scalable Scope 3 emission results that adhere to climate accounting guidelines and minimize downstream emissions in the food and agriculture value chain. As part of the initiative, Corteva conducted fundamental research, including soil sampling on acres beyond the requirements of current certification agencies, to establish a comprehensive dataset that can serve as a benchmark for monitoring progress on these acres over time. In 2022, Corteva distributed payments to farmers participating in the [Corteva Carbon Initiative](#), which generated emissions credits for over

25,000 acres, as part of one of the most extensive initiatives in the agricultural industry to provide payments for Scope 3 emission reductions. Today, over one million acres are enrolled in the Corteva Carbon Initiative.

Alongside our downstream engagement of farmers with our Carbon Initiative, Corteva is also actively engaging with organizations developing the industry-aligned standards for Scope 3 carbon accounting in the chemical sector. Through collaborations with non-governmental organizations like Tfs and WBCSD, we are actively working to enhance the quality of current accounting standards, resulting in more industry-aligned methods for carbon accounting.

These actions include:

Purchased Goods and Services – sharing product carbon footprint data

Tfs is working towards providing Scope 3 GHG emissions accounting guidance, and tools for improving the identification, tracking and reduction of Scope 3 GHG emissions in the chemical industry.

In 2022, Tfs launched the Product Carbon Footprint ("PCF") Guideline, the first-of-its-kind guideline to transform the way chemical companies calculate, monitor, and reduce upstream supply chain emissions. The PCF guideline was also expanded to cover corporate accounting and reporting and provided a methodology for suppliers and companies to calculate PCFS and Corporate Scope 3, Category 1 (purchased goods and services) GHG emissions. To ensure alignment with existing standards, Tfs partnered with organizations such as GHG Protocol, WEF, Science-Based Targets initiative and WBCSD. The PCF Guideline is ISO and GHG protocol accounting standards compliant. Tfs published the Guideline as open-source and is designing an IT solution to enable corporations and suppliers to share upstream product carbon footprints. The updated PCF Guideline and these tools will be a vital instrument for working toward over time real and meaningful emission reductions to help decarbonize the industry together. Corteva's climate strategy leader is a credited author of the Tfs PCF Guideline.

Land Sector and Removals Guidance – multi-stakeholder pilot

The GHG Protocol establishes comprehensive accounting standardized frameworks to measure and manage GHG emissions from operations, value chains, and mitigation actions. Currently, some important activities related to GHG emissions and removals are not accounted for in companies' GHG inventories in a way that completely captures all land-related activities, including mitigation initiatives:

- Land use and land management
- Land use change
- Biogenic products across the value chain
- CO₂ removals, including biogenic and technological removals
- Carbon storage in land and product carbon pools

Addressing these gaps requires inclusive, multi-stakeholder processes allowing companies like Corteva to test and comment on the new accounting and reporting standard. Participating in this initiative sponsored by the World Resource Institute and the WBCSD and aligned with the Science Based Targets Initiative, will advance our understanding of pending relevant reporting standards while also addressing pressing issues around land use and management that affect Scope 1-3 emissions accounting.



Biodiversity Governance, Risk, and Opportunity Management

The S&I Committee oversees biodiversity-related risks and opportunities, with the responsibility to review and monitor Corteva Agriscience's biodiversity risks, plans, goals and targets, and progress against such goals and targets no less than annually on behalf of the Board.

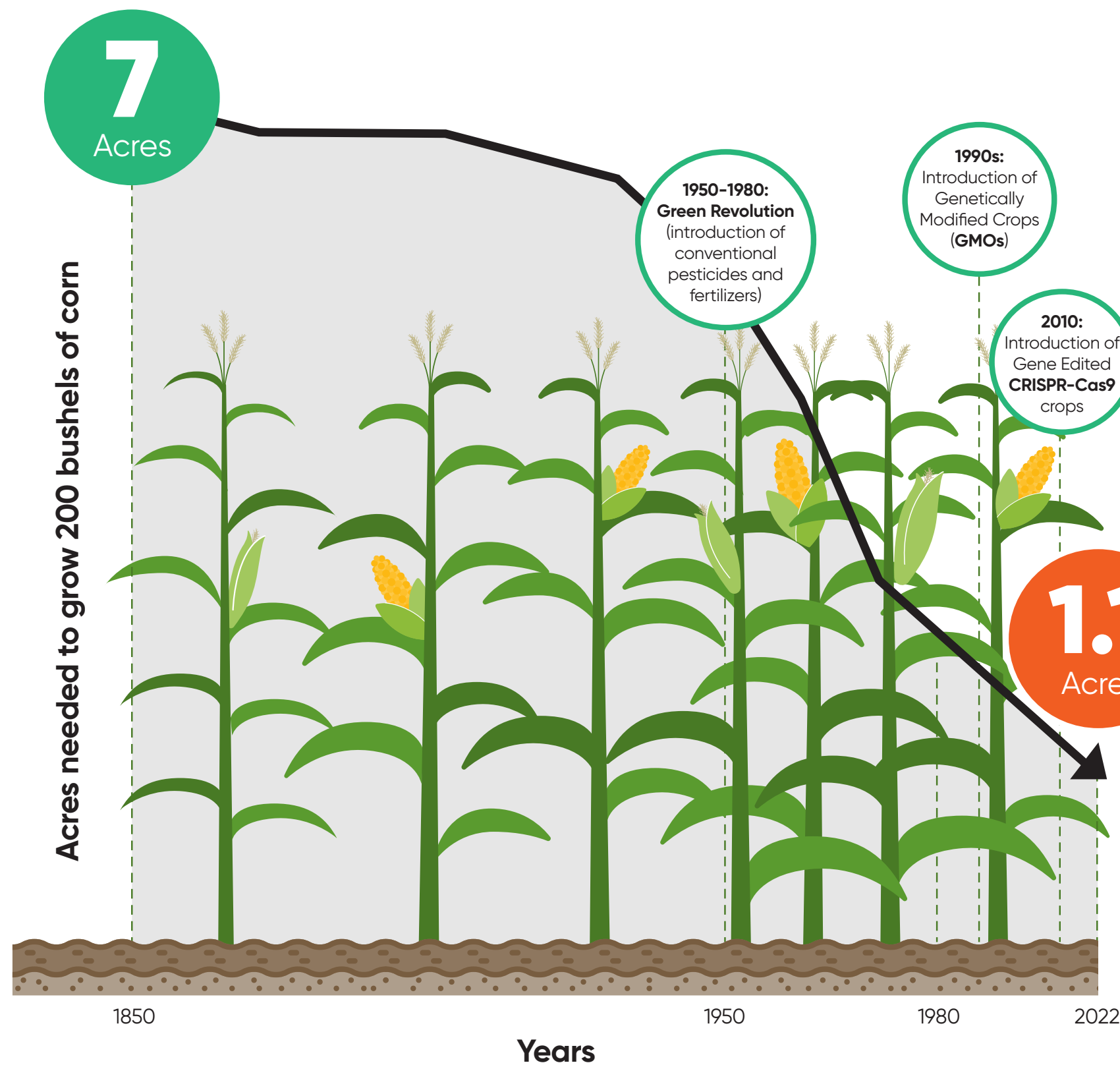
For more information on the Company's Biodiversity Governance, see [Sustainability and ESG Governance](#).

For more information on the Company's Biodiversity Sustainability Innovation Crop Protection and Seed Criteria, see [Our Focus: Sustainable Innovation](#).

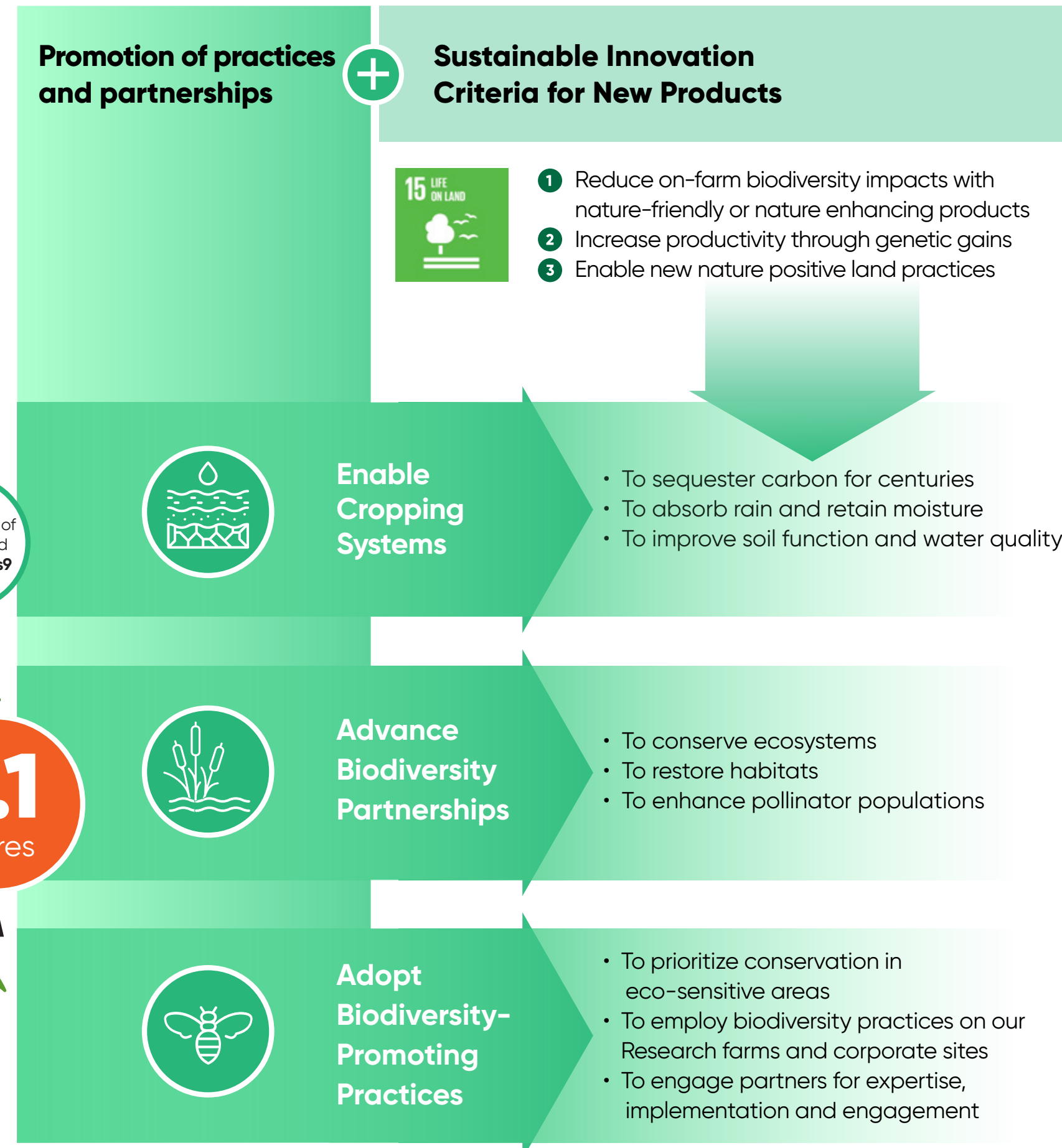
For more information on the Company's Biodiversity Strategy, see [Our Focus: Biodiversity](#).



Over the past several decades, innovations in seed genetics and crop protection have reduced the amount of land needed to grow crops. Higher yielding hybrids and nature enhancing products, alongside promotion of nature positive production practices can help farmers reduce pressure for land conversion and global deforestation while also enhancing food security for a growing population in a world expected to have less arable land and more severe weather due to climate change.



Corteva Agriscience's Strategy



Harnessing the value of nature with our products

Plant-parasitic Nematode Control **Reklemel[™] active**

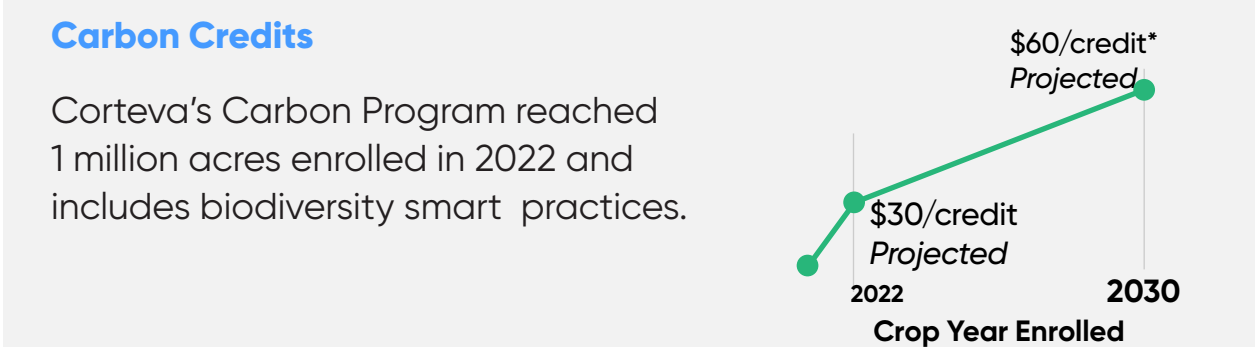
Reklemel[™] active is a first-of-its-kind, targeted plant-parasitic nematocide, yet is gentle on many beneficial organisms in the soil – including good nematodes. This allows farmers to effectively protect their crops from plant-parasitic nematode damage without disrupting the healthy balance of beneficial organisms in the soil.

Nitrogen Stabilizer and Optimizers **Utrisha[™] N** **PinnitMax[™] TG** **Optinyte[™] technology**

Corteva's suite of 3 above and below ground nitrogen stabilizers and optimizers ensure nitrogen remains in the soil, while also biologically sequestering nitrogen from the plant's leaves.

Weed Control **Enlist One[®]** **Enlist Duo[®]**

Enlist[®] was the first product to comply with the EPA's new Endangered Species Act consultation process. With its extended registration, farmers can be assured the tools they need to produce crops while reducing the risks to wildlife and habitats will remain available.



*Source: Forest Trends' Ecosystem Marketplace, "Financing Emissions Reductions for the Future: State of Voluntary Carbon Markets 2019." Washington DC: Forest Trends, 2019.

Water Stewardship

Annually, Corteva Agriscience conducts a global water-risk assessment against its facilities reporting >100,000 gallons per year. Based on our global tracking and mapping, we know our global physical plant assets have an approximately 20–30% presence in water-stressed areas based on WRI's Aqueduct Global Water Tool. **Water risk is mixed across all seed and crop protection Corteva production plants.**

Water Stewardship and Our Value Chain

Through Corteva's products and services, we have realized opportunities that can have substantive financial and strategic impact on our business.

About 80% of our new crop protection products meet our design criteria of improving water quality and reduce the risk to groundwater relative to at least one target benchmark. 100% of our new seed product offerings meet our design criteria of improving water-use efficiency per unit of water, compared to current standards. These criteria support potentially at-risk growers in addition to strengthening our upstream supply chain on seed production land and downstream grower customers impacted by water stress.

To accomplish this, Corteva will lean on our leading innovation capabilities.

Examples include:

Corteva's AQUAmax® technology is designed to improve the water use efficiency of crops by enhancing their ability to capture and retain water, particularly under drought conditions. This technology involves the use of specialized seed coatings and genetic traits that enable crops to grow deeper roots and better withstand water stress, ultimately resulting in higher yields and less water usage per unit of production. AQUAmax® technology has been incorporated into several crop varieties, including corn, soybeans, cotton, and sorghum.

Utrisha™ N, a biostimulant that help reduce the amount of nitrogen that is lost to the environment through leaching and runoff. These products can improve crop productivity and profitability while also reducing the risk of nitrate contamination in groundwater.

Drought and heat resiliency within our value chain

In 2022, Corteva introduced **Sosdia™ Stress abiotic stress mitigator**. This new biological solution protects row crops from environmentally stressful conditions like drought, heat, excess salinity, and excess sunlight. Sosdia Stress abiotic stress mitigator allows plants to focus on growth and productivity – instead of on cell repair in challenging conditions – for optimum yield potential. Sosdia™ Stress contains naturally occurring ingredients like proline and potassium, which help crops react to stress similarly to plants with higher levels of osmolytes. (Osmolytes are naturally-occurring compounds that protect cell integrity, water balance, and metabolism during stressful conditions. Think of it this way: Cacti are plants with naturally high levels of osmolytes. Sosdia™ Stress helps row crops react to heat and drought similarly to cacti). Crops treated with Sosdia™ Stress lose less water vapor, maximizing the conversion of water into crop biomass for better yield potential.

Corteva's Brevant® seeds offers **Nexera® canola with The Heat Advantage™**, ensuring a grower's canola is automatically protected in the event of excess heat during the critical flowering development stage.



Water Quality and our Direct Operations

Increased severity and frequency of precipitation patterns and extreme weather could create a greater need to advance seed production technologies and adapt planning for parent seeds. In crop protection, extreme weather events and shipping supply constraints may cause delays in sourcing, moving, and manufacturing product. Disruptions in shipping may provide challenges in a just-in-time system, potentially resulting in building extra inventory to provide a buffer, which may increase costs to Corteva Agriscience and/or impact margins.

Because water is utilized as an ingredient, the ability to source enough water is important to our operations. Our contract manufacturers use freshwater as an input for growing seeds, which are important to the success of our business and to support the resiliency of global food production. Similarly, our customers, including farmers and other stakeholders in the food supply chain, rely on good quality freshwater for growing crops. The ability to source enough recycled, brackish and/or produced water for use is also important to Corteva's manufacturing plants and processes. **Therefore, to maintain this critical resource for us and the communities we operate, our policies encourage the reuse and recycling of water in water stressed regions, including, Zero Liquid Discharge facilities, and locate our most water intensive activities, like biological fermentation, at sites where water and wastewater technology is plentiful.**

Water Consumption	2022 Million Gallons	2022 Megaliters
A: Withdrawal: Total municipal water supplies (or from other water utilities)	3,023	11,443
B: Withdrawal: Fresh surface water (lakes, rivers, etc.)	536	2,029
C: Withdrawal: Fresh groundwater	490	1,855
D: Withdrawal: Irrigation ¹	3,556	13,461
Water Shipped offsite for treatment	293	1,109
Total withdrawals (A + B + C + D)	7,605	28,788
E. Total discharges	1,226	4,641
Total net freshwater consumption (A + B + C – E – water shipped offsite for treatment)	2,530	9,577
Withdrawals from areas with high and extreme water stress	611	2,313

Corteva continues to assess calculation adjustments of water consumption as we look to further understand, adjust, and improve our water disclosure process, strategy and efforts.

In 2022, certain efforts undertaken improved data capture quality. Corteva conducted education sessions at the facility levels of our key locations to enhance water consumption calculations. In addition, supporting networking with facility data owners assists us in logging and better understanding our water impacts globally.

0.00192
2022 Water Intensity
 (Total withdrawals in M3/\$ Net Sales)



¹ Withdrawals for purpose of irrigation occur from municipal water supplies, surface water, and groundwater.

Sustainability Efforts at our Johnston, IA Global Business Center

Corteva Agriscience is helping shape the sustainable future of food and agriculture by innovating and collaborating to support farmers, consumers and those in the food value chain.

Sustainability is not just a priority for us, it is at the very core of who we are and what we seek to achieve. We're not starting this process from scratch. We're building on the sustainability legacy of our heritage companies and brands to form a new vision for the future.

HID Lighting Recycling

Approximately 112 tons of metal were diverted from landfills and sent to a recycling partner for reuse. This was otherwise wasted material resulting from replacing outdated lighting with LED technology.

Copy/Print Paper Usage

We reduced our paper usage by 10% over the past few years by encouraging employees to print and copy less. If each employee reduces printing by an additional 10% each year, we can save approximately 337,500 sheets of paper.

Smart Irrigation Controllers

Installed in 2022, the controls save 30% annually on water use for our campus turf and landscapes. These irrigation controllers monitor real-time weather data and adjust scheduled irrigation run times daily.

Greenhouse Roofing Material Recycled

More than 83 tons of plastic was recycled as part of a 2022 roof replacement project at the Johnston greenhouses.

Composting Plant Waste

Johnston repurposes waste from campus growing operations by collection and composting. Typically, around 1,000 tons of plant material is composted annually on the Johnson campus.

Fume Hood Timers

We have hundreds of fume hoods on campus. In 2014, the Transformation team hoods were running constantly. To be more sustainable, mechanical timers were added to the hoods. As a result, these fume hoods now only run 30% of the time, saving 872,000 kWh per year.

Reusable Cups in Break Rooms Across Campus

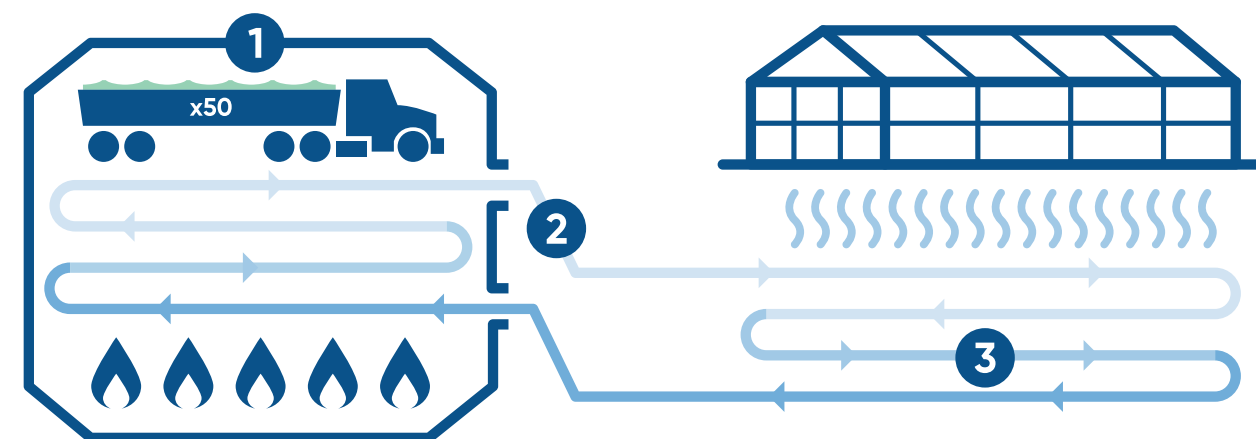
Throughout campus, break rooms are stocked with reusable mugs. Before reusable mugs were supplied, Johnston used 670,000 paper cups each year. Reusable mugs divert over 19,000 pounds of waste from the landfill each year. Ceres Café and several breakrooms also provide reusable dishes and silverware to help reduce plastic utensil waste.

Condensate Recovery

Annually, over 20,000 gallons of clean condensate water is recovered from campus air handling units and reused in campus cooling towers.

CORN BOILER

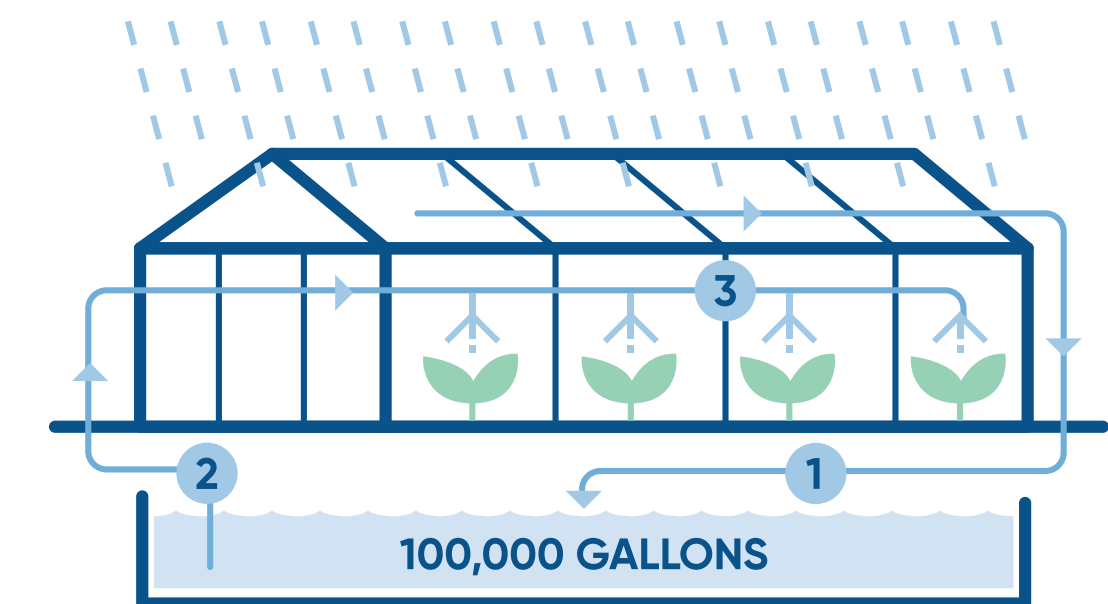
1. Regulated organic materials are gathered in a 22,000-bushel bin
2. Those materials are incinerated and heat the water pipes in our floors
3. Nine miles of pipes in the headhouse floors provide radiant heat in the winter, saving \$1,100/day in heating expenses



WATER-CAPTURE SYSTEM

Since 2017, Johnston greenhouses have saved over 5.3 million gallons through its water-capture system.

1. Rainwater is collected from the roofs and stored below the greenhouse
2. It's filtered through the process of reverse osmosis in an Olympic-size swimming pool
3. Water is then precisely distributed to plants based on testing being performed



Circular Economy

From product consumption to packaging production, Corteva Agriscience takes a circular economy approach to reducing our impact on the environment. We are also leaders in measuring product impacts on the environment through our internal Life Cycle Assessment (LCA) competency governed by an international recognized set of ISO standards.

Circular Product Innovations

For new Corteva seed and crop protection active ingredients, we have established thresholds for each sustainable innovation criteria to deliver a notable sustainability advantage.

~90% of our new crop protection products in 2022 meet our criteria aligned to UN SDG 12: Responsible Consumption and Production, specific to the following thresholds:

- Using sustainably sourced renewable inputs
- Using safer materials in manufacturing and finished products
- Reducing food waste
- Reducing waste and improving product application efficiency



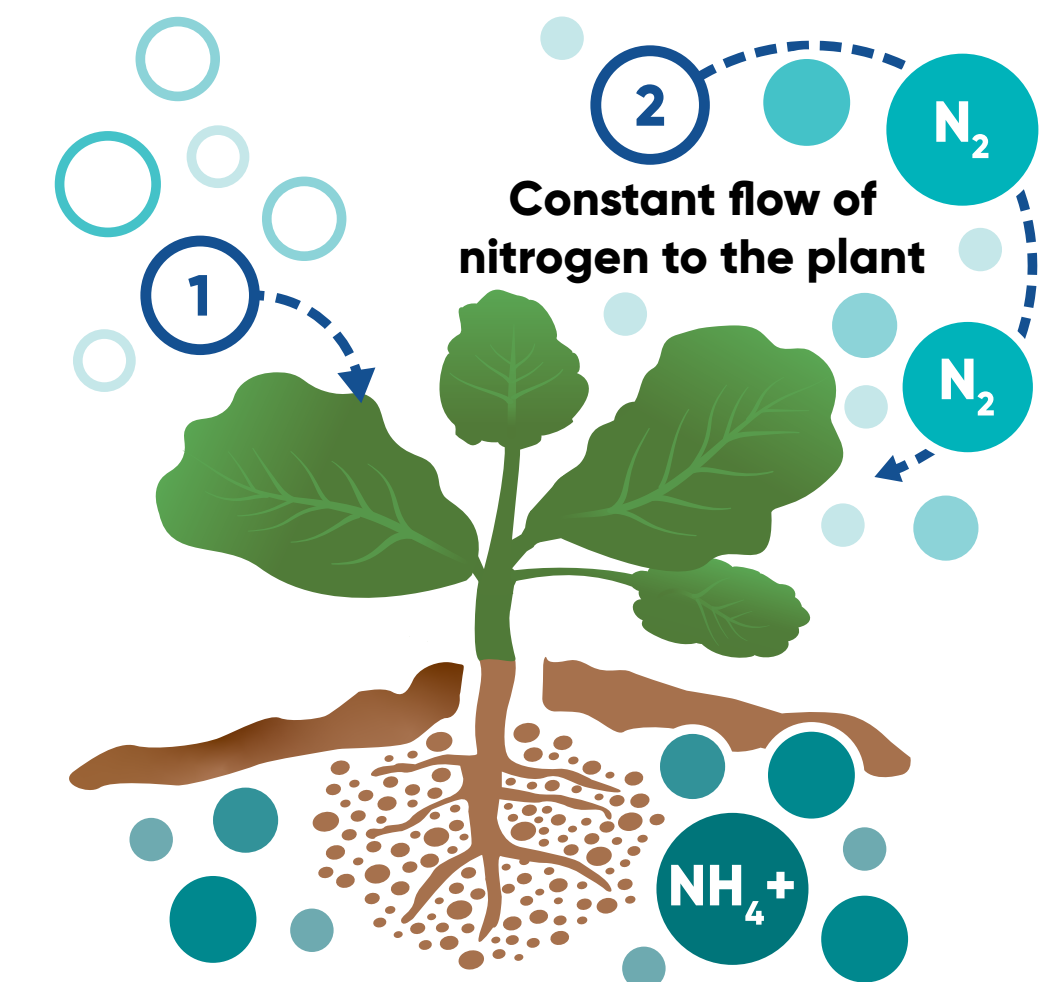
Ensure sustainable consumption and production patterns

Examples include:

- Corteva can help encourage the circularity of its oilseed crops through double-cropping in the Southern U.S. to produce renewable fuel feedstocks. These products **help reduce the need for carbon-intensive fuels while promoting soil health.**
- On March 1, 2023, Corteva completed the acquisitions of Stoller Group Inc., one of the largest independent companies in the biologicals industry, and Symborg Corporate S.L., an expert in microbial technologies. Products include **nitrogen optimizers**, a biological that **1) enters the plant through the stomata and colonizes in the leaf cells** and **2) converts nitrogen from the air into ammonium**, resulting in a more constant supply of nitrogen to the plant. No plant energy is required for this process.

Utrisha[®] N

**NUTRIENT EFFICIENCY
BIOSTIMULANT**



Supplies nitrogen throughout the crop cycle in an effective and controlled way

Circular Packaging

Corteva Agriscience takes a circular economy approach to the use of packaging materials that are put on the market, to increase the potential for these packaging materials to be recycled and/or reused over time. Corteva is currently focused on the primary, secondary, and tertiary packaging materials for the products that reach our customers. At present, packaging materials that are used for intermediate and internal development are out of scope.

Corteva has a global packaging council and regional packaging steering teams that build sustainable progress into packaging decisions relating to eco-design, rationalization, purchasing, and supply across our regions, including ongoing support of agriculture container recycling and collection schemes globally.

In our industry, plastic, cardboard, and paper are the dominant materials used to pack final products. Materials that are most commonly recycled after proper decontamination and for specific and monitored end-use include high-density polyethylene ("HDPE") containers and external cardboard boxes.

In 2022, we conducted a complete packaging component gap assessment in all regions, leading to a global roadmap and action plan.

We also identified the following opportunities to increase packaging circularity:

- Move from multi-material components to mono-material components using coating to enhance barrier performance
- Adjust components that can be redesigned without functionality or quality impact, to achieve an optimum weight and performance ratio
 - Corteva's European crop protection portfolio introduced a new redesigned 1L bottle, which is 27% lighter than previous bottles
- Use recycled plastic to replace virgin plastic from the crude oil industry

Reusable

A packaging item will be considered as reusable if:



It is designed to be reused.



And there is a business model in place to reuse it.

Recyclable

A packaging item is recyclable if one of the following criteria is matched:



A recycling stream exists and is used for the material of consideration of the item within our Crop Protection industry.



The item is made of a material for which a recycling stream outside of our Crop Protection industry exists.



Measuring the Environmental Life Cycle of Our Products

In early 2020, Corteva Agriscience established an internal LCA competency. LCA is a science-based, holistic approach to quantifying environmental impacts throughout the value chain of a product or process. LCA is governed by a set of ISO standards, which include 14010, Guidelines for environmental auditing – general principles, and 14044, Environmental Management – Life cycle assessment – requirements and guidelines. Industry, academia, and government agencies have applied LCA for many purposes over the years.

Impacts are considered across the full value chain, including raw materials, direct operations, use, and end-of-life scenarios. Our internal LCA team will continue to partner with external consultants and stakeholders to provide the analysis and insights needed to achieve targets and further quantify the environmental impact of our sustainably differentiated products.

Our Journey Towards Measuring GHG Reduction Benefits

Corteva is on a journey with its industry peers to better understand how we can showcase the benefits of new lower-carbon technologies that show positive changes to emissions. For example, our peer-reviewed Optinyte™ LCA for corn farming follows ISO standards 14010 and 14044, and reported an 11-32% average reduction in life-cycle GHG emissions based on county and national data, with and without irrigation and drying. In addition, both assessments indicated that a reduction of marine eutrophication potential was a likely result of employing Optinyte™ technology in these systems.

As a result of these favorable outcomes, Corteva is increasing R&D into the quantification of the GHG reduction benefits of our products.

For more information, see [Our Focus: Sustainable Innovation](#) for examples of life cycle assessment's positive results.

Corteva is using Life Cycle Assessment to:



Provide subject matter expertise and guidance for leadership



Understand the environmental footprint of select products



Communicate with key stakeholders

Non-hazardous Waste	FY 2022	Unit
Total waste recycled/reused	930,334	MT
Total waste disposed	1,680,423	MT
• Waste landfilled	664,364	MT
• Waste incinerated with energy recovery	161,483	MT
• Waste incinerated without energy recovery	85,725	MT
• Waste with unknown disposal method	2,501	MT
Hazardous Waste	FY 2022	Unit
Total hazardous waste recycled/reused	27,099	MT
Total hazardous waste disposed	75,306	MT
• Hazardous waste incinerated with energy recovery	16,055	MT
• Hazardous waste incinerated without energy recovery	48,207	MT
- Hazardous waste landfilled	4,786	MT
Air Emissions	FY 2022	Unit
Direct Nitrous Oxides ("NOx")	548	MT
Direct Sulfur Oxides ("SOx")	26	MT
Direct Volatile Organic Compounds ("VOCs")	327	MT
Direct Hazardous Air Pollutants ("HAPs")	62	MT

Corteva continues to enhance reporting functionality to calculate air emissions from combustion sources. Air emissions were calculated based on emission factors dependent on individual calculations.

HAP emissions are determined from global fuel combustions and process emissions from 5 U.S. Crop Protection Manufacturing locations.

Social

2022 Highlights



Increased Our Share of Women in Management Positions



Improved Our Process Incident Severity Rate ("PSIR")



Increased the Productivity of Smallholder Farmers



EHS&S Governance, Risk Management, and Performance

The Governance and Compliance Committee of the Board of Directors oversees enterprise EHS&S risks and periodically reviews metrics to track performance and focus improvement efforts. This includes reviewing and providing input to Corteva Agriscience’s management team regarding the management of current and emerging issues and reporting periodically to the Board on EHS&S as well as Distribution Safety & Security (“DS&S”), Quality, product, regulatory, compliance, and stewardship matters affecting the Company.

The safety of our employees, facilities, and the communities where we operate and sell is a priority that is rooted in our Live Safely value and is a core part of how our teams around the world live and work every day.

To support farmers and the agricultural industry, we need to ensure that we provide the products they need in a safe and sustainable manner. For Corteva, that means protecting the health and wellbeing of our employees and their families, as well as our value-chain partners and supplemental workforce. We introduced our Live Safely value to demonstrate our commitment to the safety of our people, communities in which we operate, and the environment. It represents Corteva employees’ commitment to safety and desire to make a difference by the way we live every day.

We are working to fulfill our safety commitments by:

- Driving elimination of severe incidents
- Implementing a framework to share expertise and information to help drive improved safety performance for our customers and the broader agriculture industry

Emergency Planning & Response

Emergencies can strike suddenly, whether an act of nature like a hurricane, flood, or earthquake, or as a result of an operational malfunction. Through the Responsible Care® initiative, companies belonging to the American Chemistry Council (“ACC”) commit to prepare for emergency situations that can affect the safety and stability of facilities and surrounding communities.

The Responsible Care® management system includes emergency planning requirements based on potential risks a facility might face. Individual facility risks may vary, based on the facility’s location (i.e. near a flood plain), time of year (i.e. hurricane season), the types of chemicals used and produced at the facility, and requirements for preparedness plans in compliance with requirements from local, state and national authorities.

Responsible Care® companies:

- Identify, assess, and prioritize potential facility operational risk to understand what potential hazards might arise from their operations, how those hazards may translate into potential risks, and how to manage those risks
- Establish and maintain procedures to prepare for and respond to accidents and emergency situations that may occur and help prevent or mitigate associated impacts.
- Periodically test their emergency response procedures, train employees about the safety obligations for their specific jobs at the facility, and work closely to coordinate their emergency preparedness plans with local, state, and national authorities

[Emergency Planning & Response](#)





Industry Performance

As a member of the ACC, we are committed to safety and sustainability in the communities where we operate and in the products we manufacture. Through implementation of Responsible Care®, ACC members demonstrate their commitment the health and safety of their employees, the communities in which they operate and the environment as a whole.

For nearly 35 years, companies practicing Responsible Care® have worked to significantly enhance their EHS&S performance.

Participation in Responsible Care® is mandatory for all ACC members and Responsible Care® Partner companies, all of which have made CEO-level commitments to the program, including:

- [Signing the Responsible Care® Guiding Principles](#)
- [Tracking and transparently reporting Company performance on environmental, health, safety and security metrics](#)
- [Undergoing third-party audit and certification to Responsible Care® Management System \("RCMS®"\)/RC14001®](#)
- Implementing the [Product Safety](#), [Process Safety](#) and [Security Codes](#)

[Responsible Care®: Driving Safety & Industry Performance](#)

Responsible Care Program

Responsible Care® is the chemical manufacturing industry's environmental, health, safety and security performance initiative.

In this vein, a key part of the Responsible Care® Management System process is mandatory certification by an independent, accredited auditor. All of the more than 250 companies practicing Responsible Care® in the U.S. undergo headquarters- and facility-level audits to ensure they have management system to drive continual performance improvement. Responsible Care® companies must renew their certification every three years, and companies can choose to certify to one of two management system technical specifications, as well as implement all three Codes of Practice. The technical specifications and the three Codes of Practice are as follows:

- RCMS® certification, which verifies that a company has implemented the Responsible Care Management System; or
- RC14001®, which combines Responsible Care® and ISO 14001 certification into a single, cost-effective process
- Product Safety Code, Process Safety Code, and Security Code

[Management System Certification](#)

Management System Certification & Third-Party Assurance

Our efforts to assess, monitor, and reduce exposure of employees and contract workers to safety and health risks are guided by our EHS&S program, policies, and standards. This includes efforts contributing to our safety improvement goals and is consistent with guidance in Corteva Agriscience's Code of Conduct.

Corteva maintains an Occupational Health and Safety ("OH&S") management system that has been implemented based on legal requirements and recognized risk management standards and guidelines. A full 100% of employee and contractor OH&S incidents are covered by the OH&S management system while they are working on site or on our behalf.

Safety Performance	Unit	FY 2020	FY 2021	FY 2022
Work-related Fatalities – Employees	Number	0	0	0
Work-related Fatality Rate for Direct Employees	Fatalities per 100 employees	0	0	0
Work-related Fatalities – Contractor	Number	0	0	0
Work-related Fatality Rate for Contract Employees	Fatalities per 100 contractors	0	0	0
Lost-Time Injury Frequency Rate (LTIFR)	Number per million hours worked	0.51	0.37	0.58
Process Safety Events: Tier 1	Number per million hours worked	0.05	0.00	0.05
Total Recordable Incidents Counts (TRIR)	Injuries per 100 employees	0.35	0.36	0.39
Process Safety Incidents Count (PSIC)	Number of tier 1 PSCE events	4	0	4
Process Safety Total Incidents Rate (PSTIR)	Tier 1 PSCE events per 200,000 hours worked	0.01	0.00	0.01
Process Safety Incident Severity Rate (PSISR)	L1/L2 ¹ events PSCE per 200,000 hours worked	0.039	0.026	0.020
Number of Work-related Transport Incidents	Number per transport definition	7	3	6

Health and Safety Third-Party Assurance

Corteva Agriscience commissioned SGS United Kingdom Ltd to provide independent assurance of its Health and Safety KPIs noted in the 2022 Sustainability Report. The scope of the engagement includes the safety indicators noted below, and the objective of the engagement is to provide a limited level of assurance to Corteva stakeholders that the reported indicators are:

- Determined using procedures and systems that are reliable in producing data that is accurate and free from material misstatement
- Reported in accordance with the principles of transparency, accuracy, consistency, relevance and completeness and in accordance with Corteva internal procedures for Health and Safety data collection and reporting (EHS&S Event Reporting and Classification Standard)

On the basis of the methodology described and work performed, SGS concludes that no evidence has been brought to attention to suggest that the procedures and systems utilized by Corteva to determine Health and

Safety performance metrics are not reliable in producing accurate data or that the reported data determined using those systems and procedures is not a fair and balanced representation of Corteva Health and Safety performance, during 2022. The verification and assurance methodology employed by SGS was based upon internationally recognized standards and guidance, including ISAE 3000.

Data is provided in the format that best aligns to the multiple standards that request this information; units are therefore not standardized.

¹L1/L2 is Corteva's internal classification for severity.

ID&E Governance, Risk Management, and Performance

Embracing ID&E starts with our Board, including the People and Compensation Committee, which is regularly updated on our progress and helps guide and direct our efforts. Our Executive Leadership Team also fully supports this commitment and our CEO, Chuck Magro, reaffirmed its importance by making ID&E a key component of the business priorities he's established for our organization.

Non-discrimination & Harassment

Beyond the Code of Conduct, Corteva Agriscience internally publishes additional, detailed non-discrimination policies outlining expectations that apply to all Corteva employees globally. These policies discuss specific non-discrimination topics, including prohibiting sexual and non-sexual harassment, and reinforcing escalation processes and corrective or disciplinary actions that may result. Employees are required to complete trainings on workplace discrimination and harassment on at least an annual basis.

Incidents are reviewed regularly; Corteva discloses incidents to the Board on at least an annual basis and usually quarterly. In 2022, there were 49 substantiated reportable incidents

globally of violations to the Discrimination, Harassment and Retaliation Prevention Policy or the Respect & Responsibility Policy. As result of these cases, 15 involuntary termination actions were taken, and 34 cases had disciplinary action and/or remediation plans implemented.

Corteva follows all employee laws in the countries where we operate by jurisdiction, most of which prohibit activities that involve child labor, forced or compulsory labor, violations of the rights of indigenous people, and other human rights issues. To enforce these human rights principles in action, Corteva posts signage in physical offices and takes other proactive measures at a local level to convey our zero-tolerance stance on child labor, forced or compulsory behavior, discrimination, and other unethical workforce practices. For example, we take a proactive approach to these concerns in India, with certain measures such as community training guided by the UN Declaration on Human Rights, ILO Declaration on Fundamental Principles and Rights at Work, and the Indian Legal Provisions on Child Labor.

Employee Training & Development

Training and development tools are provided through the development of curricula

developed both internally and by third parties for compliance, enrichment, and upskilling. See Human Capital Management in our [2023 Proxy Statement](#).

Mandatory training for employees covers human rights parameters including safety, information and personal security, inclusion, ethics and Code of Conduct, anti-corruption, harassment prevention, well-being, and other topics. Each mandatory training has a targeted audience, many of which are Company-wide requirements (examples include vehicle safety, harassment prevention, Code of Conduct), as well as other targeted regional, country, business, or task-specific audiences (examples include antitrust training, procurement procedures). Company-wide requirements are typically focused on the full-time and part-time workforce, whereas some are also required of contractors within the organization (for example, information security and vehicle safety).

In addition to training, other benefits such as paid tuition programs are offered.

Identifying & Assessing Human Rights Concerns

Corteva assesses our own business as well as others who are acting on our behalf within our supply chain. To identify human rights concerns, Corteva has a grievance mechanism in place to ensure concerns regarding adverse human rights impacts are raised. We choose to work with business partners who share our commitment to the highest ethical standards. We are committed to the protection and advancement of human rights and will not tolerate the use of forced labor, slavery, human trafficking, the exploitation of children, or their engagement in hazardous work. Evaluations are integrated into other assessment and management processes and are based on material issues regardless of where they're identified within the value chain.

As a member of the UNGC, we are committed to aligning our operations and strategies with the UNGC principles on business and human rights. We support its "protect, respect, and remedy" framework and its principles of due diligence. Suppliers are required to agree or attest to our Supplier Code of Conduct within their contract terms, including acknowledging

our zero-tolerance policy on human rights violations. Corteva Agriscience, together with its worldwide subsidiaries and joint ventures, requires that all of its global vendors, contractors, and suppliers of any product or raw material, wherever it originates, apply its Human Trafficking, Child Labor and Forced Labor Principles. The Supplier Code of Conduct and Human Trafficking, Child Labor and Forced Labor Principles expressly outline zero tolerance on these issues, and if any claim against them was found to be true would ultimately terminate the contract. Additionally, it is the responsibility of local management to implement and ensure compliance with these Principles at Corteva Agriscience facilities in each region around the world. In addition, the [Supplier Code of Conduct](#) outlines expectations for environmental partnership including systems, and reporting.



Together for Sustainability

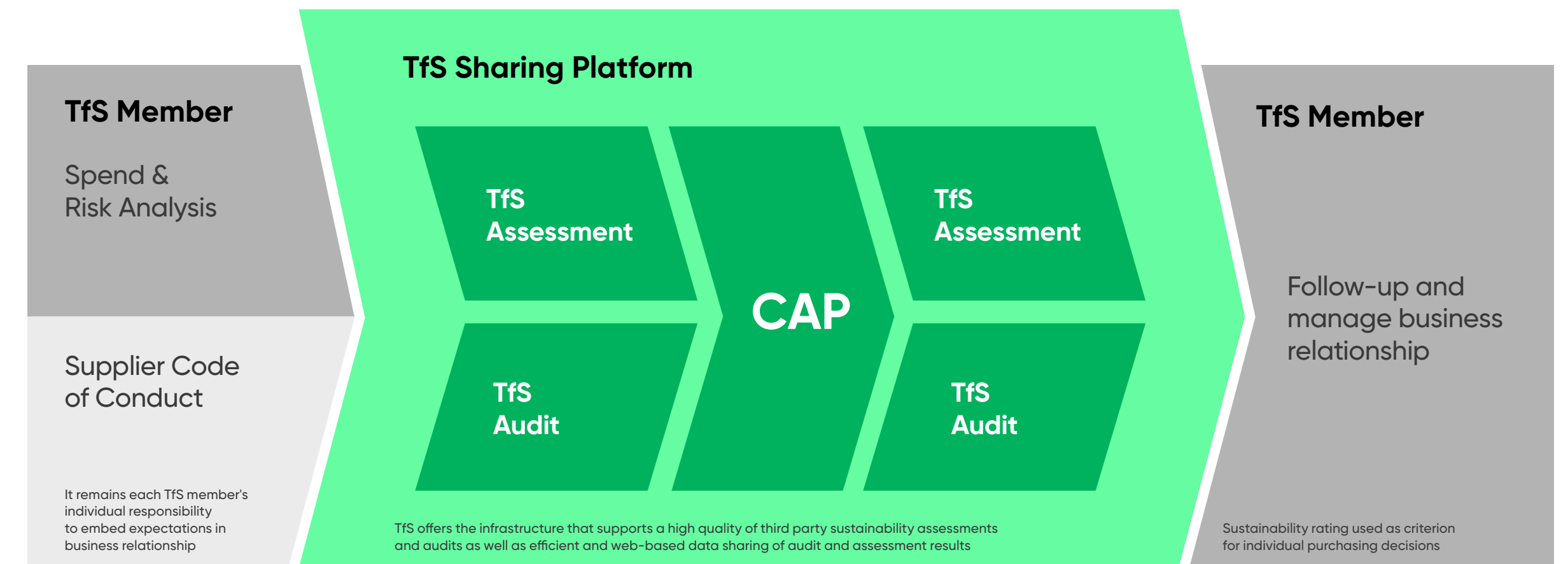
Our work with suppliers is supported by our membership in TfS. TfS delivers the de facto global standard for environmental, social and governance performance of the chemical supply chains. The program is based on the UNGC and Responsible Care® principles. TfS is a global organization with regional members' representation in Asia, North America, and South America. Operating as a unique member-driven organization, the TfS member companies shape the future of the chemical industry together.

TfS operates on the principle "An assessment or audit for one-member company is an assessment or audit for all." The sharing of supplier evaluations among 40 global chemical companies lessens the administrative burden and leverages synergies among the member companies. TfS assessments are carried out by its key partner EcoVadis, a global service provider specialized in sustainability performance assessments. For its Audits, TfS cooperates with a TfS-approved Audit company.

Performance is assessed in the areas of management, environment, health and safety, labor and human rights, and issues of ethical corporate governance. The measures introduced are then reviewed via re-assessments or audits. Follow-up monitoring and subsequent supplier management are the responsibility of the individual member companies. An online platform is used to make the results available to all members of the initiative.

To further its mission to foster sustainable and resilient chemical supply chains, TfS extended its core Assessments and Audits business offerings with leading sustainability solutions for the chemical industry. These will affect change beyond the chemical industry, so that other industries using chemicals can benefit from more sustainable supply chains. [Click here for more information](#) on the TfS collaborative approach to sustainable procurement and its Corrective Action Plan ("CAP") process.

TfS Process



Workforce Demographics

At Corteva Agriscience, ID&E is foundational to who we are and what we plan to achieve as a Company. Since launching our ID&E strategy in 2021, we have continued to establish the building blocks for accelerating our progress in this important area. These building blocks are starting to deliver positive results, as illustrated by the following metrics.

+6%
**year-over-year increase
 in women in top
 management positions**

Workforce Demographics	2020	2021	2022
Total Employees, Global	21,000	21,000	21,000
% FTE by Location, Global	% of Total 2020	% of Total 2021	% of Total 2022
North America	50%	48%	49%
Latin America	16%	18%	18%
EMEA	20%	21%	20%
Asia-Pacific	14%	13%	13%
% Female Employees by Level, Global	% of Level		
Share of women in total workforce (as % of total workforce)	31%	32%	33%
Board of Directors	31%	31%	31%
Share of women in all management positions	28%	29%	30%
Share of women in junior management positions	28%	29%	30%
Share of women in top management positions	31%	27%	33%
Share of women in management positions in revenue-generating functions	18%	20%	23%
Entry-level	39%	40%	41%
% FTE by Age Group, Global	% of Total		
15-30 Years	12%	11%	13%
30-50 Years	63%	62%	63%
50+ Years	25%	25%	25%



Workforce Demographics	2020	2021	2022
% Ethnic Diversity by Level, US Only¹			
	% of Level		
Board of Directors (exception, global)	15%	15%	15%
Executive	29%	28%	24%
Senior Management	14%	19%	18%
Professional/Management	17%	16%	17%
Entry-level	15%	14%	16%
Operations & Support	21%	21%	22%
Share of Race/Ethnicity & Nationality			
Asian	6.23%	6.33%	6.22%
Black or African-American	2.85%	2.89%	3.19%
Hispanic or Latino	6.72%	6.68%	7.32%
White	82.5%	82.4%	81.4%
Indigenous or Native	0.37%	0.36%	0.36%
Other: Native Hawaiian or other Pacific Islander, Native American, and Two or More Races	.99%	1.39%	1.48%

¹ Ethnic Diversity is defined by the following parameters: Hispanic or Latino, Black or African American, Native Hawaiian or Other Pacific Islander, Asian, American Indian or Alaska Native, Two or More Races.

Empowering & Enriching the Lives of Smallholders

Corteva Agriscience has a broad portfolio of sustainable innovations for smallholder farmers, from hybrid corn seed varieties that are drought-resistant and heat-tolerant, to green-chemistry award winning crop protection products that are highly effective against fall armyworm, to herbicides that greatly reduce the labor intensity for women in agriculture. Corteva markets these technologies to millions of smallholder farmer customers in Latin America, Africa, the Middle East, and Asia. With some of the most recognized brands in agriculture, Corteva is committed to working with stakeholders throughout the food system to fulfill our promise to enrich the lives of those who produce and those who consume, ensuring progress for generations to come.

Corteva also engages in global collaborations that are focused on increasing the incomes, productivity, and sustainable farming practices of smallholder farmers. We collaborate with organizations and entities like the U.S. Agency for International Development (USAID), One Acre Fund, Consortium of International Ag Research Centers, Bill & Melinda Gates Foundation, Agricultural Cooperative Development

International (ACDI)/Volunteers in Overseas Cooperative Assistance ("VOCA"), John Deere, and Land O'Lakes. These collaborations enable Corteva to work with in agricultural development public funding to grow the company's business in emerging markets and reduce risk, while enriching the lives of smallholder farmers and their communities. Through these collaborations, key stakeholders also leverage our significant innovation advantages and our scale as well as the unique expertise of our world-class employees to advance solutions to pressing agricultural challenges, such as food security, while promoting equity in agriculture. Furthermore, through our Agriculture Equity Initiatives with USAID, CGIAR, Bill & Melinda Gates Foundation and others, Corteva is leveraging our technologies and scientists to bring sustainable innovations to the smallholder farmers facing some of the greatest pest, disease, and climate challenges globally.





We are co-developing new varieties with public agricultural research institutions and advancing regulatory approvals to increase farmer access to science-based solutions. For example:

- Corteva Agriscience collaborated with USAID and ACIDI/VOCA in **Tanzania** between 2011 and 2022 to increase the productivity of 600,000 smallholder farmers by 300% on average by empowering farmers with increased access to sustainable innovations such as climate-adaptive hybrid corn seeds, fall armyworm control, and herbicides that virtually eliminate the practice of hand weeding, which is most often carried out by women
- Through a collaboration with the USAID in **Myanmar**, Corteva is aiming to increase smallholder farmer yield from 4 MT to 7 MT per hectare and increase farmer income by \$350 USD per hectare by expanding market access to Corteva sustainable innovations, such as climate-adaptive hybrid seeds and crop protection products
- Striga is a parasitic weed that targets the roots of sorghum plants, dramatically impacting yield for this major food staple in **Eastern Africa**. Corteva is collaborating with Kenyatta University, ISAAA AfriCenter, AATF and USAID to apply gene-editing techniques to create a Striga-resistant 'smart' sorghum that hinders the host connection by preventing Striga

germination and parasitism. By measurably reducing Striga infection, farmers will see productivity increases and be better equipped to meet the food consumption needs of millions of people in this arid region

- Corteva collaborates with Alliance for Green Revolution in Africa (AGRA) to improve the productivity and incomes of smallholder farmers in **Africa** through increasing access to sustainable innovations such as climate-adaptive hybrid seeds. AGRA is an organization that seeks to transform African agriculture from a subsistence model to strong businesses that improve the livelihoods of the continent's farming households
- One Acre Fund is a social enterprise that supplies smallholder farmers in **Eastern Africa** with financing and training to enhance food security and improve livelihoods. Our collaboration with One Acre fund is increasing yields and incomes through increasing access to Corteva's sustainable innovations such as climate-adaptive hybrid seeds
- Corteva collaborates with Conservation Farming Unit (CFU) in Zambia to increase smallholder farmer access to sustainable innovations such as climate-adaptive hybrid seeds and crop protection products. CFU works to provide medium and smallholder

farmers with expertise and tools to transition to conservation farming and agricultural practices in **Zambia**.

- Through the Prospera Program, Corteva collaborates with key public and private stakeholders to provide medium and smallholder farmers with classroom and hands-on training, technical support, and increased access to sustainable innovations in **Brazil & Argentina**



Engaging with Communities

[Corteva Grows](#) is our global, Company-wide strategy and program for corporate citizenship and philanthropy. Corteva Agriscience proudly partners with local and regional communities through outreach programs around the world. We use our expertise to help address nutrition, food security, environment, science and technology education, and quality of life challenges.



Community engagement provides opportunities to connect with the people behind agricultural technologies and opens the door for conversations, leading to advocacy and support.

— Ronda Hamm
Global Academic Relations Leader



Corteva Agriscience prioritizes community impact through the following UN SDGs:



UN SDG 2: Zero Hunger

Globally, more than 800 million people in the world do not have enough food to lead a healthy, active life. That equates to one

out of nine people who suffer from chronic hunger. Corteva Agriscience is dedicated to sustainable innovation and working in concert with farmers, local businesses, schools, governments, and non-profits to unlock solutions that help feed the world and ensure sustainable food security. Together we can eliminate hunger and achieve food security.

Some of our contributions have included:

- Sustainable innovations that increase food productivity to feed a growing population.
- Planting and harvesting hunger gardens that stock food pantries
- Assisting with distribution of food for hungry families
- Preparing and delivering meals to home-bound senior citizens
- Helping to create new food pantries for communities in need
- Assembling meal pack kits
- Sharing best practices and access with smallholder farmers



UN SDG 4: Quality Education

We support projects and programs that lead to educational achievement and development for youth globally and build a diverse future agricultural

workforce. We cultivate the future through science and technology education with all ages and broadly increase the tech pipeline, which benefits our business. We collaborate with community partners, educators, organizations, and schools to support events that make science education fun for all ages. Activity areas include agriculture, biology, chemistry, engineering, information technology, nutrition, marketing, sales, and more. Participants learn about career opportunities in agriculture and become familiar with progressive skill sets and professional competencies like critical thinking, problem solving, leadership, teamwork, and communications. Community engagement provides opportunities for open conversations about agricultural technologies, leading to advocacy and support.

Our activities for students include:

- Opportunities to meet with scientists, engineers and tech specialists
- Engaging science activities at K-12 schools and universities
- Hands-on learning and exposure at science fairs.
- Providing access to agricultural professionals to answer questions
- Offering scholarships to students pursuing careers in agriculture fields



UN SDG 11: Sustainable Cities and Communities

Our local communities are the heart of our company. Corteva program initiatives help improve the quality of

life in communities where we live and work, striving to meet the unique needs of each. Corteva is driven by a purpose to enrich the lives of those who produce and consume agricultural products around the world. We strive to create an agricultural ecosystem that naturally supports people, progress, and the planet. We proudly partner with our communities through outreach programs. Corteva promotes the sustainable use of terrestrial ecosystems within communities across the U.S. with our Corteva Grows Pollinator Habitat program. This unique program supports the monarch butterfly and pollinator habitat at 38 Corteva sites in 19 states across the country that represent about 100 acres. Corteva provides land and financial support for the pollinator habitat, and each habitat is planted and maintained by the site's employees and 4-H youth. Additionally, Pheasants Forever provides expertise and support, such as habitat seed, site preparation, planting support, and ongoing mowing. Through this joint initiative, over 25,000 4-H youth are helping increase pollinator populations. With the tools and support needed to understand the importance of pollinators, they're also learning how to build a habitat in their own communities, proactively working toward increasing biodiversity.

Focusing on UN SDGs 2, 4, and 11 bring Corteva's purpose to life. They grow the business through understanding our stakeholders and communities, driving programs and partnerships, and expanding market access, technology acceptance, and freedom to operate locally and globally.

Community Performance 2022

Global Cash and In-Kind Giving (Product or services donations, projects/partnerships or similar)	\$10,000,000
Ukraine Donations	\$1,700,000
Employee volunteering during paid working hours	19,600 hrs

Political Giving & Public Policy

Corteva Agriscience actively participates in policy-related dialogue pertaining to the environment and social factors that affect the lives of farmers, consumers, our operations, our employees, and the communities in which they live. When engaging in policy-related dialogue, Corteva always complies with U.S., federal, state, and local political campaign finance and election laws.

Corteva publicly discloses details on its U.S. Political Giving on its website.

U.S. Political Contributions	FY 2020	FY 2021	FY 2022
Lobbying, interest representation or similar	\$2,549,000	\$2,692,000	\$2,140,000
Local, regional, or national political campaigns/organizations/candidates	\$38,000	\$144,000	\$82,000
Trade associations or tax-exempt groups (e.g. think tanks)	\$1,015,000	\$769,000	\$917,000
Other (e.g. spending related to ballot measures or referendums)	\$0	\$0	\$0
Total contributions and other spending	\$3,602,000	\$3,606,000	\$3,139,000
Data coverage (as %, indicating the organizational scope of the reported data) % of Total Global Net Sales (Revenues)	50%	50%	50%

5

ESG Indexes



GRI Content Index

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 2: General Disclosures (2021)	2-1	Organization Details	Corteva, Inc. ("Corteva Agriscience" or "Corteva") Indianapolis, Indiana, United States	Sustainability Report
			Business Overview	Annual Report
			Geographic Information (F-64)	Website
			Country Selector	Annual Report
	2-2	Entities included in the organization's sustainability reporting	Item 1: Business	Annual Report
	2-3	Reporting period, frequency and contact point		
	2-4	Restatements of information	About This Report	Sustainability Report
	2-5	External assurance		
	2-6	Activities, value chain and other business relationships	Item 1. Business	Annual Report
			Business Overview	Sustainability Report
	2-7	Employees	Products and Services	Website
			Item 1. Business	Annual Report
	2-9	Governance structure and composition	Workforce Demographics	Sustainability Report
			Sustainability and ESG Governance	Sustainability Report
2-10	Nomination and selection of the highest governance body	Voting and Attendance Procedures, Corporate Governance, Board Committees, Board Composition	Proxy Statement	
		Corporate Governance	Proxy Statement	
2-11	Chair of the highest governance body	Corporate Governance Guidelines	Webpage	
		Corporate Governance Policies	Proxy Statement	

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 2: General Disclosures (2021)	2-12	Role of the highest governance body in overseeing the management of impacts	Board Composition	Proxy Statement
			Corporate Governance Policies	Sustainability Report
			Sustainability and ESG Governance	Sustainability Report
	2-13	Delegation of responsibility for managing impacts	Bylaws of Corteva, Inc.	Webpage
			Sustainability and ESG Governance	Sustainability Report
	2-14	Role of the highest governance body in sustainability reporting	Board of Directors and Board Committee ESG Governance	Sustainability Report
	2-15	Conflicts of interest	Related Person Transactions, Director Nominees, Compensation Committee Interlocks and Insider Participation	Proxy Statement
			Page 7	Corporate Governance Guidelines
			Page 1-8	Director Code of Conduct
			Page 16-17	Corteva Code of Conduct
	2-16	Communication of critical concerns	Page 1	Corteva Code of Financial Ethics
			Sustainability Values and Initiatives	Proxy Statement
	2-16	Communication of critical concerns	Information unavailable: while we have processes to address and resolve concerns with the Board of Directors, we do not tally and report a number of critical concerns	
	2-17	Collective knowledge of the highest governance body	Board Composition	
2-18	Collective knowledge of the highest governance body	Corporate Governance Policies		
2-19	Remuneration policies	Compensation Discussion & Analysis	Proxy Statement	
2-20	Process to determine remuneration	Compensation Discussion & Analysis		
2-21	Annual total compensation ratio	CEO Pay Ratio		
2-22	Statement on sustainable development strategy	Strategy Based on Sustainability	Sustainability Report	

GRI Standard	Disclosure Number	Disclosure Name	Source	Location	
GRI 2: General Disclosures (2021)	2-23	Policy commitments	UN Global Compact Commitment of Progress Corteva Code of Conduct	UN Global Compact COP Index 6-30, see 15 for our expectations for partners including suppliers	
	2-26	Mechanisms for seeking advice and raising concerns		31-32	
	2-28	Membership associations	External Initiatives, Memberships and Partnerships Stakeholder Engagement and Non-Financial ESG Materiality	Sustainability Report	
	2-29	Approach to stakeholder engagement	2022 Annual Report Engagement Future Agriculture Workforce	Item 1. Business Proxy Statement Position Statements	
	2-30	Collective bargaining agreements	2022 Annual Report	Item 1. Business	
	3-1	Process to determine non-financial material topics	Stakeholder Engagement and Non-Financial ESG		
	3-2	List of non-financial material topics	Materiality	Sustainability Report	
	3-3	Management of non-financial material topics	Precautionary Approach/UN Global Compact Principle 7		
	GRI 201: Economic Performance (2016)	201-1	Direct economic value generated and distributed	Item 1. Business	
		201-2	Financial implications and other risks & opportunities due to climate change	Item 1A. Risk Factors Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations	Annual Report
201-2		Financial implications and other risks & opportunities due to climate change	GHG Governance, Risk Management, and Performance	Sustainability Report	
GRI 203: Indirect Economic Impacts (2016)	103	Management Approach	Empowering and Enriching the Lives of Smallholders Engaging with Communities	Sustainability Report	
	203-2	Significant indirect economic impacts	Empowering and Enriching the Lives of Smallholders		

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 204: Procurement Practices (2016)	103	Management Approach	Supplier Sustainability and Diversity	Website
			ID&E Governance, Risk Management, and Performance	Sustainability Report
			Page 5, 12-13, 15-17, 26, 31-32; see page 15 page for our expectations for partners including suppliers	Corteva Code of Conduct
GRI 205: Anti-corruption (2016)	103	Management Approach	Page 2-3	Supplier Code of Conduct
	205-2	Communication and training about anti-corruption policies and procedures	Page 32-33	
	205-2	Communication and training about anti-corruption policies and procedures	Page 31-32	Corteva Code of Conduct
	205-2	Communication and training about anti-corruption policies and procedures	ID&E Governance, Risk Management, and Performance	Sustainability Report
GRI 206: Anti-competitive Behavior (2016)	103	Management Approach	Page 5-6	Director Code of Conduct
	103	Management Approach	12-19, 31-32; see page 15 page for our expectations for partners including suppliers	Corteva Code of Conduct
	103	Management Approach	Page 2-3	Supplier Code of Conduct
GRI 301: Materials (2016)	206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Item 3. Legal Proceedings	Annual Report
	103	Management Approach	Circular Economy	Sustainability Report
	301-1	Materials use by weight or volume		
GRI 302: Energy (2016)	301-3	Reclaimed products and their packaging materials	GHG Governance, Risk Management, and Performance	Sustainability Report
	103	Management Approach		
	302-1	Energy consumption within the organization	Scope 1 & 2 Emissions	
	103, 303-1, 303-2	Management Approach	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report
	303-3	Water Withdrawal	Water Stewardship	
	303-5	Water Consumption		

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 304: Biodiversity (2016)	103	Management Approach	Biodiversity Governance, Risk, and Opportunity Management	Sustainability Report
	304-3	Habitats protected or restored	Corteva Agriscience's Strategy Key Global Challenges Biodiversity Goal	
GRI 305: Emissions (2016)	103	Management Approach	Climate Biodiversity Circular Economy Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report
	103, 306-1, 306-2	Management Approach	Circular Economy	
	305-1	Direct (Scope 1) GHG Emissions	Scope 1 & 2 Emissions	
	305-2	Energy indirect (Scope 2) GHG emissions		
	305-3	Other indirect (Scope 3) GHG emissions	Scope 3 Emissions Circular Economy Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	
	305-4	GHG emissions intensity	Circular Economy	
	305-7	Nitrogen oxides, sulfur oxides, and other significant air emissions		
GRI 306: Waste (2020)	103, 306-1, 306-2	Management Approach	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance Circular Economy	Sustainability Report
	306-3	Waste generated in metric tons (hazardous, non-hazardous)	Circular Economy	
GRI 307: Environmental Compliance & 419: Socioeconomic Compliance (2016)	103	Management Approach	Page 6, 18, 19, 21-27 Page 1-2	Corteva Code of Conduct Supplier Code of Conduct
	307-1, 419-1	Non-compliance with laws and regulations in the social and economic area	Item 3. Legal Proceedings	Annual Report

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 308: Supplier Environmental Assessment & 414: Supplier Social Assessment (2016)	103	Management Approach	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report
	308-1	New suppliers that were screened using environmental criteria	Item 1. Business	Annual Report
	414-1	New suppliers that were screened using environmental criteria	ID&E Governance, Risk Management, and Performance	Sustainability Report
	103	Management Approach	ID&E Governance, Risk Management, and Performance	Sustainability Report
GRI 401: Employment (2016)	401-3	Parental Leave	Why Join Us: Parental Leave	Website
	403-1	Occupational health and safety management system	EHS&S Governance, Risk Management, and Performance	Sustainability Report
	103	Management Approach	EHS&S Governance, Risk Management, and Performance	Sustainability Report
GRI 403: Occupational Health and Safety (2018)	403-1	Occupational health and safety management system	EHS&S Governance, Risk Management, and Performance	Sustainability Report
	403-5	Worker training on employee health and safety	ID&E Governance, Risk Management, and Performance EHS&S Governance, Risk Management, and Performance	Sustainability Report
	403-6	Promotion of worker health	Why Join Us: Prospera Wellness Program	Website
	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Page 3	Supplier Code of Conduct
	403-8	Workers covered by an occupational health and safety management system	EHS&S Governance, Risk Management, and Performance	Sustainability Report
	403-9	Work-related incidents and frequency rates		
	103	Management Approach	Human Capital Management	Proxy Statement
GRI 404: Training and Education (2016)	404-1	Average hours of training per year per employee	ID&E Governance, Risk Management, and Performance	Sustainability Report
	404-2	Programs for upgrading employee skills and transition assistance programs	Human Capital Management	Proxy Statement
	103	Management Approach	Item 1. Business	Annual Report

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 405: Diversity and Equal Opportunity (2016)	103	Management Approach	Culture of Belonging ID&E Governance, Risk Management, and Performance Page 9	Website Sustainability Report Corteva Code of Conduct
	405-1	Diversity of governance bodies and employees	Board Composition, Director Nominees Workforce Demographics Page 2	Proxy Statement Sustainability Report Supplier Code of Conduct
GRI 406: Non-discrimination (2016)	103	Management Approach	Page 8-11; see page 15 page for our expectations for partners including suppliers	Corteva Code of Conduct
	406-1	Incidents of discrimination and corrective actions taken	ID&E Governance, Risk Management, and Performance Page 1	Sustainability Report Supplier Code of Conduct
GRI 408: Child Labor (2016)	103	Management Approach	Child and Forced Labor Page 8-11; see page 15 page for our expectations for partners including suppliers	Corteva Statement Corteva Code of Conduct
	408-1	Operations and suppliers at significant risk for incidents of child labor	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance ID&E Governance, Risk Management, and Performance Page 1	Sustainability Report Supplier Code of Conduct
GRI 409: Forced or Compulsory Labor (2016)	103	Management Approach	Child and Forced Labor Page 8-11; see page 15 page for our expectations for partners including suppliers	Corteva Statement Corteva Code of Conduct
	409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	ID&E Governance, Risk Management, and Performance	Sustainability Report

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 412: Human Rights Assessment (2016)	103	Management Approach	ID&E Governance, Risk Management, and Performance	Sustainability Report
			Engaging With Communities	
			Corteva Board Committees	
			Human Capital Management	
			Page 8-11; see page 15 page for our expectations for partners including suppliers	
412-2	Employee training on human rights policies or procedures	Supplier Code of Conduct	Proxy Statement	
		ID&E Governance, Risk Management, and Performance	Sustainability Report	
		Engaging With Communities	Code of Conduct	
413-1	Operations with local community engagement, impact assessments, and development programs	Page 29-30	Code of Conduct	
		Engaging With Communities	Sustainability Report	
GRI 415: Public Policy (2016)	103	Management Approach	Political Activities	Proxy Statement
			US Political Disclosures	Website
			Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report
415-1	Political contributions	U.S. Political Disclosures	Website	
		Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report	
GRI 416: Customer Health & Safety (2016)	103	Management Approach	Page 12, 18	Code of Conduct
			Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report
			Product Stewardship and Product Information	Website
416-1	Assessment of the health and safety impacts and services categories	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report	
		Product Stewardship and Product Information	Website	

GRI Standard	Disclosure Number	Disclosure Name	Source	Location
GRI 417: Marketing and Labeling (2016)	103	Management Approach	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report
			Anti-counterfeiting and Brand Protection	Website
			Corteva Code of Conduct	22-23; Webpage
GRI 418: Customer Privacy (2016)	417-1	Requirements for product and service information and labeling	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance	Sustainability Report
			Bringing transparency to regulatory safety data	Website
			Corteva Global Privacy Policy	Website
GRI 418: Customer Privacy (2016)	103	Management Approach	Corteva Global Privacy Policy	Website
			418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data

SASB Index

SASB Chemicals Sustainability Standard (2018) Code	Topic	Metric	Page of Reference/Response
RT-CH-110a.1	GHG Governance, Risk Management, and Performance	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	GHG Governance, Risk Management, and Performance
RT-CH-110a.2	Climate	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Climate, GHG Governance, Risk Management, and Performance
RT-CH-120a.1	Circular Economy	Air emissions of the following pollutants: (1) NOX (excluding N ₂ O)	Circular Economy
		Air emissions of the following pollutants: (2) SOX	
		Air emissions of the following pollutants: (3) volatile organic compounds (VOCs)	
		Air emissions of the following pollutants: (4) hazardous air pollutants (HAPs)	
RT-CH-140a.1	Water Stewardship	(1) Total water withdrawn	Water Stewardship
		(2) Total water consumed	
		Quantitative percentage of water withdrawn in regions with High or Extremely High Baseline Water Stress	
RT-CH-140a.2		Number of incidents of non-compliance associated with water quality permits, standards, and regulations	
RT-CH-140a.3		Description of water management risks and discussion of strategies and practices to mitigate those risks	
RT-CH-150a.1	Circular Economy	Amount of hazardous waste generated, percentage recycled	Circular Economy
RT-CH-210a.1	Engaging with Communities	Discussion of engagement processes to manage risks and opportunities associated with community interests	Engaging with Communities
RT-CH-320a.1	Safety Performance	(1) Total recordable incident rate (TRIR)	EHS&S Governance, Risk Management, and Performance
		(2) fatality rate for (a) direct employees	
RT-CH-320a.2		(2) fatality rate for (b) contract employees	
		Description of efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term (chronic) health risks	

SASB Chemicals Sustainability Standard (2018) Code	Topic	Metric	Page of Reference/Response
RT-CH-410a.1	Sustainably Advantaged New Crop Protection Product Revenue	Revenue from products designed for use-phase resource efficiency	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance
RT-CH-410b.1	Sustainable Innovation Product Stewardship Governance, Risk Management, and Performance	(1) Percentage of products that contain Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Category 1 and 2 Health and Environmental Hazardous Substances	While we conduct hazard assessments on required products, the requested information is confidential
		(2) Percentage of such products that have undergone a hazard assessment	While we conduct hazard assessments on required products, the requested information is confidential
RT-CH-410b.2		Discussion of strategy to (1) manage chemicals of concern	Sustainable Innovation and Product Stewardship Governance, Risk Management, and Performance
RT-CH-410c.1	Genetically Modified Organisms	Percentage of products by revenue that contain genetically modified organisms ("GMOs")	Corteva does not report the percentage of products by revenue that contain GMOs. Read our commitment to plant breeding transparency and discussion in our 2022 Annual Report (Regulation of GMOs)
RT-CH-530a.1	Political Giving and Public Policy	Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	Political Giving & Public Policy

SASB Chemicals Sustainability Standard (2018) Code	Topic	Metric	Page of Reference/Response
RT-CH-540a.1	Safety Performance	Process Safety Incidents Count (PSIC)	EHS&S Governance, Risk Management, and Performance
		Process Safety Total Incident Rate (PSTIR)	
		Process Safety Incident Severity Rate (PSISR)	
RT-CH-540a.2		Number of transport incidents	
RT-CH-000.A	Production by Reportable Segment		The requested metric is not an accurate representation of our production in aggregate; our net sales can be found in our sustainability report.

COP Index

Corteva Agriscience supports the principles of the UN Global Compact. The UNGC is the largest international sustainability initiative, supporting companies to:

1. Do business responsibly by aligning their strategies and operations with Ten Principles on human rights, labor, environment, and anti-corruption, and
2. Take strategic actions to advance broader societal goals, such as the UN SDGs, with an emphasis on collaboration and innovation.

UNGC Principles	Actions
Statement of support	
Statement by the chief executive expressing continued support for the Global Compact and renewing the participant’s ongoing commitment to the initiative and its principles	Letter of Commitment
Actions and measurement	
Principle 1: Business should support and respect the protection of internationally proclaimed human rights	<ul style="list-style-type: none"> • Code of Conduct • Supplier Code of Conduct • Supplier Sustainability and Diversity • Culture of Belonging
Principle 2: Make sure that they are not complicit in human rights abuses	<ul style="list-style-type: none"> • 2022 Sustainability Report <ul style="list-style-type: none"> - Non-discrimination and Harassment - Identifying & Assessing Human Rights Concerns - Product Stewardship Governance, Risk Management, and Performance - ID&E Governance, Risk Management, and Performance
Labor principles	
Principle 3: Business should uphold the freedom of association and the effective recognition of the right to collective bargaining	<ul style="list-style-type: none"> • Child and Forced Labor Policy • Culture of Belonging
Principle 4: The elimination of all forms of forced and compulsory labor	<ul style="list-style-type: none"> • Sustainability and Innovation Committee Charter (Pg. 2) • Corteva Employee Health and Wellness
Principle 5: The effective abolition of child labor	<ul style="list-style-type: none"> • 2023 Proxy Statement (pg. 14) • 2022 Sustainability Report
Principle 6: The elimination of discrimination in respect of employment and occupation	<ul style="list-style-type: none"> - EHS&S Governance, Risk Management, and Performance

COP Index

UNGC Principles (continued)	Actions
Environmental Principles	
Principle 7: Business should support a precautionary approach to environmental challenges	<ul style="list-style-type: none"> • Code of Conduct • Supplier Code of Conduct
Principle 8: Undertake initiatives to promote greater environmental responsibility	<ul style="list-style-type: none"> • 2022 Sustainability Report - Sustainable Innovation and Product Stewardship Governance
Principle 9: Encourage the development and diffusion of environmentally friendly technologies	<ul style="list-style-type: none"> - Precautionary Approach
Anti-corruption principles	
Principle 10: Business should work against corruption in all its forms, including extortion and bribery	<ul style="list-style-type: none"> • Code of Conduct • Supplier Code of Conduct • 2022 Sustainability Report - Employee Training and Development

TCFD Index

Topic	Recommended disclosures	Sustainability and ESG Report Reference
1. Governance: Disclosure of the organization's governance and climate-related risks and opportunities	Describe the Board's oversight of climate-related risks and opportunities	Pg. 37 - Board of Directors and Board Committee ESG Governance
	Describe management's role in assessing and managing climate-related risks and opportunities	Pg. 49 - GHG Governance
2. Strategy: Disclosure of the actual and potential impacts of climate-related risks and opportunities on the organization's business, strategy, and financial planning where such information is material.	Describe the climate-related risks and opportunities the organization has identified over the short-, medium-, and long-term.	Pg. 9 - Our Actions and Impact Pg. 11 - Our Advantaged Product Highlights
	Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	Pg. 20-22 - Sustainable Innovation Pg. 26 - Implementing Sustainable Emissions Reductions Pg. 48 - Green Chemistry Award Spotlight: Spinosad and Spinetoram Pg. 50 - Corteva's Climate Risk Assessment Journey Pg. 59 - Lowering Emissions Through Sustainable Practices and Partnerships Pg. 60 - Measuring the Environmental Life Cycle of our Products Pg. 62 - Nitrogen Stabilizer and Optimizers Pg. 63 - Drought and Heat Resiliency within our Value-chain Pg. 66 - Circular Economy Website - Corteva Carbon Initiative
	Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2 degree C or lower scenario.	
3. Risk Management: Disclosure of how the organization identifies, assesses, and manages climate-related risks.	Describe the organization's processes for identifying and assessing climate-related risks.	Pg. 50 - Climate Risks and Opportunity Management
	Describe the organization's processes for managing climate-related risks.	Pg. 52 - Physical Risks
	Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	Pg. 53 - Transitional Risks Pg. 60 - Enhancing the Quality of Scope 3 Accounting Standards Pg. 68 - Our Journey Towards Measuring GHG Reduction Benefits
4. Metrics and targets: Disclosure of the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.	Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	Pg. 26 - Climate
	Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 GHG emissions, and the related risks.	Pg. 58 - Scope 1 & 2 Emissions and GHG Intensity Ratio
	Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	Pg. 59 - Scope 3 Emissions

UN SDG Index

	Corteva Non-Financial Material ESG Topic	UN SDG
Sustainable Innovation	<ul style="list-style-type: none"> Ag Innovation Climate Adaptation/Resilience Climate Mitigation Water Use and Stewardship Product Responsibility Soil Health Biodiversity 	
Biodiversity	<ul style="list-style-type: none"> Biodiversity Soil Health 	
Engaging with Communities	<ul style="list-style-type: none"> Human Rights and Food Security Inclusion, Diversity and Equity Local Communities Supply Chain Responsibility Employee Engagement 	
Climate	<ul style="list-style-type: none"> Climate Adaptation/Resilience Climate Mitigation Ag Innovation 	
Inclusion, Diversity and Equity	<ul style="list-style-type: none"> Workplace Health and Safety Employee Engagement Inclusion, Diversity and Equity 	

About This Report

This 2022 Sustainability Report is Corteva Agriscience's third annual sustainability report. It serves as an update on the most important social and environmental sustainability topics as identified through Corteva and its external stakeholders' non-financial ESG materiality assessment.

Corteva sought internal and external stakeholder input to assess the non-financial materiality of relevant environmental and social topics and publicly disclosed those results. That stakeholder engagement informed the direction of the Company's current sustainability efforts. Corteva's sustainability topics translate the identified topics into actionable areas where the company can, through its business and practices, drive positive social and environmental progress consistent with the company's strategic objectives, scope, and scale and through the approach outlined in this report.

The following data and information cover the activities of Corteva globally, to the extent possible based on many factors such as enterprise systems or the practicality of capturing data. Where data is not available on a global basis or not provided for a selected entity, it is noted with the data presented. Additional activities related to environmental, social and governance topics that we consider "essential business practices" are discussed within this report where relevant.

Corteva engaged accredited third-party verifier SGS to complete limited external assurance on specific information within this Sustainability and ESG Report related to certain environmental

and social metrics. SGS is a world's leading inspection, verification, testing and certification company. A separate statement outlining the scope and results from this engagement is provided on our website. Certain additional reported data was compiled, evaluated or verified by third parties such as nonprofit partners. If a restatement is required, it is explained and noted in text and footnotes in the Sustainability and ESG Report or related data tables. Corteva reports annually in alignment with our fiscal year which ended December 31, 2022. The 2022 ESG and Sustainability Report was published on April 4, 2023.

For general questions regarding this report, contact sustainability@corteva.com

Investors with questions regarding Corteva should contact our Investor Relations team at **(302) 485-3400**

Reporting Frameworks & Additional References

While voluntary, the contents of this report are informed by the following frameworks:

- Global Reporting Initiative ("GRI") Standards for Sustainability Reporting
- Sustainability Accounting Standards Board ("SASB") Standard for the Chemical Sector
- The Task Force on Climate-related Financial Disclosures ("TCFD")
- The UN Global Compact Communication on Progress ("CoP")



¹ The non-financial materiality assessment identifies sustainability topics of relative importance or that are considered significant to internal and external stakeholders but is not aligned to any definition of materiality as outlined in securities law, the Occupational Safety and Health Act, or any other federal, state, local or foreign law, rule or regulation.

Cautionary Statement About Forward-Looking Statements

This communication contains certain forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended, which are intended to be covered by the safe harbor provisions for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995, and may be identified by their use of words like “targets”, “plans”, “expects”, “will”, “anticipates”, “believes”, “intends”, “projects”, “estimates”, or other words of similar meaning. All statements that address expectations or projections about the future, including statements about Corteva’s sustainability goals, emissions targets, inclusion and diversity representation goals, product development and innovations, regulatory approvals, and environmental matters, are forward-looking statements.

Forward-looking statements are based on certain assumptions and expectations of future events which may not be accurate or realized. Forward-looking statements also involve risks and uncertainties, many of which are beyond Corteva Agriscience's control. While the list of factors presented below is considered representative, no such list should be considered to be a complete statement of all potential risks and uncertainties. Unlisted factors may present significant additional obstacles to the realization of forward-looking statements. Consequences of material differences in results as compared with those anticipated in the forward-looking statements could include, among other things, business disruption, operational problems, financial loss, legal liability to third parties and similar risks, any of which could have a material adverse effect on Corteva’s business, results of operations and financial condition. Some of the important factors that could cause Corteva’s actual results to differ materially from those projected in any such forward-looking statements include: (i) failure to successfully develop and commercialize Corteva’s pipeline; (ii) failure to obtain or maintain the necessary regulatory approvals for some of Corteva’s products; (iii) effect of the degree of public understanding and acceptance or perceived public acceptance of Corteva’s biotechnology and other agricultural products; (iv) effect of changes in agricultural and related policies of governments and international organizations; (v) costs of complying with evolving regulatory requirements and the effect of actual or alleged violations of environmental laws or permit requirements; (vi) effect of climate change and unpredictable seasonal and weather factors; (vii) failure to comply with competition and antitrust laws; (viii) effect of competition in Corteva’s industry; (ix) competitor’s establishment of an intermediary platform for distribution of Corteva’s products; (x) impact of Corteva’s dependence on third parties with respect to certain of its raw materials or licenses and commercialization; (xi) effect of volatility in Corteva’s input costs; (xii) risk related to geopolitical and military conflict; (xiii) effect of industrial espionage and other disruptions to Corteva’s supply chain, information technology or network systems; (xiv) risks related to environmental litigation and the indemnification obligations of legacy EIDP liabilities in connection with separation of Corteva; (xv) risks related to Corteva’s global operations; (xvi) failure to effectively manage acquisitions, divestitures, alliances, restructurings, cost savings initiatives, and other portfolio actions; (xvii) failure to raise capital through the capital markets or short-term borrowings on terms acceptable to Corteva; (xviii) failure of Corteva’s customers to pay their debts to Corteva, including customer financing programs; (xix) increases in pension and other post-employment benefit plan funding obligations; (xx) capital markets sentiment towards ESG matters; (xxi) risks related to pandemics or epidemics; (xxii) Corteva’s intellectual property rights or defend against intellectual property claims asserted by others; (xxiii) effect of counterfeit products; (xxiv) Corteva’s dependence on intellectual property cross-license agreements; and (xxv) other risks related to the Separation from DowDuPont.

Additionally, there may be other risks and uncertainties that Corteva is unable to currently identify or that Corteva does not currently expect to have a material impact on its business. Where, in any forward-looking statement or other estimate, an expectation or belief as to future results or events is expressed, such expectation or belief is based on the current plans and expectations of Corteva’s management and expressed in good faith and believed to have a reasonable basis, but there can be no assurance that the expectation or belief will result or be achieved or accomplished. Corteva disclaims and does not undertake any obligation to update or revise any forward-looking statement, except as required by applicable law. A detailed discussion of some of the significant risks and uncertainties that may cause results and events to differ materially from such forward-looking statements is included in the “Risk Factors” section of Corteva’s Annual Report on Form 10-K, as modified by subsequent Quarterly Reports on Forms 10-Q and Current Reports on Form 8-K, filed with the SEC.

REGULATION G (NON-GAAP FINANCIAL MEASURE)

This report includes information that does not conform to U.S. GAAP and are considered non-GAAP measures. These measures include operating EBITDA. Management uses these measures internally for planning and forecasting, including allocating resources and evaluating incentive compensation. Management believes that these non-GAAP measures best reflect the ongoing performance of Corteva Agriscience during the periods presented and provide additional more relevant and meaningful information to investors as they provide insight with respect to ongoing operating results of the Company and a more useful comparison of year-over-year results. These non-GAAP measures supplement the Company's U.S. GAAP disclosures and should not be viewed as an alternative to U.S. GAAP measures of performance. Furthermore, such non-GAAP measures may not be consistent with similar measures provided or used by other companies. Reconciliations for these non-GAAP measures to U.S. GAAP are provided below.

Non-GAAP Calculation of Corteva Operating EBITDA

	Twelve Months Ended December 31, 2022 <i>(In millions)</i>
Income (loss) from continuing operations, net of tax (GAAP)	\$1,216
Provision for (benefit from) income taxes on continuing operations	210
Income (loss) from continuing operations, net of tax (GAAP)	\$1,426
+ Depreciation and Amortization	1,223
- Interest income	(124)
+ Interest expense	79
+ / - Exchange (gains) losses	229
+ / - Non-operating (benefits) costs	(111)
+ / - Mark-to-market (gains) losses on certain foreign currency contracts not designated as hedges	-
+ / - Significant items (benefit) charge	502
Corteva Operating EBITDA (Non-GAAP)¹	\$3,224

¹ Operating EBITDA is defined as earnings (loss) (i.e., income (loss) from continuing operations before income taxes) before interest, depreciation, amortization, non-operating benefits (costs), foreign exchange gains (losses), and net unrealized gain or loss from mark-to-market activity for certain foreign currency derivative instruments that do not qualify for hedge accounting, excluding the impact of significant items. Non-operating benefits (costs) consists of non-operating pension and OPEB credits (costs), tax indemnification adjustments, and environmental remediation and legal costs associated with legacy businesses and sites. Tax indemnification adjustments relate to changes in indemnification balances, as a result of the application of the terms of the Tax Matters Agreement, between Corteva and Dow and/or DuPont that are recorded by the company as pre-tax income or expense. Net unrealized gain or loss from mark-to-market activity for certain foreign currency derivative instruments that do not qualify for hedge accounting represents the non-cash net gain (loss) from changes in fair value of certain undesignated foreign currency derivative contracts. Upon settlement, which is within the same calendar year of execution of the contract, the realized gain (loss) from the changes in fair value of the non-qualified foreign currency derivative contracts will be reported in the relevant non-GAAP financial measures, allowing quarterly results to reflect the economic effects of the foreign currency derivative contracts without the resulting unrealized mark to fair value volatility.



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