



SUSTAINABILITY REPORT 2020 **IN IT FOR GOOD.**



CORTEVA™
agriscience

| KEEP GROWING.

Contents



INTRODUCTION

- 04** About This Report
- 05** Message from CEO
- 06** Message from CSO
- 08** Our Vision
- 10** Our Goals



OUR BUSINESS

- 12** Company Highlights
- 13** Business Overview



OUR JOURNEY

- 17** Sustainability Strategy
- 18** Inclusion, Diversity and Equity (ID&E) Strategy
- 19** Milestones on Our Journey
- 21** Announcement: Enterprise Climate Strategy Goal



OUR GOALS

- 24** For Farmers
- 39** For the Land
- 51** In Our Communities
- 65** In Our Operations
- 78** Inclusion, Diversity and Equity



DATA REPORTING

- 85** 2030 Sustainability Goals Baselines and Targets



APPENDICES

- 88** 2020 GRI Content Index
- 97** 2020 SASB Disclosures
- 99** 2020 TCFD Disclosures
- 103** Additional ESG Information
- 117** Additional References



This communication 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," "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, climate targets, inclusion, diversity and equity 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.



INTRODUCTION

IN IT FOR GOOD.



About this Report

The 2020 Sustainability Report is Corteva, Inc.'s ("Corteva Agriscience" or "Corteva" or "the company") inaugural sustainability report. The report reflects the company's performance for the calendar year ending December 31, 2020. Previously the Agriculture Division of DowDuPont, Corteva was spun out to become an independent public company in June 2019, and its sustainability goals for its owned and controlled operations were publicly announced in June 2020. This is the company's first sustainability report, which is for fiscal year 2020, its first full fiscal year as an independent company. Therefore, there are no other prior reports, no restatements or any changes in reporting necessary. Corteva plans to issue a report annually.

This report serves as an update on the most important social and

environmental sustainability topics as identified through Corteva and its external stakeholders' [non-financial materiality assessment](#)¹ conducted in 2018-2019. Corteva sought internal and external stakeholder input to assess the non-financial materiality of relevant environmental and social topics ("sustainability topics"), and publicly disclosed those results. That stakeholder engagement informed the development of the company's sustainability goals.

Corteva's sustainability goals translate the identified sustainability topics into actionable areas where the company can, through its business and practices, drive positive social and environmental progress consistent with strategic objectives, scope and scale. The sustainability topics addressed within the report are listed within the Appendix. Additional

activities relating to environmental, social, and governance topics that we consider "essential business practice", such as inclusion, diversity and equity ("ID&E"), are discussed within this report where relevant.

This report has been prepared in accordance with the GRI Standards: Core option. Corteva did not employ an external agency or organization to audit this sustainability report. However, certain reported data was compiled, evaluated or verified by third parties such as nonprofit partners. For those environmental metrics which may be audited or assured by a third party, a separate statement outlining the scope and results will be provided [here](#).

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

REPORTING FRAMEWORKS & ADDITIONAL REFERENCES

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

- The [Global Reporting Initiative](#) (GRI) GRI Standards for Sustainability Reporting
- The [Sustainability Accounting Standards Board](#) (SASB) standard for the Chemical Sector
- The [Financial Stability Board Task Force on Climate-related Financial Disclosures](#) (TCFD)

Additional reference materials can be found here:

- Read [Corteva's 2018-2019 Sustainability Non-Financial Materiality Assessment](#)¹
- Read [Corteva's 2030 Sustainability Goals](#)
- Read [Corteva's 2020 Annual Report](#)
- Read [Corteva's 2021 Proxy Statement](#)

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 Health and Safety Act, or any other federal, state, local or foreign law, rule or regulation.



Message from Jim Collins, CEO

At Corteva Agriscience, we are focused on making agriculture more productive, resilient, and sustainable.



Jim Collins
Chief Executive Officer
Corteva Agriscience

[Watch video](#)

For us, sustainability means ensuring the resilience of our global food production system—economically, environmentally, and socially—today and for generations to come. It's central to how we work at Corteva and integral to achieving our purpose. It's embedded in every facet of our business. Even our name is derived from the words "heart" and "nature."

In 2020, we achieved a significant milestone on our strategic journey. We announced 14 ambitious, industry-leading sustainability goals that we will achieve globally by 2030. They reflect our company's size and scope, total focus on agriculture, and deep on-farm relationships. This public commitment represents the bold agriculture model we introduced to the world when our company was launched—one that prioritizes advancing sustainability for farmers, for the land, for our communities and in our operations.

Our 10-year sustainability goals include commitments to provide tools and training for farmers to increase yield stability, optimize inputs, and improve climate resilience. We've pledged to improve soil health, advance water stewardship, and enhance biodiversity. We've committed to championing and protecting people throughout the food system and the broader agriculture community. Additionally, we've promised



to increase the sustainability of our operations and the solutions we provide to farmers. This report outlines these goals in more detail and shows the steps we've already taken to achieve them.

Through these efforts, we are increasing trust with customers, key stakeholders and consumers. Consumers increasingly want to know where their food comes from and how it's produced.

Our commitments also put us in a position to better anticipate and react to economic, social, environmental, and regulatory changes as they arise, while helping our customers do the same.

Embedded sustainability efforts support our and our customers' freedom to operate and grow quality food crops.

Finally, we know that sustainability can drive product sales, increase business growth, and open new markets for our customers and for us. By expanding the solutions we offer, we give farmers and consumers more choices.

Through our goals, we are holding ourselves accountable to continue to bring forward sustainable innovation that enables customer productivity and profitability. In fact, those objectives can, and must, merge if we are to tackle the challenge of food security and meet the needs of our growing global population.

At the same time, we remain focused on addressing opportunities in climate adaptation, resilience, and mitigation—working within our company, as well as across our industry and beyond. In addition, we continue to collaborate and engage with consumers, nonprofits, regulatory bodies, and our industry to advance progress globally.

In 2020, the world experienced change in every facet of our lives. Our commitment to sustainability remained unchanged. Looking forward, we have the opportunity to shape the future of agriculture—enriching the lives of those who produce and those who consume, ensuring progress for generations to come.



Message from Anne Alonzo, CSO

Taking Bold Steps to Meet a Growing Challenge



Anne Alonzo
Senior Vice President, External Affairs
and Chief Sustainability Officer
Corteva Agriscience

Anne Alonzo joined Corteva Agriscience in early 2020, against the backdrop of a global pandemic and quickly advanced Corteva's sustainability efforts. She recently shared her insights on the impact our goals will have on farmers, our business, and our ability to increase the resilience of the global food system.

Q: *One year ago, Corteva launched ambitious sustainability goals during the COVID-19 pandemic. Why did the company take such a bold step during a challenging time?*

A: The work of creating our sustainability goals was already well underway prior to 2020. Truly, there was no better time to commit to protecting and preserving the source of our food, and helping our communities thrive.

Our Enriching Lives Together Sustainability Strategy reflects our purpose and public commitment to advancing sustainability for farmers, for the land, in our communities, and in our operations. It was a bold step to address our changing climate, social equity, and efforts to meet the needs of our growing population. Our sustainability goals provide a very clear prescription on our path forward to achieve success.

Q: *Corteva's goals are ambitious and wide-reaching. How will this effort impact Corteva's global businesses and employees?*

A: Our sustainability goals touch every aspect of Corteva's business, uplifting not only our operations but also the solutions we provide our customers. We have made a 10-year commitment to innovate sustainably, building on the strength of our R&D capabilities and advantages and six Green Chemistry awards.

We are looking inward, increasing the sustainability of our operations around the world by setting our own internal climate strategy that will allow us to manage and reduce the greenhouse gas emissions in our operations, and require all of our packaging to be reusable or recyclable.

For our customers, we are committed to providing innovative products which build trust and reduce their risk as they tackle the impacts of our changing climate. We expect that every new product we develop will meet our

sustainability criteria by 2025—sooner than our other goals due to the critical nature of this work and the needs of our farmers.

At Corteva, we are focused 100% on agriculture and our employees are passionate about sustainability. Employee-led committees developed these goals, reflecting the passion and expertise of our people to enrich the lives of those who produce and those who consume.

Q: *Corteva's goals stretch to 2030. What will be the company's biggest challenges in meeting those goals?*

A: The agriculture industry is ever-changing with a new set of uncertainties each planting season—including weather, markets, societal demands and consumer preferences. We will need to become more nimble, more observant, and more bold in our actions to meet these growing challenges.

While many of these issues are beyond our control, we have taken some



innovative steps to address those areas where we can have an impact through and beyond our business. Through our [Climate Positive Commitment](#), we have launched a Climate Positive Leaders Program to recognize those early adopter farmers around the world who have successfully implemented sustainable on-farm practices, incentivizing them to share their stories so that more farmers can learn from their experiences. Within the customer-facing digital business, we have also launched a [Carbon and Ecosystems Services Portfolio](#), easing the path to profitability for farmers adopting climate positive practices. We are eliminating market barriers and partnering with others around the world to speed up adoption of systems that reduce on-farm emissions.

We continue to make progress towards our goals. However, we will need to embrace the world's rapid pace of change, build stronger alliances, work more closely with partners, transparently accelerate our own work, and anticipate the needs of our farmers.

Q: *Looking ahead five to 10 years, what will success look like for Corteva?*

A: Success means Corteva will have played a role making climate positive agriculture more productive, environmentally beneficial and also more profitable. We will work with farmers and other stakeholders in the food supply chain around the world to impactfully reduce the amount of

greenhouse gas emissions generated from agriculture activities. In addition, we will advance water stewardship through improved nitrogen use efficiency, and enhance biodiversity through sustainable land management practices and habitat conservation.

Our sustainability goals also strive to uplift and protect people throughout the food system, and the broader agriculture community. We are working to uplift our customers and colleagues, engaging communities, empowering women, and enabling youth around the world. For example, by striving to increase the productivity, incomes and sustainable farming practices of 500 million smallholder farmers, we expect to make a measurable impact on the high levels of food insecurity in Asia and Sub-Saharan Africa. Our efforts to provide training to 25 million farmers on soil health, nutrient and water stewardship and productivity best practices will enhance the production of healthy, nutritious food around the world.

Through our efforts to achieve our sustainability goals, we will strengthen our relationships—with our farmers, our partners, the agriculture industry, stakeholders in the food supply chain, and consumers who rely on all of us. We will keep a keen farmer-first mindset toward important issues including climate change, social equity, and the need for agricultural innovation, as we continue to support our farmers on our shared sustainability journey.





Our Vision for a Sustainable Future

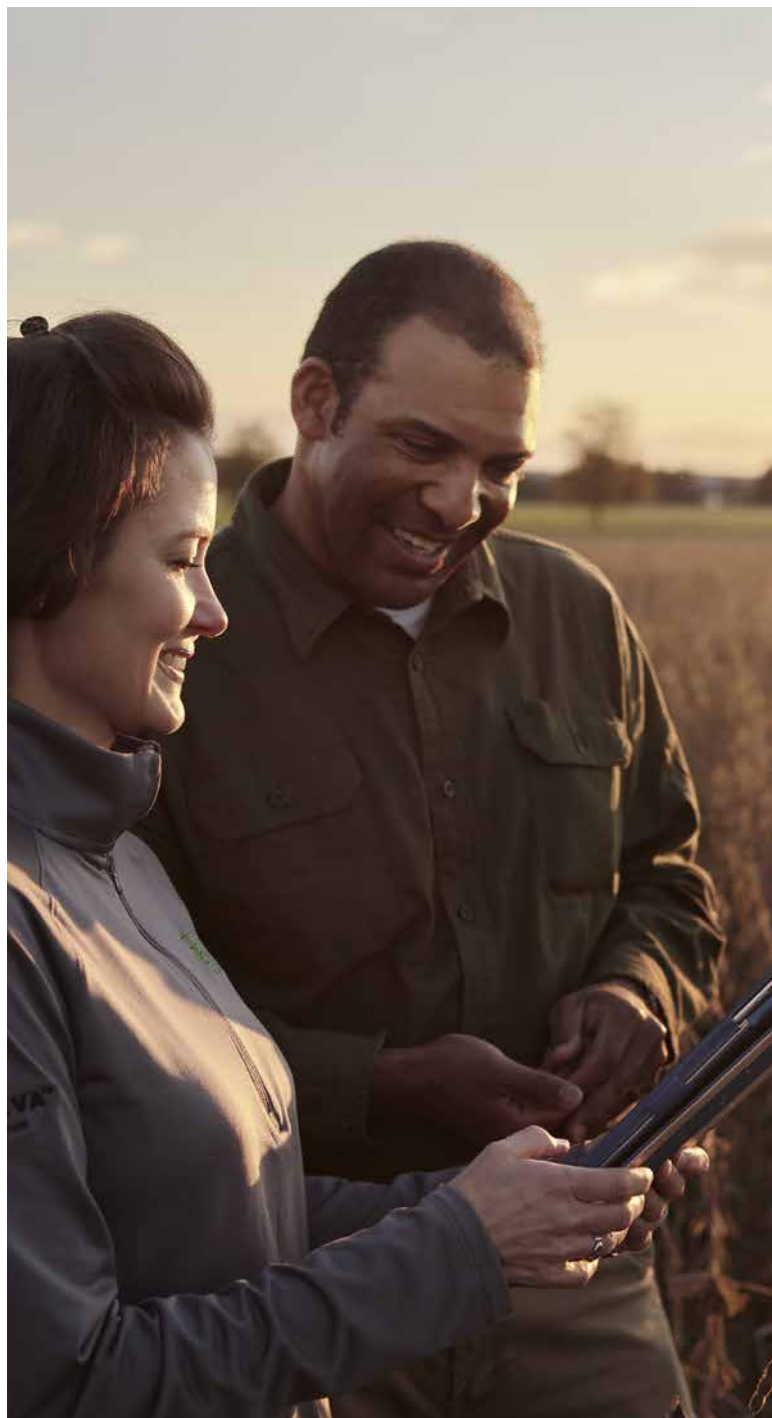
At Corteva Agriscience, sustainability is built into who we are and what we do. We aim to bring sustainability to life by addressing the needs of a growing world through our balanced and diverse portfolio of technologies. Like the farmers we serve, we care deeply for the health and wellbeing of our natural environment, so much so that Teva, which means nature, is incorporated in our name. We bring our global presence, deep knowledge and diverse resources so that farms can flourish, moving our world forward.

In 2020, we made a bold commitment—announcing a slate of 2030 sustainability goals in four pillars: for farmers, for the land, in our communities and in our operations. We aim to build a more resilient global food production system—one that is less vulnerable to future uncertainties. Our commitment to sustainability emerges from our purpose: to enrich the lives of those who produce and those who consume, ensuring progress for generations to come. That dedication is woven into everything we do for farmers, communities, consumers and the planet.



We embrace sustainable innovation, which enables customer productivity and profitability—outcomes that are foundational to our competitive advantage. We are developing and launching new technologies focused on increasing yield, optimizing inputs and driving resilience inside the farm gate. At the same time, we continue to collaborate and engage with consumers, nonprofits, regulatory bodies and our industry to advance sustainable agriculture globally. We are also working to increase the sustainability of our operations.

By scaling our science-based solutions through industry-leading R&D capabilities and processes, and with on-the-ground collaborations across the globe including certain [Open Innovation](#) collaborations, we are working to meet the needs of a growing population, while also protecting and restoring our natural resources and ecosystems. And we do this while seeking greater inclusion, equity, and justice for people in the communities we serve.



OUR VALUES

Six values guide us in everything we do as a company.



ENRICH LIVES

We commit to enhancing lives and the land. As leaders, we pursue a purpose which goes beyond our immediate interests to benefit society.



STAND TALL

We are leaders who act boldly. We accept the challenges that confront our industry as our own and will step up to ensure that agriculture progresses and thrives.



BE CURIOUS

We innovate relentlessly. We accelerate our pace of innovation to create solutions that will deliver abundant high-quality food, now and for the future.



BUILD TOGETHER

We grow by working together. We embrace diversity and collaboration in order to build one company and reach out across the food system, creating shared value.



BE UPSTANDING

We always do what's right, maintaining high ethical standards and conducting business safely and transparently.



LIVE SAFELY

We embrace safety and the environment in all we do.



Our 2030 Sustainability Goals

Our 2030 sustainability goals span across the globe and across our entire business. As this report reflects, we have grouped our goals into four pillars. We're applying the passion and expertise of our people to the areas where Corteva Agriscience can have the greatest impact, through our people, products, and partnerships, to better the lives of **farmers**, protect **land** and natural resources, improve **communities**, and increase the positive impact of our global **operations**.

IN IT FOR FARMERS



In It for Farmers focuses on enriching the lives of people at the heart of our food system. Our 10-year commitment includes providing tools and training for farmers to improve their livelihoods and operations, while conserving resources and sustaining the land.

- Provide farmer training
- Enrich smallholder livelihoods
- Enable farming resilience

IN IT FOR THE LAND



In It for the Land zeroes in on protecting the land, crop yields, and the long-term success of the agriculture industry.

- Improve on-farm soil health
- Advance on-farm water stewardship
- Enhance biodiversity

IN IT FOR OUR COMMUNITIES



In It for Our Communities is dedicated to uplifting and protecting people throughout the food system and the broader agriculture community.

- Protect health and safety
- Engage with communities
- Volunteer our time
- Increase supply chain transparency

IN IT FOR OUR OPERATIONS



In It for Our Operations focuses on increasing sustainability in our own operations and in the solutions we provide to farmers.

- Innovate sustainably
- Reduce our GHG emissions
- Use reusable and recyclable packaging
- Operate sustainably

Our ID&E Goals: We're also advancing our commitment to inclusion, diversity and equity.



OUR BUSINESS

IN IT FOR GOOD.



Company Overview and Highlights



1. Organic Sales and Operating EBITDA are non-GAAP measures. See [page 117](#) of the Appendix ("Regulation G (Non-GAAP Financial Measures)") of this document for further discussion. 2. Full year 2019 results are on a pro forma basis and were determined in accordance with Article 11 of Reg S-X, that was in effect prior to recent amendments. 3. North America is defined as the U.S. and Canada.

This communication 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," "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 climate targets, 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.

See [page 121](#) for full cautionary statement about forward-looking statements. More information can be found at www.corteva.com.

Corteva Agriscience came to life in 2019 as the world's leading U.S.-based company completely dedicated to agriculture. With this defined focus, we create value for all of our stakeholders by helping farmers improve their yield and profitability, contributing to a healthier, more secure and sustainable global food supply.

Our commitment to sustainability is a fundamental operating principle for our organization. The combination of our superior portfolio of seed and crop protection products, unparalleled agronomic expertise, and focused digital capabilities enables our highly diverse, global customer base to achieve their business objectives while

also using fewer resources and helping to protect the planet.

As we focus on bringing to market a steady stream of innovation that drives climate resilience inside the farm gate, we are dedicated to collaborating with consumers, nonprofits, regulatory bodies, and our industry to advance progress across critical areas such as improving soil health and biodiversity as well as increasing access to these technologies for farming communities worldwide.

Taken together, our efforts enable us to work towards creating an agricultural ecosystem that supports people, progress, and the planet.

In 2020, Corteva delivered net sales of \$14.2 billion and organic¹ sales of \$15.0 billion, representing an increase of 3% and 8%, respectively.

Amounts in millions, except number of employees	2020	2019
Net Sales	\$ 14,217	\$ 13,846
Income from Continuing Operations after Tax ²	\$ 756	\$ 26
Operating EBITDA ^{1,2}	\$ 2,087	\$ 1,987
Cost of Goods Sold	\$ 8,507	\$ 8,575
Approximate Number of Employees	21,000	21,000

2020 Net Sales: \$14,217

(Dollars in millions)

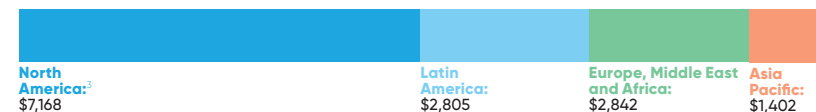
2020 Net Sales by Segment

(Dollars in millions)



2020 Net Sales by Region

(Dollars in millions)





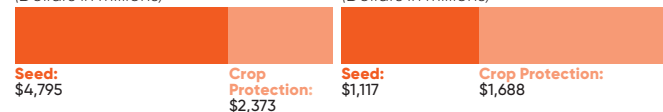
Business Overview

Corteva Agriscience is a pure-play agriculture company with the most complete portfolio in the industry, including a balanced and diverse mix of seed and crop protection technologies, underpinned by industry-leading capabilities, including digital, precision agriculture and crop nutrition technology. Corteva operates at a global scale with local expertise, backed by a comprehensive route to market.

The Company's portfolio is comprised of two segments, Seed and Crop Protection.

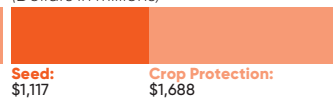
North America:²

(Dollars in millions)



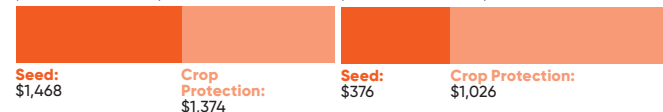
Latin America:

(Dollars in millions)



Europe, Middle East and Africa:

(Dollars in millions)



Asia Pacific:

(Dollars in millions)



Business Highlights

~14.2B

2020 Global
Net Sales

\$2.1B

2020 Global
Operating
EBITDA¹

~21K

Employees

100+

Crops

65+

Active
Ingredients

~140

Countries

~100

Production
and Mfg.
Facilities

150+

R&D
Facilities

10M+

Customers

1. Organic Sales and Operating EBITDA are non-GAAP measures. See [page 117](#) of the Appendix of this document for further discussion. 2. North America is defined as the U.S. and Canada.



In Seed

Our differentiated technology position, coupled with our comprehensive routes to market, enables Corteva Agriscience to collaborate closely with customers and society, creating demand for new products. Combined with our advantages in advanced breeding that drive genetic gain through proprietary technology, we continue to strengthen this leading position.

Key recent Seed technology launches such as Qrome® and PowerCore® ULTRA corn products, and Enlist E3™ soybeans, represent clear examples of our innovation and launch engine at work.



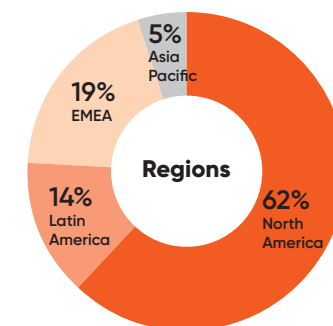
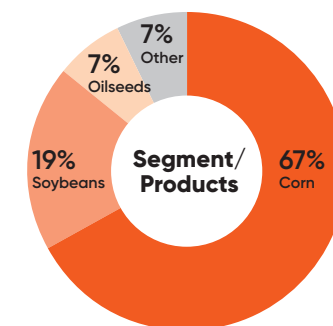
Enlist E3™ soybeans offer growers a superior weed management system. We have seen exceptionally strong demand in the marketplace for this important technology. In fact, the ramp-up of Enlist E3™ soybeans represents the first time in almost three decades that growers have a scalable weed-management alternative. Another critical part of this journey is the introgression of the Enlist trait into our best-in-class genetics—providing a solid proof point of progress on our path toward trait independence.

Qrome® products are another great example where we talk about the power of our germplasm and traits coming together for superior yield from above- and below-ground insect protection. We expect Qrome® products to reach near full penetration this year in our triple offering as we move away from prior-generation products.

Corteva has made notable adjustments to its comprehensive route to market approach globally for Seed, by implementing our

multi-brand, multi-channel strategy. In the United States, this strategy resulted in a realignment of Corteva's regional seed brands in 2019, creating five focused regional brands. More recently, we have taken steps to expand our retail channel position with Brevant—increasing its penetration in this key market, further enabling Corteva to provide even greater choice and value to farmers.

Seed Portfolio (\$7.8 billion)



1. The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience LLC and M.S. Technologies L.L.C.



In Crop Protection

Corteva Agriscience is creating advantages for customers through its industry leading product portfolio of weed-control, insect-control and disease-management solutions, with technologies targeted at addressing agriculture challenges, such as weed resistance, all while maximizing our natural resources through advanced technology and chemistry solutions with favorable sustainability attributes. Through its Crop Protection portfolio and pipeline, we continue to not only bring new modes of action to the market—but also, Corteva is innovating for durability of solutions and improved regulatory or environmental profile.

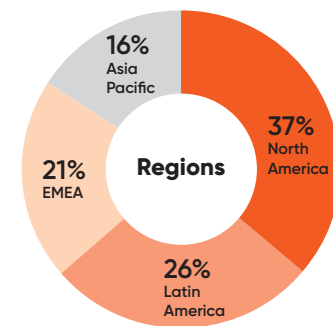
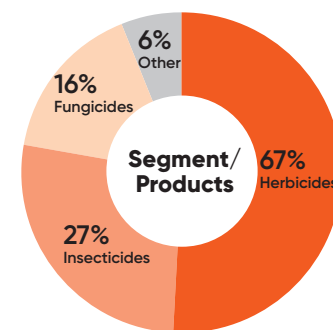
Corteva has been consistently recognized for leadership in developing and delivering superior solutions using Green Chemistry principles—a reputation that builds from a strong heritage of sustainable innovation. In fact, we have been awarded the U.S. EPA Presidential Green Chemistry Challenge Award more times than any of its agriculture industry competitors. Within its Crop Protection portfolio, new products made from Corteva's active ingredients such as Rinskor™ and Arylex™ herbicides, Pyraxalt™ and Isoclast™ insecticides and Inatreq™ fungicide are providing farmers important control over damaging pests through technologies that combine favorable profiles and lower use rates. Its differentiated solutions

such as its Qalcova™ and Jemvelva™ insecticides in its spinosyns portfolio, provide naturally derived insect-control technology—with Jemvelva™ a leading insect-management solution in the organic market. Our differentiated Optinyte™ nitrogen stabilizer technology for crop nutrition helps to keep nitrogen in the root zone longer, ready for crop uptake—reducing denitrification and decreasing the amount of greenhouse gases released into the atmosphere.

Today, Corteva is a leader in small molecule natural products. As we focus on expanding our portfolio of technologies that apply Green Chemistry principles, we are further leveraging our Crop Protection strengths and know-how to grow

our position in the biologicals market. Since becoming an independent company, Corteva has announced five collaboration agreements with leading innovators in the biologicals sector. Through this expanded technology access, we aim to further accelerate the pace of innovation and existing leadership position in this high-value sector to meet the increasing market demand for naturally derived products. Taken together with a diverse and balanced portfolio of new and differentiated Crop Protection technologies, these agreements are expected to provide a complementary portfolio of sustainable solutions to help farmers address pressing crop protection challenges.

Crop Protection Portfolio (\$6.5 billion)





OUR JOURNEY

IN IT FOR GOOD.



"From our product pipeline to our farmer and consumer engagement, sustainability is not just part of our business. Sustainability is fundamental. Sustainability is built into our DNA."

— Anne Alonzo
Senior Vice President, External Affairs
and Chief Sustainability Officer
Corteva Agriscience

Enriching Lives Together Sustainability Strategy

Our 2030 sustainability goals reinforce our commitment to enrich lives and our planet. They keep us accountable to fulfilling our promise through our core operations and capabilities—by contributing to a measurably more resilient global food production system—at a bold and ambitious level.

In establishing these goals, we incorporated the three building blocks of sustainability: environmental, economic, and social. The environmental piece is about conserving resources and strengthening the land. The economic element refers to the success of farms as measured by income and productivity. And the social aspect is

about lifting up and safeguarding people in the communities where we live and work. Our approach to sustainability gives each building block equal importance.

Additionally, we looked to the United Nations Sustainable Development Goals (SDGs), to ensure that our goals, our expertise and our business would create meaningful and measurable progress on our most pressing global challenges. The SDGs where we will have the most positive impact are: zero hunger; clean water and sanitation; responsible consumption and production; climate action; and life on land.



Because of the importance of sustainability at Corteva Agriscience, oversight is provided at the Board of Directors level via the Sustainability, Safety and Innovation Committee, which is entirely comprised of independent board members. Responsibility for the strategy is delegated to the Chief Sustainability Officer. [Read more](#) about sustainability governance at Corteva.



Advancing Our Commitment to Inclusion, Diversity, and Equity

At Corteva Agriscience, we firmly embrace the power of inclusion, diversity, and equity (ID&E) to enrich the lives of our employees, and strengthen the performance of our company, while advancing equity in agriculture. Because of their importance at Corteva, oversight of leadership pipeline and ID&E efforts is provided at the Board of Directors level by the People & Compensation Committee, which is entirely comprised of independent board members. Responsibility for the strategy is delegated to the Chief Human Resources and Diversity Officer.

In 2020, we built upon our strong foundation by further defining our ID&E vision and strategy. Our executive and senior leadership teams hosted a series of listening sessions with our employees on questions of ID&E. We took the perspectives and insights gained from

these sessions and used them to enhance our strategy, identifying concrete actions to help us become a more inclusive, diverse, and equitable workplace.

We believe in the power of an inclusive workforce and supply chain to enable us to deliver innovative solutions to best serve our global customers—and in March 2021, we publicly announced [commitments](#) to advance our ID&E journey. We identified specific initiatives that would contribute to a culture of belonging, set five-year diverse representation targets across the organization, and continued to explore opportunities to collaborate with customers, farmers, suppliers, and other industry stakeholders to address equity issues in agriculture.





Prioritizing Our People and Delivering on Our Purpose

We are proud of the resilience Corteva Agriscience has shown through 2020, supported by our focus on prioritizing our people and delivering on our purpose.

We took immediate action to protect the [health and safety](#) of our employees and keep our supply chains running without interruption.

Additionally, we took action in communities across the globe, by providing support for food security, donating personal protective equipment (PPE), and addressing a variety of local needs. At the same time, we put our innovation assets to work. In Iowa, we increased crucial access to COVID-19 testing through our partnerships with the [MercyOne](#) hospital system.

[Learn more](#) about our COVID-19 response.



Milestones on Our Journey

When we came together as Corteva Agriscience, we made a promise to put our guiding value of Enriching Lives squarely on center stage. We have followed a rigorous process to develop goals that prioritize sustainability as part of our business strategy and ID&E as a contributor to our company's performance.

"This announcement marks the culmination of countless hours of work from many cross-functional teams that built the pillars and the goals that will change the face of agriculture, and will enable us to do our part in building a better tomorrow."

— Jim Collins
Chief Executive Officer
Corteva Agriscience

TIMELINE

2019

A comprehensive non-financial materiality assessment¹ is completed, spanning every business and geographic region as well as supporting operational areas. Committees made up of employees across the company began to translate resulting topics into company-wide goals.

Corteva became an independent, pure-play agriculture company in June.

A new data system is built to capture operational environmental data.

2020

Committees gather and assess input from internal and external stakeholders, including business leaders, farmers, nonprofits, collaborators and other key stakeholders.

We announce our 2030 sustainability goals on the first anniversary of Corteva's formation.

We complete development of our inclusion, diversity, and equity (ID&E) goals.

2021

We announce Corteva's inaugural ID&E strategy and goals.

After greenhouse gas (GHG) emissions baselines are gathered, the company establishes our [2030 GHG goals](#), which are being released with this report.

We publish Corteva's first sustainability report.

¹The 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 Health and Safety Act, or any other federal, state, local or foreign law, rule or regulation.



Announcing our new 2030 Climate Strategy Goal

We're making science-based commitments to join leaders in climate action and become a more carbon-efficient business.



At Corteva Agriscience, we're building on the strong history of our legacy companies to reduce our environmental footprint and to be good stewards of the resources we use. It is good for the planet and good for our business to be energy and resource-efficient, especially considering the size and scale of our global operations. We recognize that climate change affects us all, including our farmer customers. The need to take action now—in a meaningful way that is right for our business—is critical. That's why we are proud to announce our commitment to set Science Based Targets for our emission reductions.

Our 2030 commitments include:

- **65 percent intensity reduction for scope 1 and 2 emissions**
- **20 percent intensity reduction for scope 3 emissions**

Intensity reductions reflect emissions relative to the intensity of our business activities, a figure derived from projected revenue. These metrics are indexed relative to company growth.

These targets reflect what advanced scientific calculations indicate we need to achieve to create meaningful impact.

We expect to achieve this goal through a variety of initiatives in our operations, including taking steps to reduce energy usage, focus efforts in R&D, increase production efficiencies, and transition to renewable energy sources.

Through this commitment, we are aligning our emissions reduction goals with the scale and impact of our business—joining the effort to limit global warming to 1.5°C above pre-industrial levels, the level set in the Paris Agreement. It is further evidence of our desire to drive action within our company and within the agriculture industry. We stand with farmers in this effort.

Our next step is to validate our targets with [Science Based Targets Initiative \(SBTi\)](#). We will report our progress with respect to these targets annually.

While this is a new commitment, our efforts to address climate issues are not. We are advancing climate initiatives and providing digital tools, seed technology, and crop protection products that work together to help farmers reduce greenhouse gas emissions in their operations.

[See more](#) about our commitment.



OUR GOALS

IN IT FOR GOOD.



Our Pillars

IN IT FOR FARMERS

Our 10-year commitments include providing tools and training to farmers to improve their livelihoods and operations, while conserving resources and sustaining the land.



IN IT FOR THE LAND

We're committed to improving soil health which will safeguard ag production, advance water stewardship, and enhance biodiversity.



IN IT FOR OUR COMMUNITIES

We're making commitments to uplift and protect people throughout the food system and the broader agriculture community.



IN IT FOR OUR OPERATIONS

We're committed to increasing the sustainability of our operations and the solutions we provide to customers.



We're also advancing our commitment to inclusion, diversity and equity.



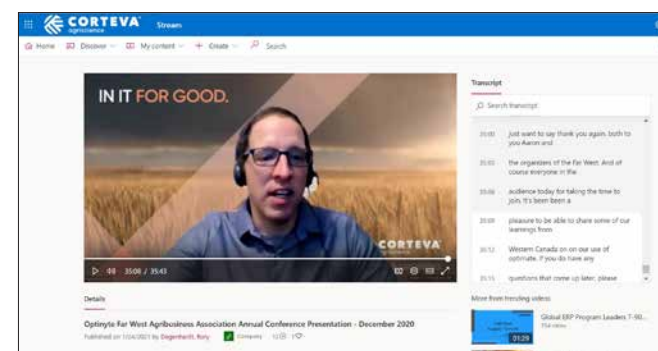
THE GOAL

Provide training to 25 million farmers on soil health, nutrient and water stewardship, and productivity best practices by 2030

We are helping farmers incorporate the latest advances and technology into their daily operations. Across the world and all product portfolios, our experienced Corteva Agriscience agronomy, product, sales and R&D team members provide a variety of educational opportunities to farmers.

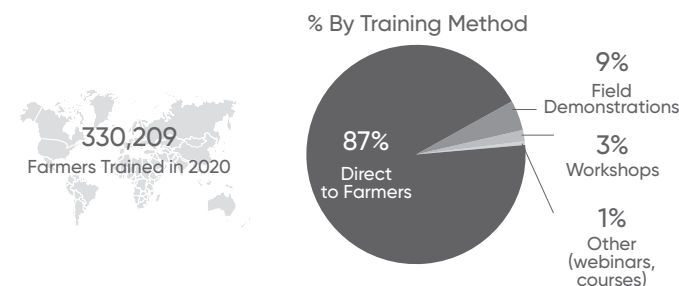
These efforts focus on sharing the latest information, technologies, best

practices and product innovations to help them find ways to improve soil health, nutrient and water stewardship and productivity that are right for their unique, local needs. Equipped with these tools and resources, farmers can more easily improve the sustainability of their operations and achieve their own business and sustainability goals.



In 2020, our education efforts were limited by the social and travel restrictions associated with the pandemic. Our teams adapted and pivoted to new technology and online platforms to continue our farmer education efforts wherever possible. Corteva Agriscience's Integrated Field Sciences Canadian Lead Rory Degenhardt explains how nitrogen stabilizers can help reduce soil nitrogen loss and protect the environment.

Training consists of any engagement with a farmer on soil health, water stewardship, nutrient stewardship, biodiversity/habitat conservation, climate-smart agriculture, or resource efficiency that goes beyond the responsible use of Corteva products and services.



[See more](#)



SPOTLIGHT

Providing a path to success

During the winter of 2019, farmers in the central India state of Madhya Pradesh experienced low wheat productivity. The Corteva Agriscience team in India stepped in to help these farmer communities who were dealing with several issues, including poor yield, shortage of resources and lack of empowerment for female farmers.

In partnership with the nonprofit, non-government organization PRADAN, Corteva colleagues applied a multi-pronged approach:

- Replaced short-duration wheat in relatively heavy soil to increase household income, without disturbing the food security of households. This enabled farmers to access high-yield potential maize hybrids that were low-cost and suitable for their climate zone.
- Introduced farm mechanization, enabling farmers to catch up with the short window of Kharif maize sowing and ease intercultural operation of crop growth in later stages.
- Conducted more than 200 training programs, educating 12,000 women on agronomy practices and financial literacy.
- Set up more than 100 demonstration plots and invited female farmers to visit and learn.
- Conducted a "train the trainer" program for improved methods of composting for soil health enhancement.
- Enabled increased seed production in three areas, while providing hybrid seed at a lower cost, by helping farmers to choose the right land coverage for hybrids.
- Empowered communities by helping smallholder farmers with collective input purchases and sales with Farmer Producer Company (FPC), an organization that helps farmers organize into a collective unit to improve their bargaining strength in the market.
- Established 30 agri-entrepreneurs from these communities to continue to help farmers, guiding them on preferred agricultural practices, enabling them to implement good agronomic practices and establishing market linkages of the crop produced.



[Watch video](#)

This program's efforts enriched the lives of participating farmers by:

Reducing their labor requirements from four family members to two and three hours of planting time per acre to 45 minutes.

Increasing their yield from 1.5 tons per acre to 2 tons per acre.

Increasing the prices for their harvest by 25 percent while decreasing production costs by 30 percent.



SPOTLIGHT

Opening access to agronomic education and on-farm training

In Kenya, we're working directly with farmers and collaborating with key stakeholders to improve agricultural production, strengthen the food value chain, support rural communities and combat global hunger.

Corteva Agriscience's Women in Agriculture (COWIA) program is opening access to agronomic education and on-farm training, extension and financial services, and market facilitation linking Kenya farmers to strong commodity supply chains. We established the program in 2020 with the intent to increase their harvest, household incomes and sustainable farming practices with the goal of reaching 20,000 women farmers over the life of the project.

"We're building resiliency into the African food system to protect it from future 'storms' that will result from climate change, trade disruptions and weather events. We're focused on three key areas: research and development to increase the production potential of African farmers; new technologies and adoption of more sustainable farming practices; and the development and adoption of digital platforms to manage and use data to make better decisions across the food chain." — Venkata Subbarao Kolli, President, Africa Middle East, Corteva Agriscience





THE GOAL

Increase the productivity, incomes, and sustainable farming practices of 500 million smallholder farmers by 2030

ID&E

Including doubling the percent of female farmers served.

15,862,301

Smallholder Farmers
Impacted in 2020

In 2020, activities that improved productivity, increased income, or reduced labor hours for smallholder farmers counted toward our goal.

IN CHINA

↑25-87.5%

Productivity Increase

↑20-90%

Income Increase

IN INDIA

↑10-80%

Productivity Increase

↑15-100%

Income Increase

↓40%

Labor Hours Reduction

[See more](#)



The foundation of an inclusive and resilient global food system

Smallholder farmers grow 80 percent of the food supply in sub-Saharan Africa and Asia. These farmers play an important role in improving global food security. Increasing their productivity, incomes and sustainable farming practices is critical to building an inclusive and resilient global food system.

Smallholder farmers are entrepreneurs, running their farms as small businesses. Corteva Agriscience is empowering these entrepreneurs with innovations such as climate-adaptive hybrid corn and rice seeds, and Green Chemistry Award winning crop protection products for the fall armyworm pest. Our portfolio of agriculture technologies brings much needed solutions to the challenges these farmers face each day as they strive to grow their businesses and feed their families and surrounding communities.

In countries such as Myanmar and Zambia, Corteva works closely with a network of agro-dealers, agronomists, marketing agents and lead farmers to reach smallholder farmers in rural areas with our products and agronomic support. We also set up thousands of demonstration plots to show farmers our technologies so they can choose whether to invest in our products for their businesses.

Corteva's agronomists also work side-by-side with smallholder farmers to provide education on sustainable farming practices that improve soil health, reduce water usage, and increase yield and profitability.

[Learn more](#) about our efforts.

1. [Growing at a slower pace, world population is expected to reach 9.7 billion in 2050 and could peak at nearly 11 billion around 2100 | UN DESA | United Nations Department of Economic and Social Affairs](#)




9.7bn¹
Number of People
Agriculture Will Need
to Feed by 2050

At Corteva, we believe that ending global hunger is one of the greatest challenges of our time that can be achieved through collaboration with public and private partners, and smallholder farmers and their communities.



SPOTLIGHT

Improving livelihoods in Zambia

In 2020, Corteva Agriscience announced a three-year project that will increase the productivity and incomes of 10,000 emerging farmers in [Zambia](#) (30% of whom are women) by providing on-the-ground training on sustainable farming practices, increased access to agricultural technologies and capital, as well as critical market linkages that boost free-market opportunities. The collaboration with [USAID](#), John Deere, and [Global Communities](#) will leverage more than USD\$37 million in loans for inputs and equipment and will result in more than 50,000 hectares of crops planted using climate-adaptive seeds and other sustainable technologies.

[Read more](#) about this initiative.





SPOTLIGHT

Empowering women smallholder dairy farmers in Kenya

Joining with Land O'Lakes Venture37, Forage Genetics, and the International Livestock Research Institute, Corteva Agriscience introduced a partnership in 2020 that will empower 5,000 women smallholder dairy farmers and address the chronic dairy shortage¹ impacting nutrition in Kenya. Our agronomists will work closely with these women farmers to increase the sustainable production of corn silage in order to improve forage for dairy cows. This work aims to increase the incomes of these women smallholder farmers and the dairy products are available to consumers in rural regions of Kiambu and Meru.

¹ [Kenya Dairy Board](#)



SPOTLIGHT

A successful shared value initiative in Indonesia

As of 2020, Corteva Agriscience has helped more than 13,000 smallholder farmers in Indonesia increase their productivity and profitability through a shared value initiative with PRISMA, a development organization run jointly by the Australian and Indonesian Governments. In this Madura, East Java area, 75 percent of corn farmers live on less than \$5.50 USD per day.

In addition to helping farmers adopt high-quality and climate adaptive hybrid corn, Corteva provided training to government extension field staff to ensure broader adoption of Good Agriculture Practices (GAP). PRISMA also brought in collaboration with others in the value chain, such as financial institutions and offtakers, to provide loans and ensure farmers' access to markets and revenues.

In a survey of women farmers conducted by PRISMA in 2019, we learned that women play a critical role in household financial decision-making, including investment in agricultural inputs. Thus, Corteva and PRISMA offered Ibu Hebat (or Great Mother) training exclusively for women corn farmers.

Through this project, farmers in these traditionally underperforming corn planting areas have increased their yields by 130 percent and increased their income by 247 percent since 2016.

[Watch video](#)



SPOTLIGHT

Driving economic growth with smallholder farmers in Tanzania

Queen is a Tanzanian farmer from a farming family. When she was growing up, life was difficult and money scarce. Things are different now thanks to good quality seeds and training from Corteva Agriscience and USAID who are helping her to scale up. Queen's income means she can pay for her children's education and build the foundation of a good life.

See how Corteva is collaborating with others like USAID to help smallholder farmers across Tanzania improve their yields, communities and drive economic growth for the country.

[Watch video](#)

"By improving yields and sustainability practices for small farmers there, including through its drought resistant and heat-tolerant seeds, Corteva has helped boost incomes and food security."

— Fortune Magazine, 2020 Change the World list





THE GOAL

Enable farmers to sustainably increase crop yields by 20 percent while also reducing greenhouse gas emissions by 20 percent within cropping systems compared to 2020

Farmers around the world have a long history of overcoming challenges and finding new ways to nourish the health of people and our planet.

Tackling global challenges, such as a growing world population and implications from a changing climate, will take science-based innovation. We believe the solutions begin on the farm with customized products and services and management practices implemented by forward-thinking

farmers. In fact, farmers and ranchers around the world are already working more efficiently and with a smaller carbon footprint. They are proving it is possible to achieve climate positive agriculture without sacrificing productivity or ongoing profitability.

We recognize that every farm and every field is different, which means every farmer needs a unique set of technologies and management practices to increase yield and

decrease emissions on their farm. Corteva Agriscience brings a comprehensive approach to this challenge, combining robust investments in research and technology to sustainably increase yield potential with conventional and biological crop protection solutions to safeguard that potential. In addition, digital tools unlock new opportunities to improve efficiencies and decrease emissions on farms of all sizes.

Priority Cropping Systems



For Example:

IN INDIA



AcreNext™

↑80%

Increase in yield

↓58%

Reduction in CH4 intensity

IN CANADA



eNtrench NXTGEN™
and N-Serve®,
powered by Optinyte™

↑8%

Increase in yield

↓35%

Reduction in GHG intensity

IN FRANCE



m3 corn silage hybrids

↑7-20%

Increase in silage productivity,
dry matter

↓5%

Reduction in CH4 intensity

[See more](#)



SPOTLIGHT

Identifying, measuring, and sharing best practices

In 2020, Corteva Agriscience launched a network of Innovation Farms to identify, test and promote practices that will enhance soil health and biodiversity, reduce GHG emissions and preserve ecosystems, while ensuring profitability and stabilizing yields. Two pilot farms in Germany—Uherek in Gröbitz, Saxony-Anhalt, and Redeker in Pattensen, Lower Saxony—are part of the program.

"The long-term project aims at harmonizing ecological, economic and social aspects in a holistic way," said Melanie Hauer-Jákli, Field Agronomist, and Andreas Schumacher, Country Sales Manager, Crop Protection. "While the measures are tailored to the individual farms, they will also provide best practice examples for many other farms facing similar challenges."





SPOTLIGHT

Our commitment to climate positive agriculture

Since its formation, Corteva Agriscience has been delivering innovative climate positive agriculture solutions to farmers and ranchers that benefit our planet, our industry, and the global food system. Our work is founded in the knowledge that truly sustainable climate action is achievable today. We can help to reduce greenhouse gases while nourishing the soil and protecting the water, and without sacrificing on-farm productivity or profitability.

Many farmers already practice climate positive agriculture voluntarily, and we will continue to support them through digital tools, new seed technology, and the next generation of crop protection products that offer more precise and holistic solutions. Our Optinyte™¹ technology, for example, helps to keep nitrogen in the root zone longer, ready for crop uptake. When this technology is used, it reduces denitrification in the soil and can help decrease greenhouse gas emissions that can result from the use of fertilizer while increasing yield potential. In 2021, Corteva built on its early learnings and leadership role in agricultural carbon credits to establish a new Carbon and Ecosystem Services Portfolio.

[Learn more](#) about our commitment to climate positive agriculture and the new Carbon Initiative.



1. Data based on a meta-evaluation study of Optinyte™ technology's agronomic and environmental effectiveness with emphasis on corn production in the midwestern USA.



SPOTLIGHT

Helping dairy farmers build the sustainable food systems of tomorrow

Corteva Agriscience is part of a global effort aimed at transforming dairy farming: Farming for Generations. This farmer-focused alliance of eight partners, spearheaded by global food industry leader Danone, is working with dairy farmers to:

- Provide workable solutions to economic, social and environmental challenges
- Foster animal health and well-being through optimal herd management, so cows can have healthy, stress-free lives
- Reduce greenhouse emissions and protect soil and biodiversity while providing the best quality feed for dairy cows

Corteva is providing expertise in agronomy, crop protection and seed—helping farmers grow and preserve feed and forage for dairy cows while reducing greenhouse gas emissions, improving soil health and increasing biodiversity.





SPOTLIGHT

New solutions to reduce emissions

Corteva Agriscience's Enlist™ weed control system provides a much needed solution to help farmers grow productive crops using conservation tillage practices while maintaining the soil by providing weed control. It's another tool to help them manage productivity while adopting practices that reduce on-farm GHG emissions.

[See how](#) growers in the U.S. are experiencing Enlist™.



SPOTLIGHT

New ways to balance sustainability and profitability

On-farm practices like cover crops must be economically viable for widespread on-farm adoption, which is why Corteva Agriscience is leading a research project to understand the potential for developing yellow field peas as both an alternative cash crop and cover crop. Yellow field peas were the first choice for the program because of their short season and ability to fix nitrogen in the soil.

Corteva is also leading a research project in conjunction with Iowa State University and The Land Institute using a perennial groundcover systems approach with high-yield corn and soybean row crops. By transitioning from bare-earth production methods to a low tillage approach, perennial groundcover will reduce soil erosion, hold carbon in the soil, improve soil health, and retain more nitrogen while increasing water infiltration.





THE GOAL

Improve soil health on 30 million hectares by 2030

348,499 HA
with improved soil
health in 2020

Our solutions for measuring, managing and improving soil health are tailored to each field, and oftentimes, each hectare.

Farmers have long known that healthy soils increase the capacity of crops to withstand weather variability, reduce erosion, enhance air and water quality, and support healthy habitats.

Today, a broader discussion is underway on what makes a healthy soil, how it's measured and how improvements can benefit farmers and the planet. Soil is now seen as a powerful solution to global challenges such as climate change and biodiversity loss.

As a global agricultural company with industry-leading expertise and products across seeds, crop protection including biologicals, crop nutrition such as nitrogen stabilizers, and digital tools, Corteva Agriscience is in a unique position to support farmers as they work to enhance soil health on their land.

We are working to achieve this goal around the world through a variety of creative and collaborative initiatives with farmers and external partners.



SPOTLIGHT

Enhancing soil health in seed production

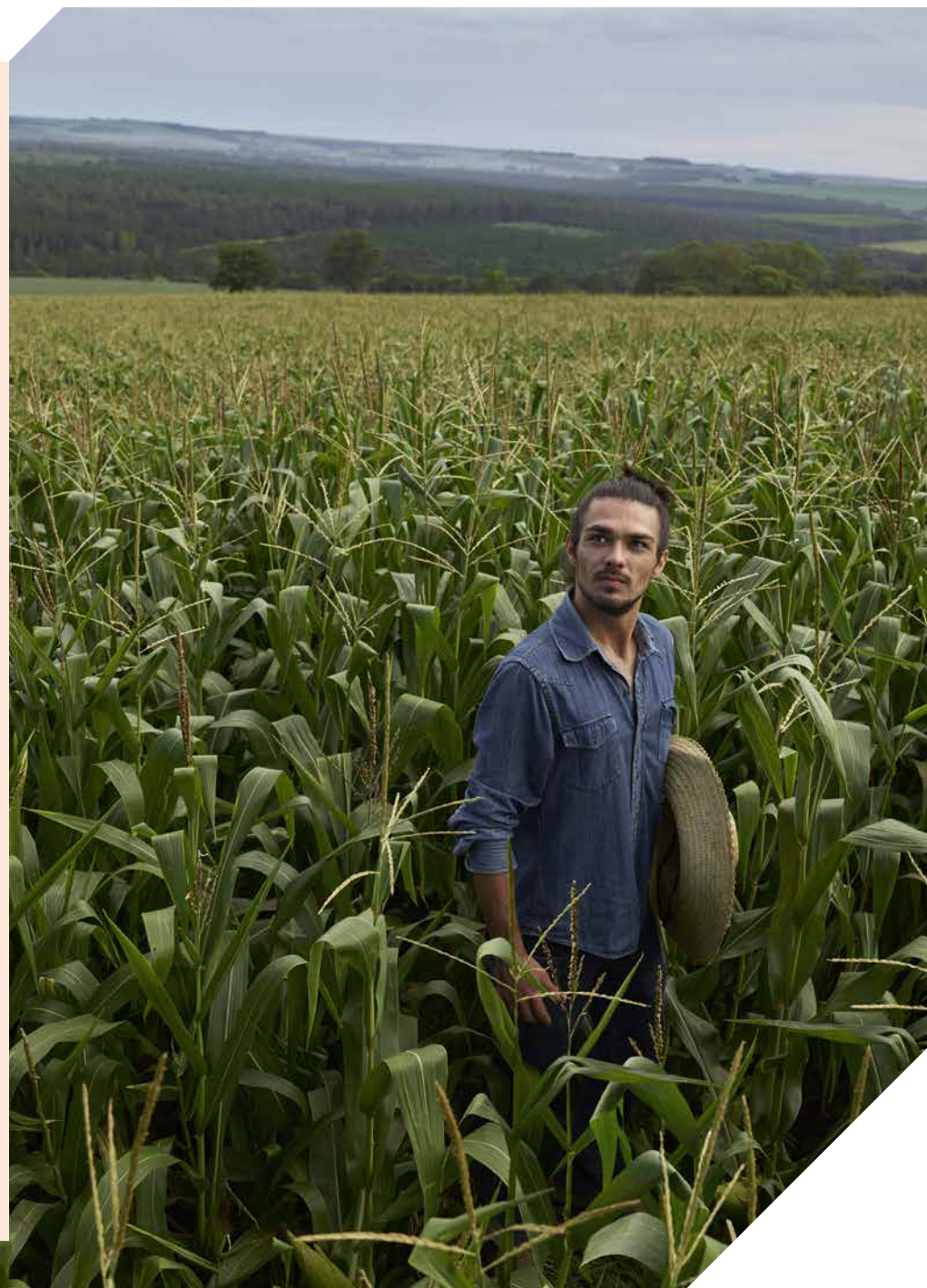
Contract seed production growers are an important part of the Corteva Agriscience supply chain around the world. They are also innovative, forward-thinking farmers looking for opportunities to enhance both productivity and sustainability of their land.

We are working with our vast network of U.S. corn seed production growers to grid soil samples and analyze results of soil fertility and macronutrients, and are expanding the program to Brazil and Europe. Understanding how to measure and validate the impact of new practices and innovations is a critical first step toward progress.

"We grow seed on a wide variety of soil types, from sandy soils to heavy dark soils," said Matt Kurtz, Corteva Agriscience's Seed Technology Director. "Understanding the nutrient requirements and soil properties for each of these soils will help seed growers be more productive and improve their soil health for the future."



Certified Services Agents from [Granular](#), Corteva's digital solutions subsidiary, are collecting and analyzing the data on many of these acres—giving growers insight on their most productive acres and uncovering opportunities to make precise fertilizer application adjustments that both improve the soil and increase productivity.





SPOTLIGHT

Using DNA to advance soil biodiversity

Corteva Agriscience team members in Italy and researchers at the University of Milan are working with 90 wine-producing companies on a new approach to analyze the diversity of organisms present in the soil. The project is sequencing DNA found in soil samples to identify fungi, bacteria and metazoans (multicellular animals).

Their methodology, once validated, will be a benchmark for soil analysis and an information tool for improving on-farm biodiversity and enhancing ecosystems for vineyards and crop production.

An all-around win

Farmers are exploring how to create new revenue streams while improving soil health, water quality and sustainability. See how one Corteva customer is harnessing the natural cycles of a plant-animal ecosystem to increase soil health, reduce soil erosion and decrease the carbon footprint of his farm.

[Read more](#)

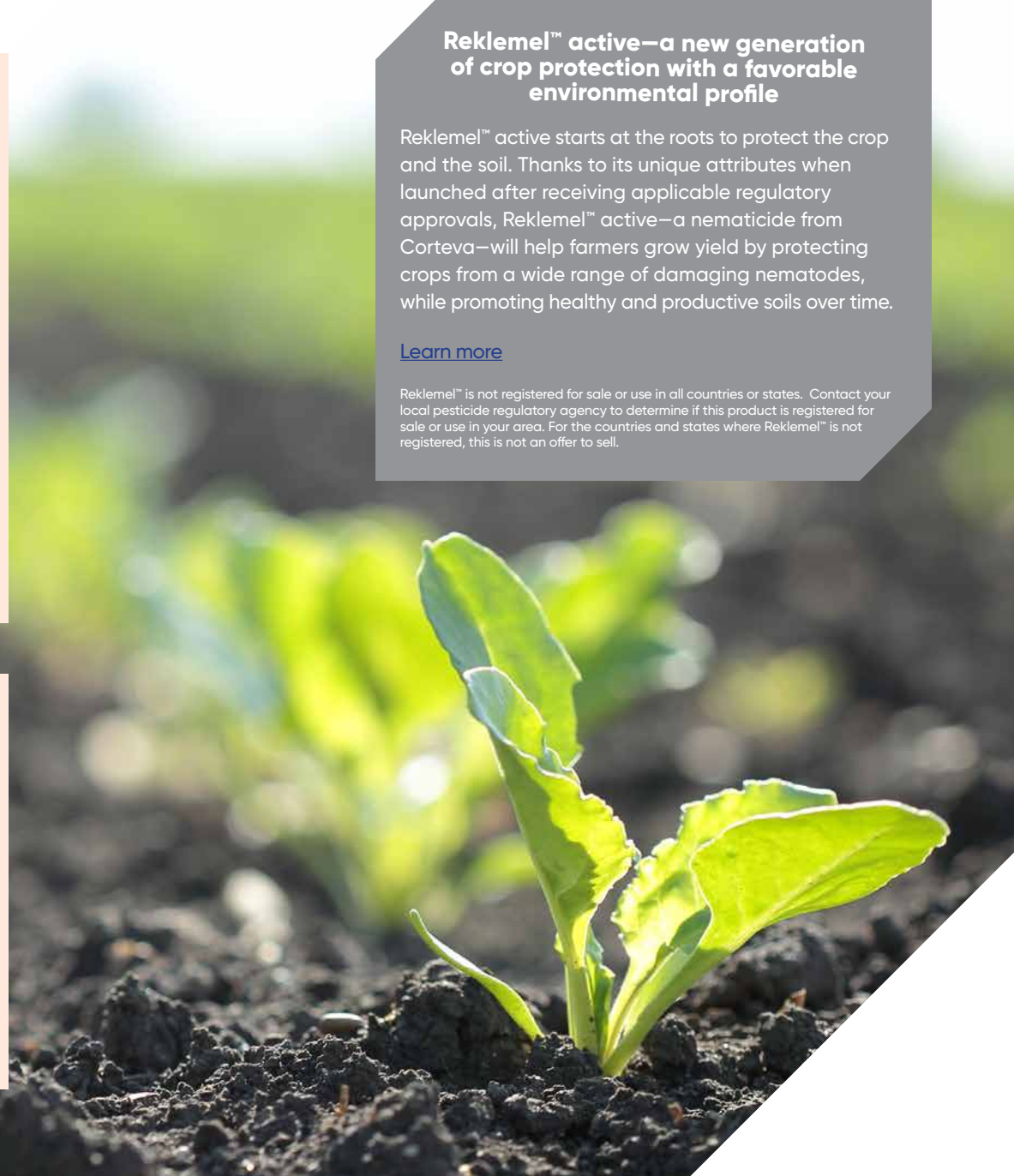


Reklemel™ active—a new generation of crop protection with a favorable environmental profile

Reklemel™ active starts at the roots to protect the crop and the soil. Thanks to its unique attributes when launched after receiving applicable regulatory approvals, Reklemel™ active—a nematicide from Corteva—will help farmers grow yield by protecting crops from a wide range of damaging nematodes, while promoting healthy and productive soils over time.

[Learn more](#)

Reklemel™ is not registered for sale or use in all countries or states. Contact your local pesticide regulatory agency to determine if this product is registered for sale or use in your area. For the countries and states where Reklemel™ is not registered, this is not an offer to sell.



**THE GOAL**

Support water stewardship advances in global agricultural production by 2030

Farmers around the world are all too familiar with the critical role of water availability in creating a resilient global food system. Today, nearly half of the planet is experiencing some form of “water stress.”¹ In fact, many areas of the world are facing a serious and prolonged water crisis.

That's why we are focused on a two-pronged approach to advance water stewardship through science-based practices, new technologies, and timely innovation to conserve and protect this precious resource.

THE GOAL, PART 1

Accelerate improvement in nitrogen use efficiency (NUE) across global agricultural land by 2030

THE GOAL, PART 2

Reduce water consumption while increasing yields on 2.5 million hectares of seed production and water-stressed agricultural land by 2030, as compared to 2020

¹ [Water Stress by Country | World Resources Institute \(wri.org\)](https://www.wri.org/publications/2016/06/p06-06-water-stress-by-country/)



THE GOAL, PART 1

Accelerate improvement in nitrogen use efficiency (NUE) across global agricultural land by 2030

When plants use nitrogen efficiently, they are better able to achieve maximum productivity and yield. Efficient use also keeps nitrogen where it belongs rather than leaching into the groundwater or oxidizing through the soil as a greenhouse gas emission.

SPOTLIGHT

Our Solutions To Increase Nitrogen Use Efficiency

Corteva Agriscience's Optinyte™ technology is a nitrogen stabilizer that works both above and below the soil's surface to keep nitrogen at the root of the plant—where it belongs. Nitrogen stabilizers with Optinyte technology, including N-Serve®, Instinct NXTGEN®, eNtrench NXTGEN™, and N-Lock™, optimize yield and quality while reducing nitrogen loss.





THE GOAL, PART 2

Reduce water consumption while increasing yields on 2.5 million hectares of seed production and water-stressed agricultural land by 2030, as compared to 2020

We are developing water-saving options for farmers who produce the seed we sell and for farmers in areas with water shortages.

3,521 HA
with reduced
water consumption
in 2020

SPOTLIGHT

Rice Farming Sustainably Redesigned

Traditional rice farming includes transplanting seedlings germinated in a nursery and transferred to a flooded field, requiring tremendous water and labor resources. Many of the areas of the world where rice is grown are experiencing a severe water shortage. A change is needed.

We used our innovation and capabilities to develop AcreNext™ next generation rice farming, an alternative to traditional rice farming to help farmers reduce reliance on labor and water, optimizing farmer resources while providing a better return on their investment. It's an integrated offering

that includes hybrid seeds, mechanized sowing services, and weed and crop management advisory services.

Direct seeded rice involves planting hybrid seeds directly into the field by hand or using machinery. Once the crop is established, our next-generation technology herbicide is used to protect the rice crop against post-emergent grasses, sedges and broadleaf weeds. These herbicides save time and resources, degrade rapidly in soil and aqueous environments, and allow farmers to sustainably produce higher yields on existing farmland.

Benefits of Corteva Agriscience AcreNext™

- Eliminates the need to flood the field, reducing water usage by 35%-57%
- Reduces greenhouse gas emissions by 1 metric tons/acre
- Requires less intensive labor
- Improves soil health
- Retains groundwater table
- Enables staple crop planting where precipitation patterns are changing
- Improves farmer income and local food security



SPOTLIGHT

Benefitting the lives of farmers

Introducing AcreNext™ next generation of rice farming to women farmers in India.

Women perform the bulk of the labor in rice farming and are crucial to ensuring a resilient, sustainable food supply. To support this important population, Corteva Agriscience partnered with local Indian nonprofit [PRADAN](#) to introduce direct seeded rice farming methods in the water-scarce region of Nawada, Bihar. Local agronomists and advisors provided technical training and soil testing, as well as pest- and disease-management guidance. To address the availability of mechanization infrastructure, we established custom local hiring centers that provide equipment for rent and also set up agri-entrepreneurs who act as service providers for farmers' mechanization needs.

Through Corteva's program, women smallholder farmers realize higher yields and increased profits with less cost for irrigation and fewer labor hours. Working with in-country partners such as PRADAN, women farmers have greater access to finances and markets, while their communities receive more nutritious food and overall livelihoods are improved.





THE GOAL

Enhance biodiversity on 10 million hectares of grazing lands and natural ecosystems globally through sustainable management practices and habitat conservation by 2030

108,313 HA
with enhanced
biodiversity in 2020

Biodiversity is the foundation of agriculture and our food system. It enhances soil health, habitats, biological pest control, erosion resistance, and the prevention of runoff into waterways.

We have pledged to establish, restore and preserve desirable habitat for pollinators and wildlife in harmony with producing an affordable and abundant food supply to meet the food and nutrition needs of the growing world.

We are developing advanced technologies for land management, forming partnerships to advance biodiversity and using our corporate sites for butterfly and pollinator habitat and education.



SPOTLIGHT

LandVisor™ Tough decisions made easier

Through Corteva Agriscience's LandVisor™ advanced brush management, we're helping landowners profitably achieve the pasture, plant, soil and wildlife benefits that ongoing biodiversity efforts deliver. LandVisor™ is a new integrated technology solution that combines sophisticated imagery, data, technology and expert guidance—enabling farmers and ranchers to manage their land for optimal productivity and environmental outcomes.

LandVisor™ gives landowners a customized selective and sustainable pasture management approach that reduces unwanted and invasive vegetation, which allows new plant species to grow while keeping beneficial plants and trees in place.

[Watch video](#)[Watch video](#)



SPOTLIGHT

Making pastures more sustainable

In 2020, Corteva Agriscience launched Plataforma-S, a Brazilian pasture business sustainability project, to promote actions that connect health, productivity and environment preservation to advance sustainable livestock growth and rancher success. One of the project's initiatives seeks to recover and preserve water springs in different Brazilian biomes—to restore and preserve the biodiversity in these environments.

Plataforma-S has four commitments:

- Success of all involved in meat production
- Synergy among all members of this chain for sustainable livestock farming
- Social practices that connect the community with livestock activity
- Sustainability with actions that surround the entire platform

"In this concept, 'S' is a way to officialize our interest and our commitment to encourage and invest in good social and sustainable practices," said Corteva Agriscience's Pasture Marketing Leader, Paulo Pimentel.



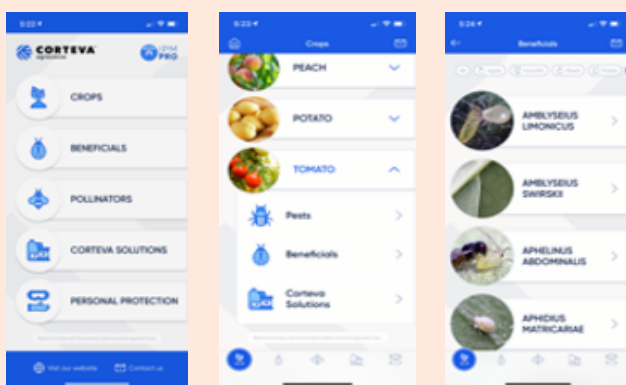


SPOTLIGHT

Protecting biodiversity

Through Corteva Agriscience's IPM Pro mobile app, European farmers can better understand how to protect biodiversity while safely using Corteva's crop protection products. The app provides key information on pests, beneficial insects and pollinators, as well as product stewardship recommendations.

It provides assurances to farmers, enabling them to safely produce a bountiful harvest while protecting the biodiversity of the surrounding area.





SPOTLIGHT

Supporting sustainable right-of-way management

We help land managers sustainably manage U.S. railroad, highways and utility rights-of-way to support wildlife habitat, pollinators and plant diversity. In 2020, Corteva Agriscience received the Partners in Excellence Award from the Utility Arborist Association for our work on enhancing quality utility arboriculture and right-of-way management.

[Learn more](#)



THE GOAL

Protect the health and safety of people at our facilities and those working in agriculture



Living safely means that we embrace safety and the environment in all we do.



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 agriculture industry, we need to ensure that we keep the ag workforce in place and products available when they need them. For Corteva Agriscience, that means protecting the health and wellbeing of our employees and their families, as well as our value-chain partners and supplemental workforce.

We're committed to championing and protecting people throughout the

food system and the broader agriculture community, with specific targets through 2030. Live Safely is one of Corteva's values. We instituted this 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 achieve this goal by:

- Driving elimination of severe incidents. In 2020, we experienced 8 severe incidents.
- Enrolling 100% of employees in the Corteva Total Worker Wellbeing (CTWW) initiative by 2025 to control workplace health risks, protect workers, and improve the health of all employees
 - CTWW programs include employee health programs targeted at employees exposed to specific workplace hazards, but also programs for all employees such as support for employees on disability leave, international business travel preparation, wellbeing and positive emotional health. In addition, industrial hygiene and ergonomics programs establish a safe working environment.
- Implementing a framework to share expertise and information to help drive improved safety performance for our customers and the broader agriculture industry by 2025.



SPOTLIGHT

Employee health and safety first

In 2020, our imperative to prioritize the health and safety of our employees was put in the spotlight. Since the early days of the COVID-19 outbreak, Corteva Agriscience took steps to help protect the health and safety of customers, our employees, their families, and their communities. Internally, we activated crisis management protocols at the country, regional, and global level, and engaged our Integrated Health Services Pandemic & Infectious Disease Planning Team to monitor the situation and to communicate transparently and regularly with our employees globally. We took special measures including:

- Suspending all international travel and restricting all other travel to business critical
- Conducting enhanced cleaning and disinfecting of our sites and increasing frequency of cleanings
- Cancelling participation in internal and external meetings
- Screening contractors and visitors to our sites
- Instituting self-quarantine for employees with symptoms or any possible exposure
- Encouraging our employees to follow WHO and CDC guidelines for handwashing and social distancing
- Moving to site essential employees only at our facilities and encouraging work from home wherever possible to reduce exposure
- Conducting tests of our "I'm Okay System" for tracking employees who may need assistance

[Learn more](#) about our COVID-19 response.





SPOTLIGHT

Providing tools to keep farmers safe

Each year, many farm deaths are attributed to grain bin-related accidents. Accidents can occur without notice, with entrapment often taking only seconds. In Canada, we collaborated with the Canadian Agricultural Safety Association (CASA) to equip rural fire departments with the training and equipment needed for grain-entrapment rescues. Corteva Agriscience donated rescue tubes and pencil augers—essential tools in rescuing someone from a grain bin—to eligible rural fire departments that have taken part in CASA's BeGrainSafe training.



THE GOAL



Empower women, enable youth, and engage communities in all of the global communities where we have corporate operations and all of the countries where we do business, by 2030

ID&E

Establish baseline and strategy to increase access to modern farming technologies, data, and financial resources for women and ethnic minority farmers in developed countries, beginning with the U.S. and Canada, by 2030.

In 2020, we had programs in 50% of communities where we have significant corporate operations (>51 employees) and 54% of countries where we do significant business.

Communities thrive when there is opportunity and inclusion for all. That's why we support outreach programs and activities in communities where our employees, customers, and channel partners live and work to help strengthen global communities. Our [Corteva Grows](#) volunteer programs address the unique needs of each community, with a specific focus on nutrition, food security, the environment, science and technology education, and life quality challenges. These programs ensure that our success is the community's success.

Examples of our [community programs](#)

- Personal training
- Job training
- Financial donations
- PPE donations
- Food donations
- Land conservation
- Hygiene kit donations
- School supply donations
- Job training for women
- Financial literacy training for women
- Clothing donations
- Sports supply donations
- Scholarships
- Food distribution
- Student education
- Student STEM education
- Teacher training
- Equipment donations
- House construction
- Product donations



Empowering Women

Agriculture around the world depends on women farmers. We are championing women to ensure they will attain individual achievement and to help bring prosperity to the communities where they live.



SPOTLIGHT

Sparkling innovation for women in agriculture

In Europe, women farmers play a large role in providing food for their families and employment opportunities for their communities. Corteva Agriscience joined with the Federation of Rural Women's Associations (FADEMUR) in Spain, the United Nations Population Fund, Food and Agriculture Organization of the United Nations (FAO), Center for Corporate Social Responsibility, and All-Ukrainian Council of Female Farmers NGO to implement *TalentA*, an educational program that helps these farmers develop competitive, sustainable agriculture businesses that contribute to improving the food and nutrition security of their communities.

The program expands educational opportunities and access to finance for women living in rural areas and engaged in agriculture, through a professional-led training course and online resource hub. Participants can apply for financial grants to programs that improve food security within their communities, provide access to clean drinking water, support responsible consumption, combat climate change and preserve ecosystems. Corteva is expanding the *TalentA* program to other countries including Romania, Russia, Portugal and Italy.





Enabling Youth

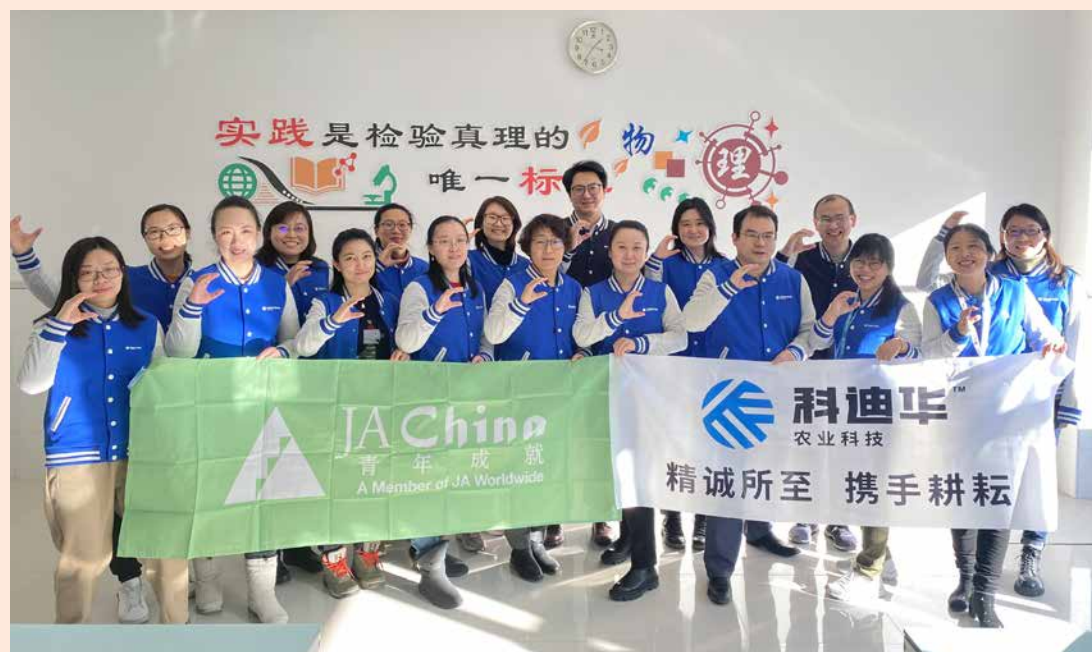
We support projects and programs that will lead to educational achievement and development for youth around the world and build a diverse agricultural workforce for the future. Learn more at [Corteva Grows Science Outreach](#).



SPOTLIGHT

Science outreach in action

Through a partnership with [Junior Achievement International](#), Corteva Agriscience colleagues in Asia Pacific participated in a *Science in Your Food* series, teaching more than 600 middle school and secondary school students about key biology and agricultural science concepts including DNA extraction, rice breeding, fortifying cereals, and chemical interactions. These young students got a glimpse of the many opportunities available for future careers, as well as the critical role agriculture plays in serving their communities and providing a resilient global food supply.





Engaging Communities

Our communities are the heart of Corteva Agriscience. Our efforts improve the quality of life in communities where we live and work, striving to meet the unique needs of each community.

Corteva donated and helped package 900 kits of hands-on "Let's Go Green" activities for third graders in Pike Township Schools, near our Indianapolis, Indiana Global Business Center.

SPOTLIGHT

Responding to COVID-19 needs near and far

The pandemic impacted every corner of the globe and revealed tremendous opportunities for Corteva to enrich the lives of the people and communities where we live and work. Just a few examples of our outreach include:

- In the US, healthcare provider [MercyOne](#) leveraged Corteva's sophisticated genetic screening capabilities at our Johnston, Iowa, facility to accelerate rapid COVID-19 testing for healthcare services and other essential businesses.
- Employees in Latin American donated food and assembled food baskets for social organizations addressing nutritional vulnerability.
- Volunteers in Asia Pacific countries worked with local groups to provide much-needed food to families, supported children through enrichment and education opportunities, and provided food and PPE to frontline workers.
- Our Africa/Middle East colleagues implemented a COVID-19 relief project to deliver care packages of hand sanitizer, blankets, fresh food, cooked food, clean water and personal hygiene kits to our local communities, health organizations, and partner institutions.

For a more detailed list, [see here](#).





THE GOAL

Volunteer 1 million Corteva employee hours to support people and communities globally by 2030

While the COVID-19 pandemic in 2020 restricted in-person volunteer activities for our employees, many found creative ways to safely continue supporting their communities, with a special focus on providing relief and aid to people affected by the pandemic. In September 2020, we launched Corteva CSR Connect, an online tool to record and facilitate our volunteer efforts. Corteva colleagues logged more than 5,300 volunteer hours into the new system in the fourth quarter of 2020. We also announced a new employee benefit: 16 hours of paid time off every year to volunteer.

From 3D printing face shields to making hand sanitizer to food pantry donations and more, our teams stepped up when they saw a need.

**16 HOURS**

of Paid Time Off
Every Year per Employee
to Volunteer

Making the world a better place begins with giving back to the communities where our 21,000 plus employees live and work. From Corteva Agriscience's global business centers to production plants and research centers, each site location is unique, and so is the community that surrounds it.

Through our global Corteva Grows initiative, we empower employees to share their time and talents to build awareness around food security, science outreach, green space and community success.



"I love building with and for communities. I am happy to be a volunteer because I give my skills to the people who need it"

– Giselle Cervantes,
Barranquilla, Colombia

SPOTLIGHT

Building emergency housing in Mexico

Corteva Agriscience employees in Mexico joined efforts with TECHO, a Latin American organization that works to overcome poverty in the region, to build four houses in the community of Lomas de la Primavera, located in the municipality of Zapopan, Jalisco. The two-day building project provided four families with emergency housing—safe and comfortable living space to protect against the elements and to call home during the pandemic.



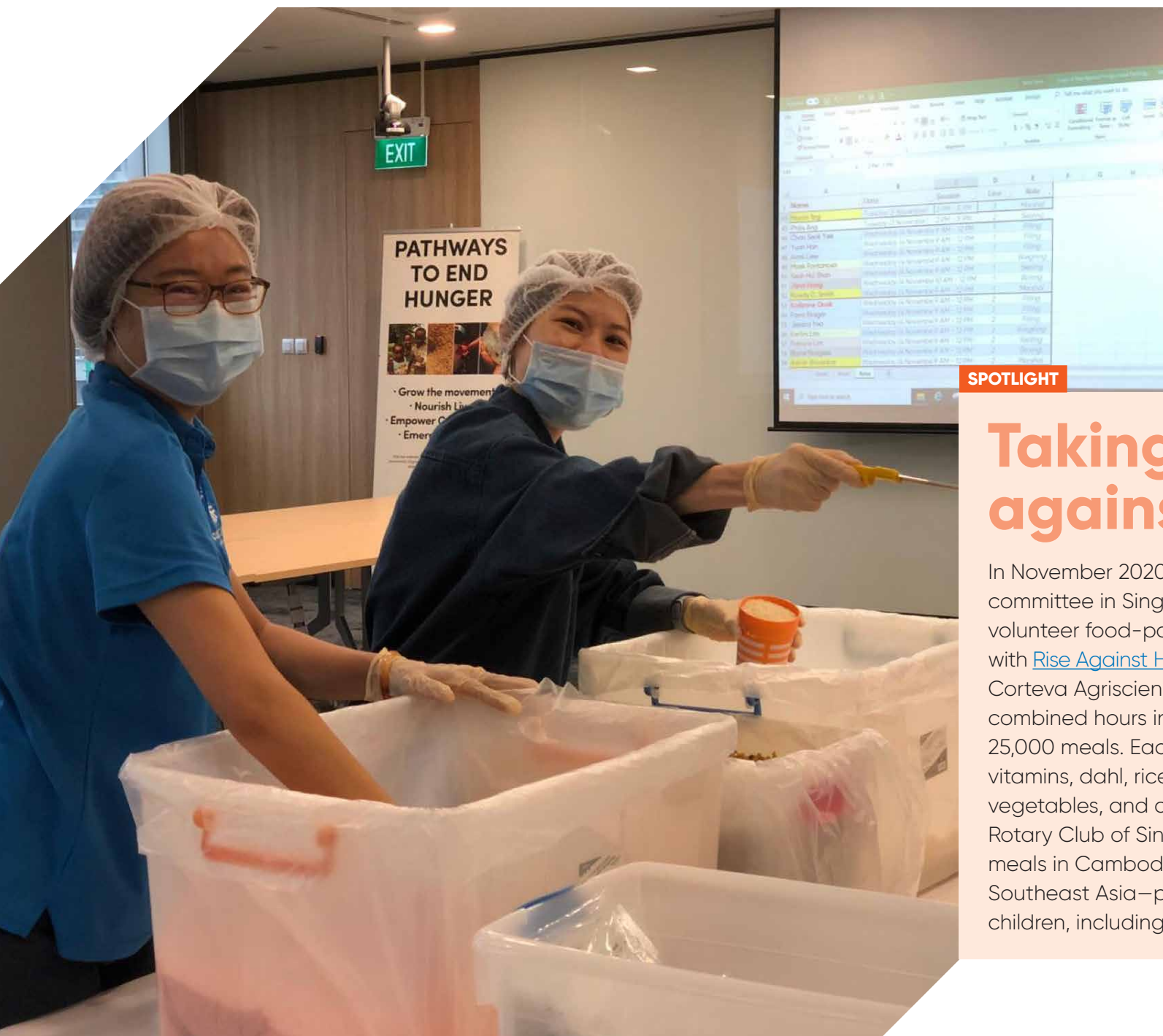
SPOTLIGHT

Engaging employees and communities

The Corteva Grows Pollinator Habitat Program is a joint effort by Corteva, the National 4-H Council, and Pheasants Forever and Quail Forever. The program's success is built on a foundation of Corteva volunteers who work with 4-H youth or other community members to plant and maintain pollinator habitats at Corteva locations and public spaces in key geographies.

Corteva Grows volunteers at Corteva's Cairo, Georgia, US research location worked with more than 400 local students, teachers, 4-H Pollinator Ambassadors and Quail Forever staff at the [Grady County 4-H Pollinator Field Day](#). The hands-on event increased the students' understanding of pollinator habitats and the integral role pollinators play in food production. Corteva employees provided seed and helped prepare for the installation of a pollinator habitat at Shiver Elementary School near Cairo, in coordination with the school's FFA program [4-H Pollinator Habitat Program](#).





SPOTLIGHT

Taking a stand against hunger

In November 2020, the Corteva Grows committee in Singapore organized a volunteer food-packing drive in collaboration with [Rise Against Hunger](#). More than 40 Corteva Agriscience volunteers worked 140 combined hours in three shifts to package 25,000 meals. Each meal packet included vitamins, dahl, rice and dehydrated vegetables, and could feed six people. The Rotary Club of Singapore distributed the meals in Cambodia and Timor-Leste in Southeast Asia—primarily to school-age children, including some only in kindergarten.



SPOTLIGHT

Cultivating the future

More than 500 employees participate in Corteva's global [Corteva Grows Science Outreach program](#). This program links them with opportunities to provide hands-on experiences for audiences of all ages around the world. When educational events and student learning moved to virtual formats during 2020, our Corteva Grows Science Outreach ambassadors got creative. They produced a playlist of [short videos](#) for educators and parents, explaining science and agricultural topics like seed germination, DNA extraction and drones. Short career [videos](#) were also created.

A library of educational resources including lesson plans, coloring books, activity books, videos and step-by-step STEM activities is also available on the program [website](#).





THE GOAL

Increase supply chain transparency from farmers to consumers, by leveraging digital tools that enable farmers to create additional value through transparency in agriculture markets, food systems, and communities

Food Supply Chain

Farmer



Warehouse



Mill/Processor



Distributor

Retail/
Supermarket

Consumer

Increasingly, consumers want to know where and how their food is produced. In fact, research shows that three out of five global consumers want to know more about where their food comes from and how it is made. This consumer trend is changing how food manufacturers and grain buyers/marketers contract commodities, requiring greater reporting and production detail to meet the demands of our global food supply chain.

Farmers are answering the call for greater production transparency. At Corteva Agriscience, we know transparency is critical to sustainability and we are innovating boldly to increase the pathways available to farmers that protect their data privacy while reducing the administrative burden and enabling them to realize increased value-add for their crops.



FEATURE

Serving up flavor and health

Corteva Agriscience is investing in the latest seed technology to deliver the best possible oils that meet the exacting demands of food manufacturers and consumers, as well as offering unique traceability to verify production details. [Healthy Oils](#) from Corteva, Omega-9 canola oil and Plenish® high oleic soybean oil are low in saturated fat and high in healthy, monounsaturated fats, providing superior performance and flavor. Our identity preservation program ensures and preserves the quality of the crop and its oil, delivering traceability from the farming region where the crop is grown to the facilities where harvested seeds become oil.



SPOTLIGHT

Tracing healthy oils from field to factory

Health-conscious consumers expect foods with labels that say 0g trans-fat. Food manufacturers and fast food restaurants seek out those oils that can meet this demand without sacrificing performance or taste. Oilseed suppliers continually look for producers who grow these crops and can provide the required level of verified data. Farmers want a soybean with strong agronomics and increased demand.

Corteva has developed [Plenish® High Oleic Soybeans](#) with 0g trans-fat, less saturated fat, and the highest amount of heart-healthy monounsaturated fat available in soy. We are helping farmers [easily connect](#) with oilseed suppliers who value this premium product. Leveraging our digital tools, our identity preservation program increases the level of transparency for consumers who choose products based on package labeling and want to trace the ingredients from field to factory.





THE GOAL

Every new Corteva Agriscience innovation will meet our sustainability criteria by 2025

We are a leader in predictive safety to determine environmental impact earlier in the crop protection product development process, enabling us to incorporate environmental safety into the earliest stages of product design.

By bringing sustainable solutions to the farm gate that increase yield stability, optimize inputs and improve climate resilience, we're supporting the prosperity of farmers and our planet for generations to come.

We are driving transformation and innovation in our agricultural system to meet future challenges. Consistent with our company's purpose, our product and service innovation begins by addressing the needs of farmers, enabling them to meet the evolving needs of consumers and the broader agriculture ecosystem.

Our innovation pipeline includes advancements in crop protection and seed, strengthened by our digital solutions. These technologies are designed to enable our industry to feed a growing population while preserving natural resources. Our process incorporates the UN Sustainable

Development Goals and Green Chemistry principles.

Our industry-leading processes and capabilities, such as our Predictive Safety Center, are grounded in a focus on value-creation while working to assess for sustainability-related considerations from the design stage. Every newly developed innovation from our pipeline is assessed at stage gates – at concept inception and throughout its development – to ensure it meets baseline requirements and advances in at least one sustainable innovation criterion, so that our portfolio maintains the level of performance for all other sustainability criteria, compared to a current Corteva product it would replace (or equivalent).

New innovations from our pipeline must advance at least one of these criteria:



- Increase access to safe, nutritious, and sufficient food
- Support genetic diversity of seeds and cultivated plants
- Improve resilience of agricultural production



- Reduce greenhouse gas (GHG) emissions



- Improve water quality
- Increase water use efficiency



- Improve soil quality and restore degraded land
- Protect biodiversity and ecosystems



- Reduce waste and improve product application efficiency
- Reduce food waste
- Use safer materials in manufacturing and finished products
- Use sustainably sourced renewable inputs



SPOTLIGHT

Our legacy of product innovation

Well before we publicly announced our product sustainability goal, we delivered sustainable seed and crop protection solutions to farmers. With six Green Chemistry Challenge Awards, we've been recognized by the U.S. Environmental Protection Agency more than any other agricultural input company for groundbreaking scientific and sustainable solutions to real-world environmental problems. Green chemistry focuses on designing chemicals that reduce or eliminate the use of hazardous substances and that reduce pollution at its source.

The U.S. EPA Green Chemistry Challenge Award ("Green Chemistry Challenge Award") is the country's most prestigious award program for green chemistry innovations, recognizing a new process or product that helps protect public health and the environment.





SPOTLIGHT

Sustainable solutions to help farmers grow a better crop

Developed prior to the announcement of our sustainability goals

Green Chemistry Challenge Award winner Rinskor™ active, an internationally recognized sustainable herbicide solution for rice fields, has expanded to provide weed control in pastures, turfgrass, corn, sugarcane and aquatics. Crop protection innovations such as Rinskor™ active are helping control weeds that have the largest impact on food supply, allowing farmers to produce more at affordable prices while maximizing natural resources.

Rinskor is a prime example of what advancing sustainable innovation means for agriculture, with its favorable human health and environmental profiles: it degrades rapidly in soil and aqueous environments, and has low toxicity to other organisms such as birds, insects, and fish. Its low use rates, which are up to 153 times lower than other commonly used rice herbicides, pose minimal risk to farmers, applicators and to other non-target animals and plants when used according to the label recommendations. These attributes contributed to Rinskor's "Reduced Risk Designation" from the U.S. Environmental Protection Agency.





SPOTLIGHT

Controlling pests sustainably

Developed prior to the announcement of our sustainability goals

Produced through a proprietary natural fermentation process, Qalcova™ active provides an organic solution for farmers in many regions—including Europe—and Jemvleva™ active provides a naturally derived solution for controlling a range of pests. Together, these two active ingredients—both Green Chemistry Challenge Award winners—provide farmers worldwide with effective insect control options for more than 250 crops, including fruits, vegetables, soybeans, corn, rice and others.

SPOTLIGHT

Enlisting nature to protect yields

Developed prior to the announcement of our sustainability goals

Inatreq™ active is a new fungicide for the control of key diseases in cereals and *Black sigatoka* in bananas. The naturally derived compound, produced by fermentation and a single chemical modification, gives farmers a new tool to help manage resistant weeds. It has low usage rates and fast biodegradation while delivering outstanding performance and excellent results, helping farmers to sustainably farm and thrive.

[Learn more](#) about the origin of Inatreq™.





SPOTLIGHT

Managing drought stress

Developed prior to the announcement of our sustainability goals

Optimum® AQUAmax® corn products deliver a yield advantage in water-limited environments and offer top-end yield potential under optimal growing conditions. These hybrids are bred to include key native traits that improve the crop's root system and silk emergence, among other agronomic characteristics, to manage drought stress and optimize performance within each unique growing environment.

SPOTLIGHT

Protecting crops and the planet

Developed prior to the announcement of our sustainability goals

Farmers around the globe trust Arylex™ active to safely and sustainably improve crop productivity and maintain healthy fields. It's effective at low use rates, has a favorable environmental profile and performs well across various climate conditions. It breaks down quickly in soil and crop residue, giving farmers freedom to rotate crops, which improves soil quality.

Every new product is assessed at concept inception and throughout its development to ensure it meets our sustainability requirements.



THE GOAL

Achieve a 65% intensity reduction in scope 1 and 2 emissions and 20% intensity reduction in scope 3 emissions by 2030

In 2021, we completed the process of collecting the annual baseline data needed—as a new company in a seasonal industry—to establish an appropriate climate strategy and emissions targets.

SCOPE 1 EMISSIONS
(2020 BASELINE)

460,000
metric tons CO₂e

SCOPE 2 EMISSIONS
(2020 BASELINE)

520,000
metric tons CO₂e

SCOPE 3 EMISSIONS
(2020 BASELINE)

6,400,000
metric tons CO₂e

When we announced our sustainability goals in June 2020, we pledged to establish a climate strategy for scopes 1, 2, and 3 emissions¹, including appropriate reduction targets.

We are now [committing to setting](#) Science Based Targets for greenhouse gas emissions reductions. By setting Science Based Targets, we are accountable for progress clearly aligned with a 1.5°C scenario or better—the level set by the Paris Agreement.

As farmers and the agriculture industry face the immediate impact of a changing climate, our commitment signals that we intend to do our part on this important issue. Doing more to address this global challenge today fortifies our ability to grow food, grow progress, and build a sustainable industry that will help humanity thrive for generations to come.

¹ Scopes 1 and 2 emissions are directly related to our operations. Scope 3 are from our upstream and downstream supply chain activities.



ENTERPRISE CLIMATE STRATEGY

We expect to achieve this goal through a variety of initiatives in our operations, including taking steps to reduce energy usage, focus efforts in R&D, increase production efficiencies, and transition to renewable energy sources.

INCREASING ENERGY EFFICIENCY

At our Waimea Research Center in Kauai, Hawaii, our legacy company, Pioneer Hi-Bred, began transitioning to solar energy with the installation of 1,500 panels in 2008. The panels generate 85 percent of the research center's energy needs.

TRANSPORTING PRODUCTS MORE EFFICIENTLY

Our Supply Chain Team in Japan was recently recognized by the Japan Association for Logistics and Transport for their work to improve transportation efficiency and reduce environmental impact.

The team adopted a new, more sustainable way to transport products using railway transportation which significantly improved productivity and reduced freight handling time and greenhouse gas emissions.

A STATE-OF-THE-ART, ZERO-EMISSIONS RESEARCH FACILITY

In Eschbach, Germany, we have announced our commitment to constructing a new modern, energy-efficient consolidated research center built to achieve zero emissions. The integrated R&D site will enable us to conduct state-of-the-art crop protection studies with European targets and establish a center of excellence for the research of resistance development. The facility is due to open in 2022.

[Learn more](#)



THE GOAL

All packaging will be reusable or recyclable by 2030



As we focus our research and development efforts to advance our seed and crop protection products, we are also working to increase the efficiency and sustainability of the packaging in which they are shipped and stored. Corteva Agriscience teams and facilities around the world are seeking and qualifying new materials and technology that will enable all packaging to be reused or recycled by 2030 and are reducing the use of virgin plastics.



In China, Corteva field teams have taken the lead in helping local farmers recycle parent seed bags and crop protection containers, instead of being burned or going in a landfill. In 2020, two collection sites took in more than 1.7 million bags/containers to recycle. This effort brings our farmer customers and field teams together in the effort to protect the environment.



SPOTLIGHT

Packaging innovations to protect farmers and our planet

Corteva Agriscience debuted an elegant and innovative packaging solution for the 2020 launch of our new cereals fungicide formulated with Inatreq™ active. The monomaterial angled-neck 5-liter bottle is the first package design of its kind in the ag marketplace. Its unique design improves sustainability by minimizing operator exposure, allowing easy product pouring, total emptying and rinsing, and easier recycling.

The packaging design was recognized with *Best Packaging Innovation* award at the Crop Science Awards by Agribusiness Intelligence at the 2019 Crop Science Forum.

[Learn more](#)





SPOTLIGHT

Recycling product containers

To make it easier for farmers to recycle crop protection containers, Corteva Agriscience is an active member of the [Ag Container Recycling Council](#) (ACRC). The Council is a US-based, industry-funded, nonprofit organization that safely collects and recycles agricultural crop protection, animal health and specialty pest control product containers. Since 1992, ACRC has recycled more than 200 million pounds of plastic, and each year reduces the carbon emission and energy consumption equal to removing more than 15,000 passenger cars from highways.





THE GOAL

Operate more sustainably through waste reduction, water conservation, enhanced biodiversity, increased transparency, and sustainable sourcing

ID&E

By 2025, 100% of our supplier community will attest to or affirm agreement with Corteva Supplier Code of Conduct guidelines and requirements

ID&E

25% of global procurement spend will be with diverse or small businesses



11%
of our sites implemented
biodiversity action plans in 2020



68.7
RepTrack Score
A score on openness
and transparency

Just as Corteva Agriscience works with farmers to advance sustainability in their fields and farms, we are also actively working to operate our business and our site locations more sustainably. As part of this goal, we pledged to increase sustainability efforts in our operations in multiple ways:

- 100% of seed operations achieve Zero Landfill Status
- Achieve an average 20% Process Mass Intensity (PMI) reduction for all new molecule launches within four years of launch
- Reduce water usage in high stress and stressed areas by 10% from our 2020 baseline of 56.7 million gallons
- Implement customized biodiversity action plans at 100% of our agronomic research centers and Corteva corporate sites
- Integrate industry-leading transparency processes and practices into our business operations
- 100% of priority suppliers meet procurement sustainability targets



SPOTLIGHT

Building pollinator habitats at Corteva locations

Many of our U.S. sites are home to [Corteva Grows Pollinator Habitats](#), particularly those sites in the monarch butterfly flyway along the Interstate 35 corridor between Minnesota and Texas. Corteva employees [volunteer](#) to install and maintain these habitats.

SPOTLIGHT

Building a diverse and inclusive supplier base

We value opportunities to explore relationships with business owners and leaders from diverse and traditional backgrounds. As part of our Inclusion, Diversity and Equity goals, we are committed to achieving 25% of global addressable spend with diverse suppliers and small businesses by 2030.

Our [Supplier Sustainability and Diversity website](#) outlines how we are engaging diverse groups in our procurement activities, including businesses owned and controlled by women, ethnic minorities, aboriginal and indigenous people, military veterans, individuals with disabilities, those who are LGBTQI, and small businesses. These diverse businesses help us serve our customers.





SPOTLIGHT

Sharing transparent information about plant breeding

The foundation of sustainability is being transparent with our customers, employees and communities. Modern agriculture and advances in biosciences are becoming increasingly complex. At the same time, consumers and other stakeholders want to know more about where and how their food is grown, the farming practices used, and the impact on our planet. To meet this growing need, we developed a new [website](#) to share information about plant breeding, how methods and techniques have evolved over time, and explain some of the newer technologies shaping modern plant breeding, such as gene editing.



Inclusion, Diversity and Equity

"At Corteva, our aspiration is to boldly embrace the power of inclusion, diversity, and equity to enrich the lives of our employees, customers, and suppliers to strengthen the performance of our company, while advancing equity in agriculture. We take this responsibility very seriously."

– Jim Collins
Chief Executive Officer
Corteva Agriscience

Since our first day as an independent company, inclusion, diversity and equity (ID&E) has been foundational to Corteva Agriscience. We are working to drive progress through multiple initiatives and for many stakeholder groups, including supporting smallholder farmers, incorporating diverse suppliers and small businesses into our supply base, offering memberships and sponsorships to underrepresented communities, recruiting talent from diverse colleges and universities, and forming diverse employee resource groups.

In 2020, we took proactive steps to grow these initiatives and identify ways to build on these foundational efforts. Spurred by numerous examples of social injustice around the world, we engaged in a series of listening

sessions to better understand the day-to-day experiences of our colleagues and the challenges many underrepresented groups face. In parallel, we conducted an in-depth analysis of our workforce and availability of diverse talent across our industry.

Leveraging insights from these listening sessions, our own data analysis, and input from additional stakeholders, we identified opportunities that would make the biggest difference within our company, and the broader agriculture industry. We expanded our ID&E strategy to be more focused, actionable, and specific to our business. We launched the revised plan with specific targets in early 2021. To create clear accountability for its implementation, this strategy is led by our Chief Human Resources and Diversity Officer.



INCLUSION, DIVERSITY, AND EQUITY

Our ID&E Principles

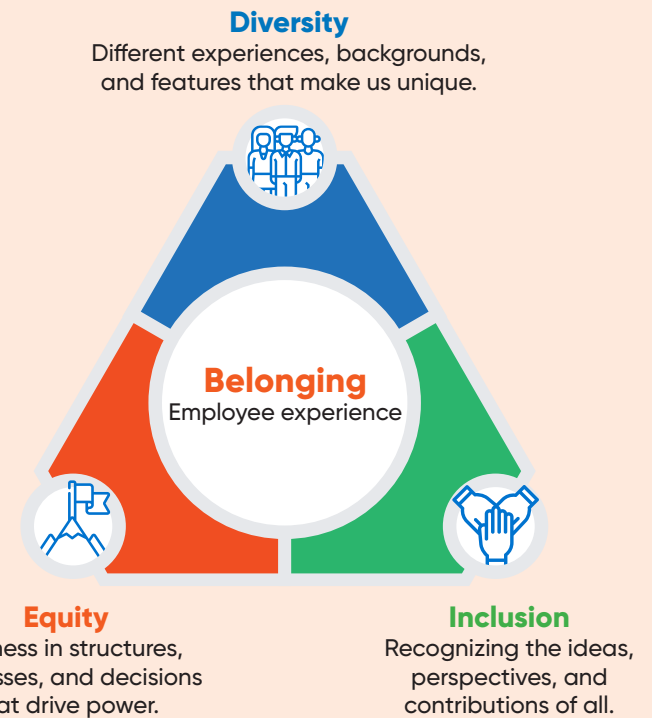
Leadership: Our values compel us to lean in, do the right thing, and challenge the status quo. As market shapers, we aim to drive change not only within our own walls, but across the broader agriculture industry.

Accountability: All people leaders are expected to embed ID&E into their performance plans. Additionally, our Executive Leadership Team is held accountable for meeting specific targets that contribute to our enterprise goals.

Continuous Improvement: Our plan is ambitious, yet achievable with the intent to accelerate progress, learn, expand the scope, and set our sights higher.

Collaboration: We are committed to engaging our employees, customers, suppliers, and other stakeholders in ongoing dialogue and working together to drive progress.

Openness and Humility: We believe that building trust, both internally and externally, is an essential part of our ID&E journey. We approach this important challenge with openness, humility, and compassion – with the understanding that we are all on this journey together.





INCLUSION, DIVERSITY, AND EQUITY

Our Strategic Pillars

"We are committed to accelerating our progress and applying what we learn along the way. It's about acting with intention and truly seeking to understand and grow."

– Meghan Cassidy
Chief Human Resources and Diversity Officer
Corteva Agriscience



Our strategy is built on three key pillars that reflect our commitment to advancing ID&E both internally and externally. Each pillar includes actionable goals to align our efforts and accelerate our progress.

CULTURE OF BELONGING

We are building a culture of belonging for our colleagues, offering ID&E learning and development opportunities to all levels of the organization, evaluating and improving equity across our people processes, and facilitating continuous dialogue between employees and leadership.

[View Goals](#)

DIVERSE EMPLOYEE REPRESENTATION

We are committed to achieving diverse representation throughout our organization by establishing clear goals, regularly tracking progress, and defining our global strategy for additional underrepresented categories.

[View Goals](#)

EXTERNAL IMPACT

Our commitment to ID&E goes beyond our company walls. We are partnering with customers, suppliers, and other industry stakeholders to address equity challenges in agriculture. This includes focused community outreach and leveraging our 2030 sustainability goals.

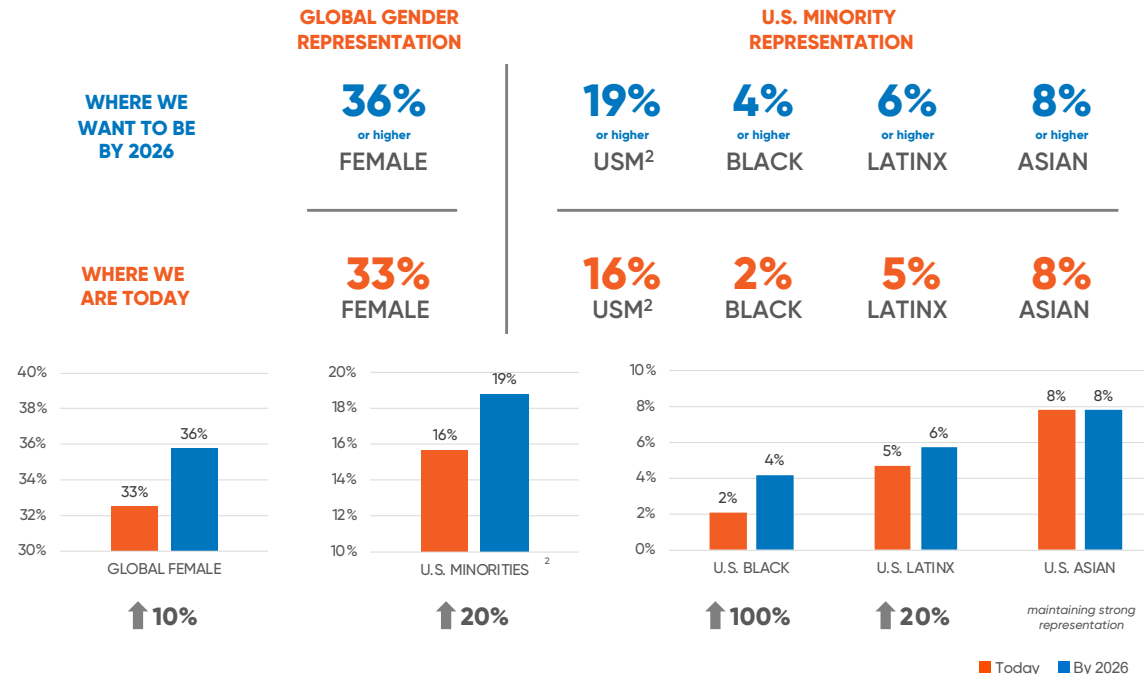
[View Goals](#)



INCLUSION, DIVERSITY, AND EQUITY

Laying the Foundations for Accelerated Progress

Our Five-Year Diverse Employee Representation Goals¹



¹ Refers to salaried employee population as of Sept 30, 2020 and excludes all fully dedicated Granular and DuPont Capital Management employees. All percentages have been rounded.

² USM = U.S. Minorities and includes the following U.S. racial/ethnic categories: Black or African American, Hispanic or LatinX, Asian, Native Hawaiian or Other Pacific Islander, Native American, and Two or More Races.



SPOTLIGHT

Business Resource Groups

Corteva Agriscience supports eight [Business Resource Groups](#) (BRGs)—each made up of dedicated colleagues who volunteer their time and talents to educate, uplift and inspire fellow colleagues and the communities we serve.

Despite the unprecedented challenges we faced in 2020, BRGs created opportunities to bring people together, exchange stories and build understanding. For example, our **Global African Heritage Alliance** provided invaluable insights and support as we responded to global incidents of social and racial injustice. This included prompting company-wide employee listening sessions with leadership and leading efforts to raise awareness of racial injustice and inequity in agriculture.

Our **Disabilities Awareness Network** offered programs and resources to help colleagues navigate challenges related to the COVID-19 pandemic, including how to manage caregiving responsibilities for loved ones with disabilities and cope with feelings of anxiety and depression.





SPOTLIGHT

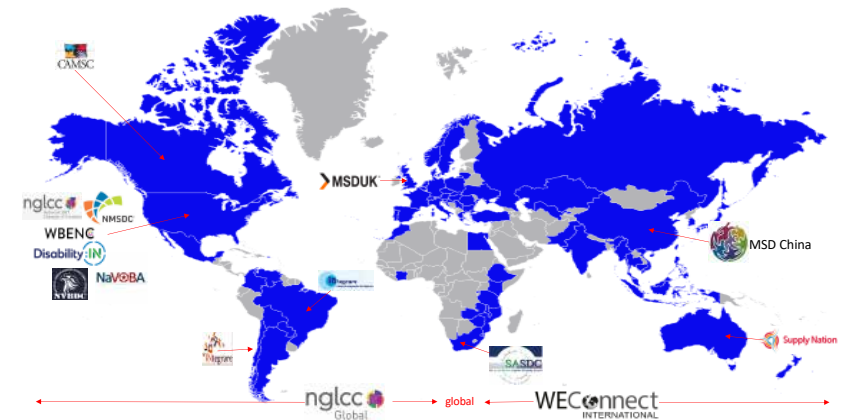
Diverse suppliers and small businesses

Corteva Agriscience supports eight categories of diversity globally in our supply base, including more than 76 subcategories, celebrating the richness of business owners everywhere. We proactively include diverse suppliers and small businesses in our sourcing opportunities, capitalizing on different perspectives and experiences to deliver innovative solutions for our customers.

Our supplier network includes relationships with advocacy and business certifying organizations worldwide.

[Learn more](#) about doing business with us.

Corteva's advocacy partners in promoting supplier diversity





DATA REPORTING

IN IT FOR GOOD.



2030 Sustainability Goals Baselines and Targets

Goal	Measure	Our 2020 Baseline	Our 2030 Target
Training	Number of farmers engaged in continuing education or knowledge transfer from Corteva or from partner trainers. Training consists of any engagement with a farmer on soil health, water stewardship, nutrient stewardship, biodiversity/habitat conservation, climate-smart agriculture, or resource efficiency that goes beyond the responsible use of Corteva products and services. Cumulative.	330,209	25,000,000
Smallholder Livelihoods	Number of smallholder farmers whose livelihoods were improved through activities that increase productivity, income, or sustainable farming practices, or some combination thereof. Cumulative.	15,682,301	500,000,000
Resilience	% increase in cropping system yields and % decrease in simultaneous GHG emissions through strategies including improvements in cropping system or management, input optimization, and digital decision support. 3-year average.	See here for details (varies by cropping system)	Yield: +20% GHG: -20%
Soil Health	Number of hectares of global agricultural land with improved soil health based on locally relevant frameworks and key indicators. Cumulative.	348,499	30,000,000
Water Stewardship	<i>Nitrogen Use Efficiency</i> Rate of improvement in unit yield per unit applied , versus the trendline, achieved through R&D and tech transfer to farmers and other customers. 3-year average.	Not reported in 2020 (varies by country)	Targeting outperformance of trendline
	<i>Reduced Consumption</i> Number of hectares across seed production and water stressed agricultural land where water conserving solutions are applied. Cumulative.	3,521	2,500,000
Biodiversity	Number of hectares where we have helped develop a sustainable management plan, which promotes the co-existence of livestock and wildlife, for an area of grazing land, and can demonstrate increased livestock productivity as a result of implementing that plan. Sustainable grazing varies for each region but promotes the co-existence of livestock and wildlife, while increasing productivity and native species proliferation. Practices include technology adoption, improved stocking rate, or rotational grazing. Cumulative.	108,313	10,000,000
Safety	Number of severe incidents , consisting of process safety and containment events (PSCE), work-related motor vehicle events, and injury illness events, in alignment with American Chemistry Council and industry reporting guidelines. Annual.	8	0
Community	<i>Communities</i> % of communities where we have significant corporate operations (>51 employees) (see "Engaging with Communities" in Appendix). Annual.	50%	100%
	<i>Countries</i> % of countries where we do significant business (see "Engaging with Communities" in Appendix). Annual.	54%	100%
Volunteering	Number of hours cumulatively volunteered by Corteva colleagues to support people and communities globally. Cumulative.	5,375.25 Q4 only; new tracking system	1,000,000

Additional measurement information is available in the goal disclosures for each pillar, which can be found here: [Farmers](#) [Land](#) [Communities](#) [Operations](#)



2030 Sustainability Goals Baselines and Targets

Goal	Measure	Our 2020 Baseline	Our 2030 Target
Innovate	% of newly developed innovations from our pipeline that meet sustainability criteria by meeting baseline requirements, delivering at least one sustainability advantage -- so that our portfolio maintains the level of performance for all other sustainability criteria -- compared to a current Corteva product it would replace or equivalent. Annual.	<i>Baseline in progress</i>	100% by 2025
GHG Emissions	Metric tons of CO2e emitted directly related to our operations (Scopes 1 & 2). Annual.	980,000	-65% per value added (based on net sales metric)
	Metric tons of CO2e emitted from upstream and downstream supply chain activities (Scope 3). Annual.	6,400,000	-20% per value added (based on net sales metric)
Packaging	% of packaging that is reusable or recyclable by design, including primary, secondary, and tertiary packaging. Annual.	<i>Baseline in progress</i>	100%
Operate sustainably	<i>Biodiversity Action Plans</i> % of centers and sites with customized biodiversity action plans. Annual.	11%	100%
	<i>Water Usage</i> Reduction of millions of gallons of water withdrawn in high stress and extremely high stress areas. Annual.	56.7	-10% from baseline
	<i>Our Business Operations</i> RepTrak corporate reputation score , as an external measure of progress in integrating industry-leading transparency processes and practices into our business operations. Annual.	68.7	<i>Targeting annual incremental improvement</i>

Additional measurement information is available in the goal disclosures for each pillar, which can be found here: [Farmers](#) [Land](#) [Communities](#) [Operations](#)



APPENDICES

IN IT FOR GOOD.



APPENDICES

2020 GRI Content Index

Disclosure	Description	Source	Location
102: Universal Standards (2016)			
1. Organizational Profile			
102-1	Name of the organization	Corteva, Inc. ("Corteva Agriscience" or "Corteva")	
102-2	Activities, brands, products, and services	2020 Annual Report: Item 1. Business	5-9
		Sustainability Report: Company Overview	12-15
		Products and Services	Webpage
102-3	Location of headquarters	Wilmington, Delaware, United States	
102-4	Location of operations	Sustainability Report: Company Overview	12-13
		2020 Annual Report: Note 24 – Geographic Country Selector	F-77
			Webpage
102-5	Ownership and legal form	2020 Annual Report: Item 1. Business	3
102-6	Markets served	Sustainability Report: Company Overview	12-13
		2020 Annual Report: Item 1. Business	3-9
102-7	Scale of the organization	Sustainability Report: Company Overview	12-13
		2020 Annual Report: Item 1. Business	3-10
102-8	Information on employees and other workers	2020 Annual Report: Item 1. Business	9-10
		Sustainability Report: Corteva Demographics	113
102-9	Supply chain	2020 Annual Report: Item 1. Business	3, 7, 9
102-10	Significant changes to the organization and its supply chain	None in 2020	
102-11	Precautionary Principle or approach	Sustainability Report: Precautionary Approach / UN Global Compact Principle 7	108
102-12	External initiatives	Sustainability Report: External Initiatives, Memberships and Partnerships	105
102-13	Membership of associations	Sustainability Report: External Initiatives, Memberships and Partnerships	105



Disclosure	Description	Source	Location
2. Strategy			
102-14	Statement from senior decision-maker	Sustainability Report: Message from Jim Collins, CEO	5
		Sustainability Report: Message from Anne Alonzo, CSO	6-7
102-15	Key impacts, risks, and opportunities	2020 Annual Report: Item 1A. Risk Factors	13-27; see specifically 15, 19
		Sustainability Report: Message from Jim Collins, CEO	5
		Sustainability Report: Message from Anne Alonzo, CSO	6-7
		Sustainability Report: 2020 TCFD Disclosures	100
3. Ethics and Integrity			
102-16	Values, principles, standards, and norms of behavior	Corteva Code of Conduct	6-30; see 15 for our expectations for partners including suppliers
102-17	Mechanisms for advice and concerns about ethics	Corteva Code of Conduct	31-32
4. Governance			
102-18	Governance structure	2021 Proxy Statement: Voting and Attendance Procedures, Corporate Governance	1, 4-10
		Sustainability Report: Sustainability Governance	103
102-19	Delegating Authority	Corteva Bylaws: Article IV – Officers	26-27
102-20	Executive-level responsibility for economic, environmental, and social topics	Sustainability Report: Sustainability Governance	103
102-21	Consulting stakeholders on economic, environmental, and social topics	Sustainability Report: Engaging with Stakeholders	104
102-22	Composition of the highest governance body and its committees	2021 Proxy Statement: Board Committees, Board Composition	8-10, 18-20
102-23	Chair of the highest governance body	2021 Proxy Statement: Corporate Governance Policies	5
102-24	Nominating and selecting the highest governing body	2021 Proxy Statement: Corporate Governance	4
		Corporate Governance Guidelines	3-4
102-25	Conflict of interest	2021 Proxy Statement: Related Person Transactions, Director Nominees, Compensation Committee Interlocks and Insider Participation	11-13, 24-25, 54
		Corporate Governance Guidelines	7
		Director Code of Conduct	1-9
		Corteva Code of Conduct	16-17
		Corteva Code of Financial Ethics	1
102-26	Role of highest governance body in setting purpose, values, and strategy	2021 Proxy Statement: Corporate Governance Policies, Board Committees, Sustainability Values and Initiatives	5, 8-9, 15
		Sustainability Safety & Innovation Committee Charter	1-4
		People and Compensation Committee Charter	1-4
102-27	Collective ESG knowledge of highest governance body	2021 Proxy Statement: Board Composition	19
102-28	Evaluating the highest governance body's performance	2021 Proxy Statement: Corporate Governance Policies	6
102-29	Identifying and managing economic, environmental, and social impacts	2021 Proxy Statement: Board Composition	19



Disclosure	Description	Source	Location
102-30	Effectiveness of risk management processes	2021 Proxy Statement: Board Composition	19-20
102-31	Review of economic, environmental, and social topics	2021 Proxy Statement: Sustainability Values and Initiatives	15
102-32	Highest governance body's role in sustainability topics	Sustainability Safety & Innovation Committee Charter	1-2
102-33	Communicating critical concerns	2021 Proxy Statement: Sustainability Values and Initiatives	15
102-34	Nature and total number 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.	
102-35	Remuneration policies	2021 Proxy Statement: Compensation Discussion and Analysis	32-43
102-36	Process for determining remuneration	2021 Proxy Statement: Compensation Discussion and Analysis	32-43
102-37	Stakeholders' involvement in remuneration	2021 Proxy Statement: Compensation Discussion and Analysis	32-43
102-38	Annual total compensation ratio	2021 Proxy Statement: CEO Pay Ratio	54
102-39	Percentage increase in annual total compensation ratio	2021 Proxy Statement: CEO Pay Ratio	54
5. Stakeholder Engagement			
102-40	List of stakeholder groups	Sustainability Report: Engaging with Stakeholders	104
102-41	Collective bargaining agreements	2020 Annual Report: Item 1. Business	10
102-42	Identifying and selecting stakeholders	Sustainability Report: Engaging with Stakeholders	104
102-43	Approach to stakeholder engagement	Sustainability Report: Engaging with Stakeholders	104
		2020 Annual Report: Item 1. Business	10
		ESG Overview: Stakeholders, Suppliers, Employees	11, 15, 21-24
102-44	Key topics and concerns raised	Sustainability Report: Engaging with Stakeholders	104
		ESG Overview: Stakeholders, Employees	11, 23
6. Reporting Practice			
102-45	Entities included in the consolidated financial statements	2020 Annual Report: Opinions on the Financial Statements and Internal Control over Financial Reporting	F-3
		2020 Annual Report: Subsidiaries of the Registrant	Exhibit 21
102-46	Defining report content and topic Boundaries	Sustainability Report: About This Report	4
102-47	List of material topics	Sustainability Report: Sustainability Goal Mapping	112
102-48	Restatements of information	Sustainability Report: About This Report	4
102-49	Changes in reporting	Sustainability Report: About This Report	4
102-50	Reporting period	Sustainability Report: About This Report	4
102-51	Date of most recent report	Sustainability Report: About This Report	4
102-52	Reporting cycle	Sustainability Report: About This Report	4
102-53	Contact point for questions regarding the report	Sustainability Report: About This Report	4
102-54	Claims of reporting in accordance with the GRI Standards	Sustainability Report: About This Report	4
102-55	GRI content index	Sustainability Report: 2020 GRI Content Index	88-96
102-56	External assurance	Sustainability Report: About This Report	4



Disclosure	Description	Source	Location
Economic Topic Standards			
GRI 201: Economic Performance (2016)			
103	Management Approach	Sustainability Report: Company Overview	12–13
201-1	Direct economic value generated and distributed	2020 Annual Report Cover: Financial Highlights	1, 3
201-2	Financial implications and other risks & opportunities due to climate change	2020 Annual Report: Item 1A. Risk Factors	15
		2020 Annual Report: Item 7. MD&A	77
		Sustainability Report: 2020 TCFD Disclosures	99–102
GRI 203: Indirect Economic Impacts (2016)			
103	Management Approach	Sustainability Report: Enrich smallholder livelihoods	27
		Sustainability Report: 2020 Data Baselines Table	85–86; see Smallholder Livelihoods and Community
		Sustainability Report: Engage with communities	54
203-2	Significant indirect economic impacts	Sustainability Report: Enrich smallholder livelihoods	27–32
		Sustainability Report: Sustainability Goal Mapping	112
GRI 204: Procurement Practices (2016)			
103	Management Approach	Sustainability Report: Operate sustainably	75–76
		Supplier Sustainability and Diversity	Webpage
204-1	Proportion of spending on local suppliers	Sustainability Report: Operate sustainably	75–76
		Sustainability Report: Suppliers	107
GRI 205: Anti-corruption (2016)			
103	Management Approach	Corteva Code of Conduct	5, 12–13, 15–17, 26, 31–32; see page 15 page for our expectations for partners including suppliers
		Supplier Code of Conduct	2–3
205-2	Communication and training about anti-corruption policies and procedures	Corteva Code of Conduct	31–32
		Supplier Code of Conduct	3
		Sustainability Report: Employee Training & Development	106
GRI 206: Anti-competitive Behavior (2016)			
103	Management Approach	Directors Code of Conduct	5–6
		Corteva Code of Conduct	12–19, 31–32; see page 15 page for our expectations for partners including suppliers.
		Supplier Code of Conduct	2–3
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	2020 Annual Report: Item 3. Legal Proceedings	29



Disclosure	Description	Source	Location
Environmental Topics			
GRI 301: Materials (2016)			
103	Management Approach	Sustainability Report: Use reusable and recyclable packaging	72
		Sustainability Report: Packaging	107
301-1	Materials used by weight or volume	Sustainability Report: Packaging	107
301-3	Reclaimed products and their packaging materials	Sustainability Report: Use reusable and recyclable packaging	72
		Sustainability Report: Recycling product containers	74
GRI 302: Energy (2016)			
103	Management Approach	Sustainability Report: Environmental Metrics	115
		Sustainability Report: Reduce our GHG emissions	70-71
302-1	Energy consumption within the organization	Sustainability Report: Environmental Metrics	115-116
GRI 303: Water and Effluents (2018)			
103, 303-1, 303-2	Management Approach	Sustainability Report: Advance on-farm water stewardship	42-44
		Sustainability Report: Provide farmer training	24
		Sustainability Report: Improve on-farm soil	39
		Sustainability Report: Operate sustainably	75
		Sustainability Report: Innovate sustainably	65
		Sustainability Report: 2020 Data Baselines Table	85-86
303-3	Water withdrawal	Sustainability Report: Environmental Metrics	115-116
303-5	Water consumption	Sustainability Report: Environmental Metrics	115-116
GRI 304: Biodiversity (2016)			
103	Management Approach	Sustainability Report: Enhance biodiversity	46
		Sustainability Report: Improve on-farm soil	39
		Sustainability Report: Operate sustainably	75
		Sustainability Report: Provide farmer training	24
304-3	Habitats protected or restored	Sustainability Report: Enhance biodiversity	47-49
		Sustainability Report: 2020 Data Baselines Table	85-86
		Sustainability Report: Operate sustainably	75
GRI 305: Emissions (2016)			
103	Management Approach	Sustainability Report: Reduce our GHG emissions	70-71
		Sustainability Report: Enable farming resilience	33
		Sustainability Report: Improve on-farm soil	39
		Sustainability Report: Provide farmer training	24
		Sustainability Report: Use reusable and recyclable packaging	72
		Sustainability Report: Operate sustainably	75
		Sustainability Report: 2020 TCFD Disclosures	99-102



Disclosure	Description	Source	Location
305-1	Direct (Scope 1) GHG Emissions	Sustainability Report: Environmental Metrics	115-116
305-2	Energy indirect (Scope 2) GHG emissions	Sustainability Report: Environmental Metrics	115-116
305-3	Other indirect (Scope 3) GHG emissions	Sustainability Report: Environmental Metrics	115-116
		Sustainability Report: Enable farming resilience	33
		Sustainability Report: Use reusable and recyclable packaging	72
		Sustainability Report: Operate sustainably	75
305-4	GHG emissions intensity	Sustainability Report: Environmental Metrics	115-116
305-7	Nitrogen oxides, sulfur oxides, and other significant air emissions	Sustainability Report: Environmental Metrics	115-116
GRI 306: Waste (2020)			
103, 306-1, 306-2	Management Approach	Sustainability Report: Use reusable and recyclable packaging	72
		Sustainability Report: Operate sustainably	75
		Sustainability Report: Packaging	107
306-3	Waste generated in metric tons (hazardous, non-hazardous)	Sustainability Report: Environmental Metrics	115-116
GRI 307: Environmental Compliance & 419: Socioeconomic Compliance (2016)			
103	Management Approach	Sustainability Safety & Innovation Committee Charter	2
		Corteva Code of Conduct	6, 18, 19, 21-27
		Supplier Code of Conduct	1-2
307-1, 419-1	Non-compliance with laws and regulations in the social and economic area	2020 Annual Report: Item 3. Legal Proceedings	29-30
GRI 308: Supplier Environmental Assessment & 414: Supplier Social Assessment (2016)			
103	Management Approach	Supplier Code of Conduct	1-2
		Sustainability Report: Operate sustainably	75
308-1	New suppliers that were screened using environmental criteria	Sustainability Report: Suppliers	107
414-1	New suppliers that were screened using social criteria	Sustainability Report: Suppliers	107
Social Topics			
GRI 401: Employment (2016)			
103	Management Approach	2020 Annual Report: Item 1. Business	9-10
		Sustainability Report: Worker and Human Rights	106
401-3	Parental Leave	Why Join Us: Parental Leave	Webpage



Disclosure	Description	Source	Location
GRI 403: Occupational Health and Safety (2018)			
403-1	Occupational health and safety management system	Sustainability Report: Occupational Health & Safety	114
		Sustainability Report: Employee Training & Development	106
		Sustainability Report: Protect health and safety	51
403-5		Corteva Code of Conduct	11
		Sustainability Report: Employee Training & Development	106
		Sustainability Report: Protect health & safety	51-53
403-6	Promotion of worker health	Why Join Us: Prospera Wellness Program	Webpage
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Supplier Code of Conduct	3
403-8	Workers covered by an occupational health and safety management system	Sustainability Report: Safety	114
403-9	Work-related incidents and frequency rates	Sustainability Report: Safety	114
GRI 404: Training and Education (2016)			
103	Management Approach	ESG Overview: Employee Engagement and Development	23
		2021 Proxy Statement: Human Capital Management	17
		Sustainability Report: Training & Development	106
404-1	Average hours of training per year per employee	Sustainability Report: Training & Development	106
404-2	Programs for upgrading employee skills and transition assistance programs	2021 Proxy Statement: Human Capital Management	17
GRI 405: Diversity and Equal Opportunity (2016)			
103	Management Approach	2020 Annual Report: Item 1. Business	10
		Culture of Belonging	Webpage
		Sustainability Report: Inclusion, Diversity and Equity	78-82
405-1	Diversity of governance bodies and employees	2021 Proxy Statement: Board Composition, Director Nominees	iii, 18, 21-27
		Sustainability Report: Corteva Demographics	113
GRI 406: Non-discrimination (2016)			
103	Management Approach	Corteva Code of Conduct	9
		Supplier Code of Conduct	2
406-1	Incidents of discrimination and corrective actions taken	Sustainability Report: Worker and Human Rights	106
		Sustainability Report: Inclusion, Diversity and Equity	78-82



Disclosure	Description	Source	Location
GRI 408: Child Labor (2016)			
103	Management Approach	Corteva Code of Conduct	8-11; see page 15 page for our expectations for partners including suppliers.
		Supplier Code of Conduct	1
		Corteva Statement: Child and Forced Labor	1-4
408-1	Operations and suppliers at significant risk for incidents of child labor	Sustainability Report: Operate sustainably	75
		Sustainability Report: Suppliers	107
GRI 409: Forced or Compulsory Labor (2016)			
103	Management Approach	Corteva Code of Conduct	8-11; see page 15 page for our expectations for partners including suppliers.
		Supplier Code of Conduct	1
		Corteva Statement: Child and Forced Labor	1-4
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	Sustainability Report: Operate sustainably	75
		Sustainability Report: Suppliers	107
GRI 411: Rights of Indigenous People (2016)			
103	Management Approach	Corteva Code of Conduct	8-11; see page 15 page for our expectations for partners including suppliers.
		Supplier Code of Conduct	1
		Sustainability Report: Operate sustainably	75
		Five-Year Diversity Representation Goals. Our five-year diversity representation goals include a target to increase US Minorities, a category which includes Native Hawaiian or Other Pacific Islander and Native American, by 20%.	2
411-1	Incidents of violations involving rights of indigenous people	Sustainability Report: Suppliers	107
GRI 412: Human Rights Assessment (2016)			
103	Management Approach	Sustainability Report: Worker and Human Rights	106
		Sustainability Report: Suppliers	107
		Sustainability Report: Inclusion, Diversity and Equity	78-82
		Corteva Code of Conduct	8-11; see page 15 page for our expectations for partners including suppliers.
		Supplier Code of Conduct	1
		ESG Overview: Human Capital Management	19-23
412-2	Employee training on human rights policies or procedures	Sustainability Report: Employee Training & Development	106



Disclosure	Description	Source	Location
GRI 413: Local Communities (2016)			
103	Management Approach	Sustainability Report: Engage with communities	54
		Sustainability Report: Volunteer our time	58
		Sustainability Report: Engaging with Communities (Additional ESG Information)	109
413-1	Operations with local community engagement, impact assessments, and development programs	Sustainability Report: Engaging with Communities (Additional ESG Information)	109
		Sustainability Report: 2020 Data Baselines Table	85-86
GRI 415: Public Policy (2016)			
103	Management Approach	Corteva Code of Conduct	29-30
		2021 Proxy Statement: Political Activities	16
		US Political Disclosures	Webpage
415-1	Political contributions	US Political Disclosures	Webpage
		Sustainability Report: Political Giving and Public Policy	113
GRI 416: Customer Health & Safety (2016)			
103	Management Approach	Sustainability Report: Product Stewardship and Regulatory	108
		Sustainability Report: Innovate sustainably	65-66
		Sustainability Report: Protect health and safety	51
416-1	Assessment of the health and safety impacts of product and service categories	Sustainability Report: Product Stewardship and Regulatory	108
		Product Stewardship and Product Information	Webpage
GRI 417: Marketing and Labeling (2016)			
103	Management Approach	Corteva Code of Conduct	12, 18
		Sustainability Report: Product Stewardship and Regulatory	108
		Anti-counterfeiting and Brand Protection	Webpage
417-1	Requirements for product and service information and labeling	Sustainability Report: Product Stewardship and Regulatory	108
		Bringing transparency to regulatory safety data	Webpage
GRI 418: Customer Privacy (2016)			
103	Management Approach	Corteva Code of Conduct	22-23
		Corteva Global Privacy Policy	Webpage
		Sustainability Report: Information security and privacy	108
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Sustainability Report: Information security and privacy	108



APPENDICES

2020 SASB Disclosures

In this section, our reporting uses the Standard for the Chemicals industry as defined by SASB's Sustainable Industry Classification System® (SICS®). Note that some responses may not fully align with individual SASB metric guidance but represent data most closely aligned with each metric.

SASB Chemicals Sustainability Standard (2018)

Topic	Accounting Metric	Category	Code	Response and Unit of measure
Greenhouse Gas Emissions	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	Quantitative	RT-CH-110a.1	460,000 metric tons (t) CO ₂ e
	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	Discussion and Analysis	RT-CH-110a.2	See pages 70-71 of the sustainability report
Air Quality	Air emissions of the following pollutants: (1) NO _x (excluding N ₂ O), (2) SO _x , (3) volatile organic compounds (VOCs), and (4) hazardous air pollutants (HAPs)	Quantitative	RT-CH-120a.1	Nitrous Oxides (NO _x): 690 metric tons (t) Sulfur Oxides (SO _x): 31 metric tons (t) Volatile Organic Compounds (VOCs): 239 metric tons (t) Hazardous Air Pollutants (HAPs): 30 metric tons (t)
Energy Management	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable, (4) total self-generated energy	Quantitative	RT-CH-130a.1	Total energy consumed: 9,457,366 Gigajoules (GJ) Percentage grid electricity: 46% Percentage renewable: 0% (based on rounding) Total self-generated energy: 3,261 Gigajoules (GJ)
Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Quantitative	RT-CH-140a.1	Total water withdrawn: 27,568 Thousand cubic meters (m ³) Total water consumed: 22,903 Thousand cubic meters (m ³) Percentage of water withdrawn in regions with High or Extremely High Baseline Water Stress: 0.78% Percentage of water consumed in regions with High or Extremely High Baseline Water Stress: 0.82%
	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Quantitative	RT-CH-140a.2	0 incidents of non-compliance
	Description of water management risks and discussion of strategies and practices to mitigate those risks	Discussion and Analysis	RT-CH-140a.3	Corteva systematically tracks and maps our water usage and other water-related risks using the newly developed Corteva Global Environmental Sustainability Tracking System for ongoing, corporate level monitoring and planning. We are mitigating water management risks down to the local level through our 2030 sustainability goals – specifically, those focused on advancing water stewardship by enhancing water quality and water use efficiency. See pages 42 and 75 of the sustainability report and related additional goal disclosures for each pillar here (Land) and here (Operations) .



SASB Chemicals Sustainability Standard (2018)

Topic	Accounting Metric	Category	Code	Response and Unit of measure
Hazardous Waste Management	Amount of hazardous waste generated, percentage recycled	Quantitative	RT-CH-150a.1	Amount of hazardous waste generated: 57,700 metric tons % of hazardous waste recycled: 28% (Q4 only; data not available prior)
Community Relations	Discussion of engagement processes to manage risks and opportunities associated with community interests	Discussion and Analysis	RT-CH-210a.1	See pages 54-57 of the sustainability report
Workforce Health & Safety	(1) Total recordable incident rate (TRIR) and (2) fatality rate for (a) direct employees and (b) contract employees	Quantitative	RT-CH-320a.1	TRIR: 0.35 injuries per 100 employees Fatality rate for direct employees: 0 Fatality rate for contract employees: 0
	Description of efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term (chronic) health risks	Discussion and Analysis	RT-CH-320a.2	See pages 51-53 of the sustainability report
Product Design for Use-phase Efficiency	Revenue from products designed for use-phase resource efficiency	Quantitative	RT-CH-410a.1	In the reporting year, Corteva generated approximately \$1.1B or 17% of 2020 Crop Protection net revenue from our U.S. Environmental Protection Agency Green Chemistry award winners ¹ . See pages 65-69 of the sustainability report for our goal related to use-phase resource efficiency.
Safety & Environmental Stewardship of Chemicals	(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, (2) percentage of such products that have undergone a hazard assessment	Quantitative	RT-CH-410b.1	While we conduct hazard assessments on required products, the request information is confidential.
	Discussion of strategy to (1) manage chemicals of concern and (2) develop alternatives with reduced human and/or environmental impact	Discussion and Analysis	RT-CH-410b.2	Corteva actively engages in adherence to green chemistry principles aimed at reducing human and environmental impact. These principles are considered through our sustainability goal of every new Corteva Agriscience product will meet our sustainability criteria by 2025 and applied across our existing U.S. EPA Green Chemistry Award winners. See pages 65-69 and 108 of the sustainability report.
Genetically Modified Organisms	Percentage of products by revenue that contain genetically modified organisms (GMOs)	Quantitative	RT-CH-410c.1	Corteva does not report the percentage of products by revenue that contain genetically modified organisms (GMOs). Read our position statement on this topic under "Agricultural Innovation" here and discussion in our 2020 Annual Report here .
Management of the Legal & Regulatory Environment	Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	Discussion and Analysis	RT-CH-530a.1	Corteva 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. See more here and on page 29 here .
Operational Safety, Emergency Preparedness & Response	Process Safety Incidents Count (PSIC), Process Safety Total Incident Rate (PSTIR), and Process Safety Incident Severity Rate (PSISR)	Quantitative	RT-CH-540a.1	PSIC: 7 Level 1 Process Safety and Containment Events (L1 PSCE events) PSTIR: 0.018 L1 PSCE Events per 200,000 hours worked PSISR: 0.039 L1/L2 PSCE Events per 200,000 hours worked
	Number of transport incidents	Quantitative	RT-CH-540a.2	1
Production by reportable segment		Quantitative	RT-CH-000.A	The requested metric is not an accurate representation of our production in aggregate; our net sales can be found in our sustainability report on page 12 .

1. Actives included in this calculation are: Spinosad, Spinetoram, Baiting and Monitoring, Rinskor, and Optinyte.



APPENDICES

2020 TCFD Disclosures

GOVERNANCE

The **Board of Directors** ("the Board") maintains oversight of climate-related risks and opportunities.

The Board's **Sustainability, Safety, & Innovation Committee** oversees Corteva's performance against our sustainability goals and sustainability-related matters. The committee's charter explicitly designates committee responsibility for oversight of climate-related risks and opportunities, with the responsibility to review and monitor the Company's climate change risks, plans, goals and targets, and review the progress against such goals and targets annually on behalf of the Board.

Corteva's **Chief Sustainability Officer** reports directly to our Chief Executive Officer and updates the Sustainability, Safety & Innovation ("SS&I") Committee of the Board on sustainability matters including climate-related topics at least annually, and usually quarterly. In addition, the Vice President of Global Environment, Health, Safety & Security and the Chief Technology Officer provide reports directly to the SS&I Committee and are responsible for driving progress on certain climate-related matters. Other executive management are also responsible for advancing strategic decision making within their departments on climate-related matters and are responsible for related business results.

A cross-functional committee comprised of senior management and chaired by the **Chief Sustainability Officer** meets at least annually, and usually quarterly, to gain alignment and discuss sustainability strategy and metrics, including climate-related matters.

At Corteva, climate-related risks and opportunities are assessed and managed across all business functions on a regular basis. Management regularly assesses and manages climate-related issues, as risks and as strategic opportunities for innovation and operational efficiency. One example is the opportunity for existing and new products and service offerings to meet the anticipated demands of climate-smart agriculture and mitigate the impact of extreme and volatile weather. Climate-related management spans multiple **functions** across Corteva, including R&D, operations and others. R&D considers long-term climate change impacts and opportunities in the development of the next generation of products. Operations monitors, manages, and responds to short-term and medium-term climate-related impacts and opportunities, and others.

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.

Board of Directors	Board of Directors*			
Board Committes	Audit	Nomination and Governance	People and Compensation	Sustainability, Safety and Innovation*
Chief Executive Officer	Chief Executive Officer			
Executive Management	Other Executive Management, including Executive Officers and other Officers			Chief Sustainability Officer*
Senior Management Committees	Chaired by Anne Alonzo; Senior Leadership Team representation across functions and regions			
Functions	All business functions managing across Corteva, including R&D, operations and others*			
All Employees	All employees have sustainability as a performance goal category; key individuals responsible for climate-related initiatives.*			

*Indicates emphasis on core governance for climate-related risks and opportunities



STRATEGY

Corteva believes that climate change is an important global environmental concern that presents significant risks and opportunities for Corteva, its customers and value chain, and society. We are continually improving the ways that our business, strategy and financial planning take into account actual and potential climate-related risks and opportunities. Management regularly assesses for potential risks and opportunities for the business. Internal subject matter experts and external stakeholders provided input into Corteva's first [non-financial materiality assessment](#)¹, which contributed to the validation of certain key risks and opportunities relating to climate.

Our potential climate-related risks include:

1. **Failure to innovate and commercialize products to meet farmer customer needs in the face of changing climate-related growing conditions, could potentially reduce sales and earnings.** In an environment in which farmers are significantly and adversely affected by climate-related impacts, including the rising intensity of extreme weather events which could affect the quality, volume and cost of products produced for sale as well as the demand, product mix, and level of customer returns due to an adverse impact on customers' ability to use Corteva's products. This would potentially reduce our sales volumes, revenues and margins on specific products and services. Climate change may also negatively impact the demand for Corteva products due to customers not being able to plant, as a result of the availability and suitability of arable land, and create unpredictable shifts in the average growing season and types of crops produced. These forces will have varying impact globally.

Risk mitigating sustainability goals: [training](#), [smallholder livelihoods](#), [resilience](#), [soil health](#), [water stewardship](#), [biodiversity](#), [innovate sustainably](#)

2. **Potential risk of changes in precipitation patterns and extreme weather volatility, resulting in potential increased costs and/or limited supply of raw material inputs necessary for the products and services we sell, potentially increasing cost of production and impacting margins.** Corteva's input costs are variable based on the costs associated with production or with raw materials it relies upon, including natural and bio-based raw inputs to produce many of our products. There is a potential risk that certain raw ingredients will not be available in a climate-constrained environment, with unpredictable shifts in the average growing season, physical degradation of arable land due to extreme weather events and other climate-related impacts, affecting supply and demand with varying impact globally. If Corteva is not able to fully offset the effects of higher input costs, it could have a significant impact on its business, results of operations and financial condition.

Risk mitigating sustainability goals: [water stewardship](#), [innovate sustainably](#), [packaging](#), [operate sustainably](#)

3. **Potential risk of limited progress in managing our Scopes 1, 2, and 3 GHG emissions or potential lack of timely adoption of climate-smart operational practices.** New market-based or regulation-driven costs related to climate change or other environmental concerns could impact our ability to secure or retain key supply chain partnerships due to lack of progress in managing our own GHG emissions or from increased costs of production. Failure by one or more third parties to meet their contractual or other obligations to Corteva or to comply with applicable laws or regulations, or any disruption in our relationship with one or more third party providers could delay or prevent the development, approval or commercialization of Corteva's products and could also result in operational disruptions, non-compliance with regulatory requirements, and/or reputational harm, all with potential negative implications for Corteva's business.

Corteva's operations are dependent on oil, natural gas, and other fuels to generate the majority of energy inputs on-site. In addition, we rely on secure water supplies that do not exacerbate local water stress, waste generation infrastructure that protects the environment, and chemical inputs that do not adversely affect human safety and health. Increasing resource constraints, climate-related events, and new regulations related to climate change or other environmental concerns, could adversely impact, or interrupt, our access to these inputs, and our operations generally. Such operational impacts might negatively impact our reputation, results of operations, and financial condition.

Risk mitigating sustainability goals: [resilience](#), [water stewardship](#), [GHG emissions](#), [packaging](#), [operate sustainably](#)

Corteva has also identified several climate-related opportunities, which can help to address climate-related risks. Corteva is working to shrink its role in the emission of greenhouse gases while enabling a more resilient agriculture value chain.

Opportunities include:

1. **Product innovations that apply Green Chemistry Principles, including "design for energy efficiency" and "use of renewable feedstocks".** As noted in our 2020 Annual Report on Form 10-K, we continuously evaluate opportunities for existing and new product and service offerings to meet the anticipated demands of climate-smart agriculture and mitigate the impact of extreme and volatile weather. Corteva's market-driven innovation process affords us the opportunity to prioritize sustainability early in the product development process. As a result of this approach, Corteva holds six U.S. EPA Green Chemistry Challenge Awards – more than any other company in the agriculture industry.

One suite of products in market in 2020 with specific potential carbon benefits is our nitrogen stabilizers, using exclusive Optinyte technology (see discussion of benefits at <https://www.corteva.us/products-and-solutions/crop-protection/Nitrogen-Stabilizers.html>

Opportunity sustainability goals: [innovate sustainably](#)

¹The 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 Health and Safety Act, or any other federal, state, local or foreign law, rule or regulation.



- 2. Support of resilient, climate positive agriculture practices by farmers.** We have an opportunity to support farmers to implement climate positive agriculture practices through external advocacy, best practices training and Corteva products and services. This support can help to increase resilience of arable land and can also contribute to climate change mitigation. Through our Climate Positive Commitment, including associated new initiatives announced in 2021, we aim to help support agricultural practices that align with a transition to a climate-smart economy.

Opportunity sustainability goals: [training](#), [smallholder livelihoods](#), [resilience](#), [soil health](#), [water stewardship](#), [biodiversity](#)

- 3. Use of product, manufacturing, and packaging innovations to manage reliance on raw material inputs.** Corteva's market-driven innovations can also help Corteva to manage its use of certain raw material inputs, for example for seed production. In addition, Corteva has a goal to make all primary, secondary, and tertiary product packaging reusable and recyclable, extending the potential useful life of these inputs. Corteva has and continues to consider environmental criteria in packaging design, applying circular economy principles and resulting in distinct improvements in reduced overall plastic use and reduced waste. For example, in early 2020, a new single neck 20L drum was introduced; it uses [20% less plastic](#) than before and allows for reduced spillage.

Opportunity sustainability goals: [water stewardship](#), [innovate sustainably](#), [packaging](#), [operate sustainably](#)

- 4. Contribution to the mitigation of global climate change impacts by managing our Scopes 1, 2, and 3 GHG emissions and timely adoption of climate-smart operational practices.** Corteva is also working to decrease its greenhouse gas emissions. In 2019, we developed a new global environmental tracking system, to track environmental metrics including those related to GHG emissions. The company recently completed baseline assessments of our Scope 1, Scope 2 and Scope 3 greenhouse gas emissions. In addition, in 2021, we made a commitment to the Science Based Targets Initiative – joining with business climate leaders across the globe to lead the zero-carbon transition by setting science-based emissions reduction targets.

Opportunity sustainability goals: [resilience](#), [GHG emissions](#), [packaging](#), [operate sustainably](#)

We are continually seeking to improve the ways that our business, strategy, and financial planning can take into account climate-related risks and opportunities. For example, in early 2020, Corteva established an internal Life Cycle Assessment (LCA) competency. LCA is a science-based, holistic approach to quantifying environmental impacts throughout the value chain of a product or process. In addition, to gain a fuller understanding of how climate change might impact our business, Corteva is in the process of conducting its first qualitative climate-related scenario analysis based on TCFD's recommendations and expects to make a summary of results available in the second half of 2022. Corteva aims to follow this assessment with a quantitative analysis of financial impacts. These analyses will enhance our understanding of climate-related impacts and help us refine our future strategy.

Risk Management

Corteva integrates processes for identifying, assessing and managing climate-related risk into its enterprise-wide risk management. We specifically included climate-related risks and opportunities in our monitoring and management processes when Corteva became an independent public company. With oversight by the Sustainability, Safety, & Innovation Committee, Chief Sustainability Officer, and Chief Technology Officer, climate-related risks are monitored, managed and mitigated across all business and operational functions on a regular basis.

In 2019, Corteva completed its first non-financial materiality assessment¹ and developed a global environmental metrics tracking system to gather data from sites globally related to GHG emissions and other environmental factors related to climate. Such processes enable us to make risk-informed decisions over the short-, medium-, and long-term across all business functions and geographies.

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 organization. This spans multiple areas across Corteva – including R&D, operations and others. R&D considers usually long-term climate change impacts and opportunities in the development of the next generation of products. Operations monitors, manages, and responds to usually short-term and medium-term climate-related impacts and opportunities. The Sustainability, Safety & Innovation Committee provides oversight of the Company's innovation pipeline.

As discussed, we plan to further develop climate-related scenario analyses based on the Taskforce for Climate-Related Financial Disclosures' (TCFD) recommendations to help us better identify, assess, and manage such risks.

¹The 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 Health and Safety Act, or any other federal, state, local or foreign law, rule or regulation.



Metrics and Targets

In 2020, on our one-year anniversary as an independent public company, Corteva set 14 ten-year sustainability goals. For each goal, we established key performance indicators and criteria to achieve the goals. All of our sustainability goals are included on our website at www.corteva.com/sustainability.html. Several of these goals are climate-related and, therefore, we intend to manage our climate-related risks and opportunities based upon performance against these targets.

Specifically related to GHG emissions, we recently completed the baseline assessment of our Scopes 1, 2, and 3 greenhouse gas emissions as an independent public company and have set GHG emissions reduction targets.

In 2021, Corteva committed to setting Science Based Targets for GHG emissions reductions, consistent with a 1.5°C level scenario. In line with this, Corteva set intensity-based¹ targets to:

- Reduce Scopes 1 & 2 GHG emissions by 65% per value added by 2030, from 2020 baselines
- Reduce Scope 3 GHG emissions by 20% per value added by 2030, from 2020 baselines

Corteva's 2020 GHG emissions baselines are:

Scope 1: 460,000 MT CO₂e

Scope 2: 520,000 MT CO₂e

Scope 3: 6,400,000 MT CO₂e

As a next step in setting Science Based Targets, Corteva's GHG emissions reduction baselines and targets will be vetted by the Science Based Targets Initiative ("SBTi"). Based on the results of this assessment, we will adjust our targets, as appropriate, to reflect validation by SBTi that they are science-based.

Read more about our GHG emissions reduction targets [here](#).

Related Reports & References

[Corteva's 2020 Sustainability Report](#)

[Corteva's 2020 Annual Report](#)

[Corteva's SS&I Committee on the Board of Directors Charter](#)

[Corteva's Position Statements](#)

¹ Intensity is indexed relative to value added (reduction per a \$ net sales based figure).



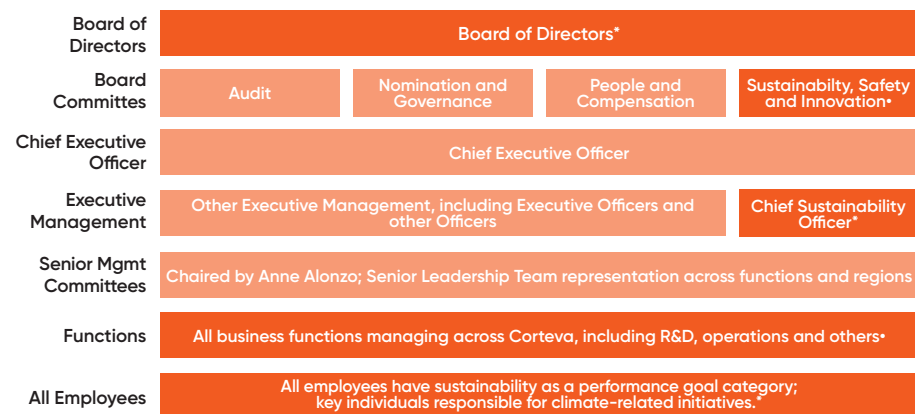
APPENDICES

Additional ESG Information

Sustainability Governance

Our commitment to sustainability and corporate responsibility is integrated into our business through our purpose, governance structures, business model, and sustainability goals. 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 leadership team and Board of Directors on ensuring that Corteva consistently advances the future of agriculture.

Sustainability initiatives are overseen by our Board of Directors and its Committees.



*Indicates emphasis on core governance for climate-related risks and opportunities

The Board Committee with primary responsibility for sustainability-related topics is the Sustainability, Safety and Innovation ("SS&I") Committee. Our Sustainability, Safety and Innovation Committee regularly monitors the company's sustainability measures and efforts, including progress against goals and commitments and climate-related risks and opportunities, and provides oversight of the risks related to the company's innovation pipeline. In addition, our Nomination and Governance Committee retains oversight of our ethics and compliance programs, which reinforce our values. Our People and Compensation Committee oversees the company's human capital management and inclusion, diversity, and equity strategy.

The Corteva Board of Directors delegates authority for management of the company, including economic, environmental, and social sustainability issues, to appropriate senior function and business leaders ("executive management").

Corteva's Chief Sustainability Officer reports directly to our Chief Executive Officer and updates the SS&I Committee of the Board on sustainability matters, including climate-related topics, at least annually, and usually quarterly. In addition, the Vice President of Global Environment, Health, Safety and Security and the Chief Technology Officer report directly to the SS&I Committee and are responsible for driving progress on certain sustainability-related matters. Other executive management are also responsible for advancing strategic decision making within their departments on sustainability matters and are responsible for related business results.

On a regular basis, and usually monthly, the executive management team meets to discuss economic, social, and environmental topics. As part of this, the executive management team is accountable for updates and coordinating contributions to advancement of our sustainability program, goals, and metrics.

Sustainability, ethics, and diversity, inclusion, and equity matters are supported by senior management committees that make recommendations to our Board and Committees, and drive implementation of Corteva's sustainability initiatives. For example, one cross-functional committee comprised of senior management and chaired by the Chief Sustainability Officer meets at least annually, and usually quarterly, to gain alignment and discuss sustainability strategy and metrics, including climate-related matters.

At Corteva, sustainability matters are assessed and managed across all business functions on a regular basis as an integral part of business strategy.

Accountability for business and sustainability results extend company wide. All employees have sustainability as a performance goal category for annual performance assessments. Across the business, key individuals who are responsible for sustainability initiatives may have annual performance goals tied to the delivery of projects related to these initiatives.



Engaging with Stakeholders

Stakeholder engagement is an essential element of our Enriching Lives Together Sustainability Strategy. Corteva 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, nonprofits, communities, government bodies, scientists, and trade associations. Corteva regularly meets or engages with these stakeholders in a variety of ways throughout the year. This includes our stockholders. Discussion about engagement efforts with stockholders can be found on [page 15 of the 2021 Proxy Statement](#).

Understanding the needs and interests of our stakeholders has been crucial to focus our strategy, identify priorities and target activity where we can have the most positive impact. We have engaged stakeholders in our non-financial materiality assessment¹ and through the development of our 2030 sustainability goals, including engagement in 2020 prior to and after announcing our 10-year goals. For example, stakeholders including trade associations, nonprofits, scientists, shareholders, and value chain partners provided valuable feedback during and following goal announcement in 2020, provided specific feedback encouraging further insight into our approach to certain topics and invited additional dialogue to explore our priorities and areas for collaboration. This feedback was incorporated into our planning and is reflected in this report.

This engagement remains equally crucial as we monitor and report on progress. Collaboration will be 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 future. Stakeholder engagement can take many forms, including but not limited to education/information sharing, innovation and collaboration, consultation, incentivization, compliance and onboarding, and information collection.

We are committed to continuing to engage stakeholders through our Enriching Lives Together Sustainability Strategy, 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 will always conduct our business activities ethically and transparently. Our customers, business partners, shareholders and other stakeholders expect nothing less of us.

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 Health and Safety Act, or any other federal, state, local or foreign law, rule or regulation.



External Initiatives, Memberships and Partnerships

Corteva supports several external initiatives and organizations. Examples include:

United Nations Sustainable Development Goals	Corteva supports advancing progress towards the United Nations Sustainable Development Goals (UN SDGs). In addition to developing our 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. See "Alignment of Corteva's Goals to UN SDGs and Materiality Topics" for details.
United Nations Global Compact	Corteva supports the principles of the UN Global Compact. The UN Global Compact 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 Sustainable Development Goals, with an emphasis on collaboration and innovation.
Sustainability Accounting Standards	We follow the approach of SASB, beginning with drawing on SASB material topics as part of materiality assessment development, and now by including a SASB reference as part of our inaugural sustainability report.
Science Based Targets Initiative	The Science Based Targets Initiative (SBTi) is a partnership between CDP, the United Nations Global Compact, World Resources Institute (WRI) and the World Wildlife Fund for Nature (WWF). SBTi drives ambitious climate action in the private sector by enabling companies to set science-based emissions reduction targets. Corteva has committed to setting Science Based Targets for greenhouse gas emissions reductions.
Taskforce for Climate-Related Financial Disclosures	As part of our continuing science-based journey, we are sharing progress in line with TCFD guidelines on governance, strategy, risk management, and target setting for climate-related risks and opportunities.
Responsible Care Program	Responsible Care® is the chemical manufacturing industry's environmental, health, safety and security performance initiative. For more than 30 years, Responsible Care has helped American Chemistry Council (ACC) member companies significantly enhance their performance and improve the health and safety of their employees, the communities in which they operate and the environment as a whole.
Together for Sustainability	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 now including scope 3 GHG emissions. TfS delivers the de facto global standard for environmental, social and governance performance of the chemical supply chains. The program is based on the UN Global Compact and Responsible Care® principles.
Ag Container Recycling Council	The Ag Container Recycling Council (ACRC) is an industry funded nonprofit 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.

In addition, Corteva is involved in several 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. For example, Corteva is a member of the World Business Council for Sustainable Development (WBCSD). WBCSD is a global, CEO-led organization of over 200 leading businesses working together to accelerate the transition to a sustainable world. The organization focuses on the maximum positive impact for shareholders, the environment and societies. As a member, Corteva colleagues actively participate in certain working groups and initiatives as part of WBCSD. Other partnerships and collaborations are noted throughout the sustainability report.



Worker and Human Rights

Policies

Corteva's Code of Conduct provides the guiding ethical principles for all employees regarding workforce, labor, safety, and human rights, and other topics to uphold our corporate value to Be Upstanding. This Code of Conduct also states that we choose to work with business partners who share our commitment to the highest ethical standards; these expectations are outlined in the Supplier Code of Conduct including its Human Rights section as well as our policy against Child and Forced Labor.

As noted in the Corteva Code of Conduct, Corteva does not accept any excuses for discrimination.

Corteva is committed to equality and human rights for all and is honored to be named as a "2020 Best Place to Work for LGBTQ+ Equality" by the Human Rights Campaign. Additionally, Corteva has signed the Business Statement for Transgender Equality. Corteva strives to achieve fairness in the structures, processes, and decisions that drive equitable empowerment for our employees. We work to ensure our policies, business practices, and decision-making processes are transparent and just within the company. As part of our commitment to equity, we are in the process of undertaking a pay equity assessment. Corteva plans to conduct this analysis on a regular frequency. The results are not publicly available.

Non-discrimination and harassment

Beyond the Code of Conduct, Corteva 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 (see "Employee Training & Development" in this section for more information).

Enforcement

Incidents are reviewed regularly; Corteva discloses incidents to the Board of Directors on at least an annual basis and usually quarterly. In 2020, there were 23 substantiated reportable incidents globally of violations to the Discrimination, Harassment and Retaliation Prevention Policy or the Respect & Responsibility Policy. As result of these cases, 19 involuntary termination actions were taken and nine cases had disciplinary action and/or remediation plans implemented. Note: some cases had multiple outcomes, so the number of actions exceeds the total number of cases.

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, or 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. These risks may occur in a supply chain. See "Suppliers" in this section for more information.

Employee Training & Development

Training and development tools are provided to all employees through 3rd party and internally developed curricula, for compliance, enrichment, upskilling. See more in our 2021 Proxy Statement [here](#) or in our ESG Overview [here](#).

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 protection and vehicle safety).

In addition to training, other benefits such as paid tuition programs are offered. On average, employees spend a minimum of ~4.9 hours per year on training, in addition to training provided by individual functions.



Suppliers

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. By 2025, we expect 100% of Corteva's suppliers will agree or attest to Corteva's Supplier Code of Conduct. While Corteva has an important role to play in these issues, risks may occur within the supply chain.

Corteva, 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 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 facilities in each region around the world. In addition, the Supplier Code of Conduct outlines expectations for environmental partnership including systems, and reporting.

In addition, we have a target that 100% of packaging and chemical suppliers, which include packaging and chemical suppliers, will meet our procurement sustainability targets by 2030. This work is supported by our membership in Together for Sustainability (TfS) and the tools they offer to chemical companies and their suppliers such as frameworks, TfS assessments and social and environmental TfS audits. Today, there are certain additional documented processes beyond the Supplier Code of Conduct in place to consider factors such as environmental management, health, and safety in screening new suppliers or partners. The Supplier Code of Conduct states that we will choose to work with partners who seek to implement sustainable production processes and who proactively minimize the environmental impact of their operations.

Additional details regarding diversity and sustainability expectations for our suppliers can be found on the [Supplier Sustainability and Diversity website](#), in the discussion of our related goals in this report, and in the Supplier Code of Conduct.

Life Cycle Assessment (LCAs) Competency

In early 2020, Corteva established an internal Life Cycle Assessment (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. Industry, academia, and government agencies have applied LCA for many purposes over the years. The vision and purpose for the LCA competency aligns with each of Corteva's Market Shaper behaviors and values.

Over the past year, Corteva has used LCA and its methodologies to:

- ✓ Support the corporate sustainability goals
- ✓ Provide subject matter expertise and guidance for leadership
- ✓ Understand the environmental footprint of select products
- ✓ Communicate with key stakeholders

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 Corteva's 2030 sustainability goals.

Packaging

Corteva aims to take a circular economy approach to the use of packaging materials which 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 which are used for intermediate and internal development are out of scope.

Corteva has a global packaging council and regional packaging steering teams who build sustainable progress into packaging decisions relating to eco-design, rationalization, purchasing and supply across our regions. This includes the implementation of our goal to use only reusable and recyclable packaging by 2030, including ongoing support of ag container recycling and collection schemes globally.

REUSABLE

A packaging item will be considered as reusable as long as:

- It is designed to be reused.
- And there is a business model in place to re-use 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.

We are evaluating our current full portfolio to identify our baseline and priority process needed in packaging material to make progress.

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.



Product Stewardship & Regulatory

Our Approach

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. Read more about process rigor at each stage [here](#).

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. They also support efforts to protect the environment. This requires us to follow rigorous protocols and meet the highest standards of regulatory review. As a member and in practice, we are aligned to American Chemistry Council (ACC) Responsible Care® standards and follow registrations, labeling, and stewardship in accordance with local country-level law and registration requirements.

Corteva's biotechnology products are closely regulated worldwide, registered by individual country, and re-registered for use over time. Each new product typically requires that the company seeking approval carry out an extensive set of studies, as well as generate ongoing data after approval as part of periodic reviews and safety monitoring by regulatory authorities. They must meet or exceed stringent risk assessments for important environmental factors at use and end of use (environmental fate (residual footprint), animal- and eco-toxicological effects). Corteva uses externally recognized methods, often exceeding requirements. Our industry-leading Predictive Safety Center designs products with environmental factors in mind, rather than researching impacts after design. We conduct meta-analysis, lab and field studies, and conduct 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 makes Labels, Safety Data Sheets, and Product Use Guides available online informationally.

See U.S. examples for:

- Crop Protection: <https://www.corteva.us/labels-and-safety-data-sheets.html>
- Traits: https://www.corteva.us/Resources/trait-stewardship.html#ProductUseGuides&BestManagementPractices_2

Global equivalents can be found here using the country selector: <https://www.corteva.us/country-selector.html>

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

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. See "Product Stewardship" in this section for additional details on these measures.

Information Security & Privacy

Corteva Agriscience has a robust information security training and compliance program that is at least annual, and includes components such as phishing, logical access, and general cybersecurity awareness. Corteva's Chief Information Security Officer (CISO) reports to the audit committee of the Board of Directors on information security matters at least 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 (NIST) standards.

Corteva also has a robust privacy program that is part of the Corteva Risk 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 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 has had no substantiated complaints received from a regulator or outside party related to a Corteva breach in 2020, 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 categories.



Engaging with Communities

Program Overview

Corteva Grows is Corteva Agriscience's global, company-wide strategy and program for corporate citizenship and philanthropy. Corteva 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 life quality challenges.

Additional details about Corteva's community investment efforts can be found on our [website](#).

Corteva Grows' three pillars of empowering women, enabling youth, and engaging communities reflects the program's key priorities and support the UN Sustainable Development Goals (UN SDGs):

Empower Women UN SDG: Zero Hunger

Globally, 821 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 worldwide. Corteva is dedicated to working in concert with farmers, local businesses, schools, governments, and nonprofits to unlock solutions that help feed the world and ensure sustainable food security. We are working to solve the world's food problems through innovation, technology, and putting people first. We champion women in ag to help them succeed and bring prosperity to their communities.

Enable Youth UN SDG: Quality Education

We support projects and programs that lead to educational achievement, 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.

Engage Communities UN SDG: Sustainable Cities and Communities

Corteva is driven by a purpose to enrich the lives of those who produce and consume agriculture 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 employees share their expertise to help build awareness around food security, science education, green space and community success. Our communities are the heart of Corteva Agriscience. We help improve the quality of life in communities where we live and work, striving to meet the unique needs of each community. Our volunteer efforts in local programs will ensure that our success is community success.

2030 Goal Calculation

Corteva Grows supports community investment and employee engagement across Corteva's global footprint of ~140 countries in our reporting regions.

Through our 2030 sustainability goals, we are accountable for progress in programming across our business footprint – both in the communities where we have significant operational sites (50+ employees), and in the countries that represent a measurable portion of where we do business.

Examples of communities where we have programs:

Singapore; Tokyo; Malang, Malaysia; New Plymouth, New Zealand; Chatham, ON; Georgetown, ON; Lethbridge, AB; Cernay, France; Aussonne, France; Drusenheim, France; Szarvas, Hungary; Cremona, Italy; Sissa Trecasali, Italy; Mozzanica, Italy; Bucharest, Romania; Asturias, Spain; Seville, Spain; Kiev; Stasi, Ukraine; Salto, Argentina; Venado Tuerto, Argentina; Alphaville, Brazil; Santa Cruz do Sul, Brazil; Palmas, Brazil; Itumbiara, Brazil; Barranquilla, Colombia; Guadalajara, Mexico; Puerto Vallarta, Mexico; Plainview, TX; Wahpeton, ND; Laurinburg, NC; York, NE; Doniphan, NE; New Madrid, MO; Midland, MI; Harbor Beach, MI; Johnston, IA; Hedrick, IA; Renwick, IA; Indianapolis, IN; Princeton, IL; St. Joseph, IL; Waimea, HI; Valdosta, GA; Chestnut Run Plaza, DE; Newark, DE; Pittsburg, CA; Lote, India

Examples of countries where we have programs:

Argentina, Bangladesh, Belgium, Bolivia, Brazil, Canada, Chile, China, Colombia, France, Germany, Greece, Hungary, India, Indonesia, Italy, Japan, Lithuania, Malaysia, Mexico, Netherlands, New Zealand, Philippines, Poland, Romania, Russia, South Africa, Spain, Thailand, Turkey, Ukraine, United Kingdom, United States, Vietnam

Programs delivered through Corteva Grows:

Personal training, job training, financial donations, PPE donations, food donations, land conservation, hygiene kit donations, school supply donations, job training for women, financial literacy training for women, clothing donations, sports supply donations, scholarships, food distribution, student education, student STEM education, teacher training, equipment donations, house construction, and product donations.



Corteva Response to Covid-19

As the COVID-19 pandemic spread across the world, Corteva's Community Investment global team sprang into action to meet the needs of the people and communities where we live and work.

At the corporate level, we donated more than \$1 million USD to global food security organizations for those that were food insecure, and over \$224,000 USD worth of funds and in-kind donations to purchase personal protection equipment (PPE) for healthcare and medical facilities. In addition, Corteva donated more than \$1 million USD to support kindergarten to university education efforts primarily focused on diversity, equity, and access to resources.

Here's a list of just some of our many efforts:

Africa/Middle East

- In Egypt, donated \$4,500 USD of grocery items to support 500 food-insecure families.
- In Nigeria, contributed \$6,000 USD of food for orphans and area smallholder farmers.
- In Zambia, donated \$6,000 USD to purchase hand-washing tanks for use in rural areas with no access to clean running water.
- In South Africa, partnered with local nonprofit organizations to provide \$10,185 USD in grocery items and nutritious meals for underprivileged local communities.

Asia Pacific

- Donated 12,500 surgical and medical masks to medical and health care centers throughout the continent.
- In Singapore, partnered with Rise Against Hunger to pack 25,000 meals delivered to Phnom Penh, Cambodia.
- In Malaysia, partnered with local agencies to pack 25,000 meals, deliver approximately 20.3 tons of rice and legumes to feed 350 children, and provide groceries to approximate 550 families.
- In China, partnered with Rise Against Hunger to pack 80,000 meals for children and elderly, and distributed 6,000 facial masks to communities in the potato/vegetable regions for spring ploughing.
- In the Philippines, assembled 1,126 meals, donated 3.3 tons of rice, provided 19,500 grocery items for front line medical workers, partnered with AGREA and Project Pearls to assemble and distribute healthy meal packs for 1,200 at-risk families, and distributed nearly 500 GrowKits for citizens to start a vegetable garden.
- In Thailand provided soap, sanitizer, alcohol gel, and face shields to communities.
- In Singapore, partnered with Junior Achievement International to deliver virtual science activities for students.
- In India, donated over 1.6 million units of PPE equipment, distributed over 145 metric tons of food to rural communities and migrant labor, supported 1,100 villages with local health organization's COVID-19 awareness drives, established 11 community kitchens to feed isolated migrant workers, supported 15 quarantine centers with food, medical supplies and housekeeping supplies, and organized farm-to-market transport of produce to assist farming communities in selling their harvest.

Europe

- Donated over 95,000 PPE items including surgical and medical masks, gloves, safety glasses/goggles, overalls, and bottles of hand sanitizer to organizations throughout the continent.
- Donated over \$125,000 USD to purchase PPE and medical items for hospitals and care facilities in Ukraine, Greece, Turkey, Romania, Lithuania, Bulgaria, Austria, United Kingdom, Italy, and Spain.
- In Italy, donated 10,720 PPE items and \$54,918 USD to provide emergency services to meet hospital and frontline responder needs throughout the country.
- In France, donated 70,610 units of PPE, 1,260 bottle for hand sanitizer distribution, 800,000 recyclable cups, and 3,000 kilograms of food supporting pharmacists, fire fighters, healthcare workers, the disabled, and agricultural organizations.
- In the Ukraine, distributed 3,000 kilograms of food for elderly food insecure people.
- In Hungary, collected school materials to support local students.
- In the United Kingdom, donated \$9,710 USD in food and nutritional support for frontline medical workers and elderly.
- In Austria, donated \$3,000 USD for home care for children.
- In Spain, provided PPE equipment, monetary resources and 145 kilograms of food to meet the needs of frontline medical workers and food insecure citizens.

Latin America

- In Brazil, donated 198 tons of food, over 5 million meals, and 2,840 basic food baskets, supporting over 338,433 people and families in low income areas.
- In Mesoandean, provided 18,934 meal kits to people in low income areas.
- In Chile, contributed 200 basic food baskets to food insecure people.
- In Argentina, donated meals to 4,700 food insecure people.
- In Colombia, contributed 24 kilograms of food and provided 1,700 families with meals in low income areas.
- In Bolivia, supported 139 families with basic food and personal hygiene kits.
- Across the continent, donated more than 30,000 PPE items for local nonprofit organizations.

**United States**

- Contributed almost \$10,000 USD in-kind of PPE across the country to medical and health care centers.
- Donated more than \$140,000 to historically Black colleges and universities (HBCUs) and the Thurgood Marshall College Fund to respond to student needs.
- Provided learning resources and a video library of at-home STEM experiments to students and educators with limited access to technology.
- Partnered with several partner organization to include activity books for students with food distribution.

California

- Employee-based virtual food drive for the Food Bank of Contra Costa and Solano generated \$2,056 in monetary donations.
- Corteva also donated \$5,000 to the Food Bank of Contra Costa and Solano, supporting 178,000 food insecure community members.
- Joined with the United Way Bay Area to support the COVID-19 Community Relief Fund for residents needing immediate and long-term recovery assistance.
- Donated \$10,000 to Los Medanos College for technology assistance to support students continue their education.

Delaware

- Launched a challenge match with \$75,000 for the Food Bank of Delaware, which netted \$85,000 additional donations.
- Employee-based virtual food drive for the Food Bank of Delaware contributed \$1,900.
- Surplus PPE donated to several medical and health facilities in Wilmington.
- Donated \$10,000 to Delaware State University to support students with employment and return to school.

Indiana

- Donated \$100,000 to the Gleaners Food Bank #FillTheBanks Corporate Challenge, supporting 30,000 family meal boxes distributed weekly.
- Employee-based virtual food drive for the Gleaners Food Bank generated \$5,700 in monetary donations, supporting 21 counties.
- Surplus PPE donated to several medical and health facilities in Indianapolis.
- Joined with Indianapolis-area School on Wheels to provide \$570 of employee donations with clothes and school supplies for homeless youth.

Iowa

- Launched a challenge match with \$100,00 for the Food Bank of Iowa, which netted \$123,829 additional donations totaling 895,314 meals.
- Employee-based virtual food drive for the Food Bank of Iowa, generated \$3,725 in monetary donations, supporting 55 counties.
- Surplus PPE donated to several medical and health facilities in Des Moines, Algona, Durant, and Titonka.
- Corteva employees served as virtual guests to classrooms and organizations.

Michigan

- Launched an employee-based monetary drive with local United Way in Midland County, generating \$2,740 and an employee match of \$5,000.
- Corteva also donated \$3,500 to Midland County United Way for food security organizations.
- Donated \$1,500 to Harbor Beach United Community Fund for food insecure community members.
- Surplus PPE donated to medical and health facilities in the Great Lake Bay area.

Minnesota

- North Dakota production plant team members made 450 face shields for Catholic Eldercare facilities in Minneapolis.



Sustainability Goal Mapping

Alignment of Corteva's Sustainability Goals to UN SDGs and Sustainability Topics

Pillar	Goal	UN SDGs	Sustainability Topics from Non-Financial Materiality Assessment ¹
Farmers	Training	6 – Clean Water and Sanitation, 12 – Responsible Consumption and Production, 13 – Climate Action, 15 – Life on Land	Soil Health, Water Use & Stewardship, Biodiversity, Food Loss & Waste
	Smallholder Livelihoods	1 – No Poverty, 2 – Zero Hunger, 5 – Gender Equality, 8 – Decent Work & Economic Growth	Smallholder Farmers
	Resilience	2 – Zero Hunger, 13 – Climate Action, 15 – Life on Land	Crop Diversity & Resiliency, Climate Change Mitigation
Land	Soil Health	15 – Life on Land	Soil Health, Climate Adaptation/Resilience
	Water Stewardship	6 – Clean Water and Sanitation	Water Use & Stewardship, Nutrient Management, Climate Adaptation/Resilience
	Biodiversity	15 – Life on Land	Biodiversity, Deforestation/Land Use, Climate Adaptation/Resilience
Communities	Safety	3 – Good Health and Well-Being, 8 – Decent Work & Economic Growth	Workplace Health & Safety, Worker and Human Rights (in operations)
	Communities	2 – Zero Hunger, 4 – Quality Education, 5 – Gender Equality, 8 – Decent Work & Economic Growth, 11 – Sustainable Cities and Communities	Local Communities, Rural Livelihoods
	Volunteering	2 – Zero Hunger, 4 – Quality Education, 5 – Gender Equality, 8 – Decent Work & Economic Growth, 11 – Sustainable Cities and Communities	Local Communities, Rural Livelihoods, Employee Engagement
	Transparency	12 – Responsible Consumption and Production	Product Sustainability & Traceability, Technology Acceptance & Social License
Operations	Innovation	2 – Zero Hunger, 6 – Clean Water and Sanitation, 12 – Responsible Consumption and Production, 13 – Climate Action, 15 – Life on Land	Product Safety, Agricultural Innovation & Productivity, Food & Nutrition Security, Climate Adaptation/Resilience, Product Sustainability & Traceability
	GHG Emissions	13 – Climate Action	Operational Footprint, Supply Chain Responsibility
	Packaging	12 – Responsible Consumption and Production, 13 – Climate Action	Climate Adaptation/Resilience
	Operate Sustainably (waste, water, biodiversity, transparency, suppliers)	5 – Gender Equality, 6 – Clean Water and Sanitation, 8 – Decent Work & Economic Growth, 12 – Responsible Consumption and Production, 15 – Life on Land	Water Use & Stewardship, Biodiversity, Operational Footprint, Worker and Human Rights (in supply chain), Supply Chain Responsibility
		Certain topics which often appear in such assessments are considered essential business practice and were not included in the non-financial materiality assessment. Where they are, in part, advanced through the sustainability goals, they are noted. These topics are generally overseen at the Board of Directors level by the relevant corresponding committee, as outlined by the scope of each committee's charter. All committees are entirely comprised of independent board members. The 2020 GRI Content Index provides additional references for these topics.	Essential Business Practice (EBP): <ul style="list-style-type: none"> • ID&E • Business Ethics, Behavior & Compliance • Worker & Human Rights (incl. Benefits & Training) • Political Giving & Public Policy • Corporate Governance • Information Security & Privacy • Economics & Global Trade

Learn about our non-financial materiality assessment¹, and the identification of the most significant "sustainability topics" from which our goals were developed [here](#).

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 Health and Safety Act, or any other federal, state, local or foreign law, rule or regulation.



Data

Corteva Demographics

As of December 31, 2020, the following tables reflect Corteva's demographics across its approximately 21,000 employees. Demographics include salaried and hourly employees globally.

% FTE by Location, Global	% of Total
North America	50%
Latin America	16%
Europe	16%
Asia-Pacific	14%
Africa	4%

% Female Employees by Level, Global	% of Level
Board of Directors	31%
Executive	28%
Senior Management	22%
Professional/Management	28%
Entry Level	39%
Operations & Support	29%

1 woman chairs a Board of Directors Committee
1 woman is named an executive officer of Corteva

% FTE by Age Group, Global	% of Total
15 to 30 years	12%
30 to 50 years	63%
50+ years	25%

% Ethnic Diversity by Level, US Only ¹	% of Level
Board of Directors (exception: global)	15%
Executive	29%
Senior Management	14%
Professional/Management	17%
Entry Level	15%
Operations & Support	21%

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.

Political Giving & Public Policy

We actively participate in the political process, which can make a positive difference in our lives and the lives of farmers, consumers and the communities in which they live. When engaging in political activity, it's Corteva's policy to always comply with US federal, state, and local political campaign finance and election laws.

Corteva publicly discloses details on its US Political Giving on its [website](#).

Below is a summary of US political contributions for 2020:

US Political Contributions for 2020 in USD -US Dollar	FY 2020
Lobbying, interest representation or similar	2,548,548
Local, regional or national political campaigns / organizations / candidates	37,850
Trade associations or tax-exempt groups (e.g., think tanks)	1,015,354
Other (e.g., spending related to ballot measures or referendums)	0
Total contributions and other spending	3,601,752

Data coverage (as %, indicating the organizational scope of the reported data)
% of Total Global Net Sales (Revenues) 50%



Environment, Health, Safety & Security (EHS&S)

Our SS&I Committee of our Board of Directors prioritizes safety and oversees enterprise Environment, Health, Safety and Security (EHS&S) risks and periodically reviews metrics to track performance and focus improvement efforts. This includes reviewing and providing input to Corteva's management team regarding the management of current and emerging EHS&S and product quality stewardship issues and reporting periodically to the Board on EHS&S and product quality stewardship matters affecting the company. Corteva's Responsible Enterprise Steering Team regularly reports to the SS&I Committee of the Board of Directors on EHS&S risk areas, progress, and industry trends.

Occupational Health & Safety

Our efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term health risks are guided by our [Corteva Process Safety Management \(PSM\) Program](#), including efforts contributing to our safety sustainability goal and consistent with guidance in Corteva'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. One hundred percent 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.

2020 Occupational Health & Safety Data

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

Data Point	Unit	FY 2020
Work-related Fatalities – Employees	number	0
Work-related fatality rate for direct employees	fatalities per 100 employees	0
Work-related Fatalities – Contractor	number	0
Work-related fatality rate for contract employees	fatalities per 100 contractor	0
LTIFR (Lost-Time Injury Frequency Rate (LTIFR))	number per million hours worked	0.509
Process Safety Events: Tier 1	number per million hours worked	0.091
Total recordable incidents Counts (TRIR)	Injuries per 100 employees	0.35
Process Safety Incidents Count (PSIC)	number of L1 PSCE events	7
Process Safety Total Incidents Rate (PSTIR)	L1 PSCE events per 200,000 hours worked	0.018
Process Safety Incident Severity Rate (PSISR)	L1/L2 events PSCE per 200,000 hours worked	0.039
Number of work-related transport incidents	number	1



Environmental Metrics

In 2019, Corteva designed and implemented its own company-wide global environmental management system to track environmental metrics, as the DowDuPont environmental metrics, goals, and data management systems were not designed to capture or extract information specifically related to the agriculture business as it now exists following its separation from DowDuPont. This system ("GEST") includes the necessary inputs for GHG-related metrics and other 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 Greenhouse Gas Protocol. Data integrity is governed through a global data management standard.

Starting in 2020, Corteva began to collect baseline environmental data from around the world into the environment management system, to assess and monitor key environmental metrics across Corteva's owned and controlled footprint globally.

Unless otherwise stated, the below data covers all sites globally which are reporting into the GEST system, for the full year 2020.

2020 Energy Consumption

Energy data relates only to Corteva as an organization. Corteva plans to increase the steps to reduce our energy usage and transition to renewable energy sources, which will also contribute to the reduction of our GHG emissions, as part of our 2030 GHG emissions reduction targets.

Parameter Description	MMBTU	Gigajoules	% of Total
Total energy consumed by source	8,963,852	9,457,366	100%
Percentage grid electricity	4,092,698	4,318,026	46%
Percentage renewable (directly produced, excludes RECS because not available)	1,228	1,295	0%
Total self-generated energy	3,091	3,261	0%
Total energy consumed by type			
Total non-renewable fuel consumption (Joules or multiples thereof)	4,866,643	5,134,580	54%
Total renewable fuel consumption (Joules or multiples thereof)	1,420	1,498	0%
Total electricity consumed & sold (Joules/watt-hours or multiples thereof)	4,095,790	4,321,287	46%
Total heating consumed & sold (Joules/watt-hours or multiples thereof)	-	-	0%
Total steam consumed & sold (Joules /watt-hours or multiples thereof)	-	-	0%
Total cooling consumed & sold (Joules/watt-hours or multiples thereof)	-	-	0%

2020 Waste Generation

Waste data is provided for total waste generated and by composition (hazardous and non-hazardous). Hazardous waste is primarily incinerated, unless recovered for other uses. Non-hazardous waste is primarily disposed by landfill, unless recovered for other uses.

Waste Generation	Value	Time Period
Total Waste (MT)	893,342	2020
Total Non-Hazardous Waste	835,629	2020
Total Hazardous Waste (MT)	57,713	2020
% of hazardous waste recycled	28%	Q4 2020 only*

* data not gathered prior

2020 Water Use

Water Use	Unit	All Regions	From regions with High/Extremely High Stress
Total water withdrawn	Thousand cubic meters (m3)	27,568	0.78%
Total water consumed	Thousand cubic meters (m3)	22,903	0.82%
Total water discharged	Thousand cubic meters (m3)	4,665	

Water Source	Unit	All Areas	Areas with Water Stress
Total Withdrawal	Thousand cubic meters (m3)	27,568	215
Surface Water	Thousand cubic meters (m3)	3,685	0
Groundwater	Thousand cubic meters (m3)	11,232	152
Seawater	Thousand cubic meters (m3)	0	0
Third-Party Water	Thousand cubic meters (m3)	12,651	63
Other	Thousand cubic meters (m3)	0	0
Total Discharge	Thousand cubic meters (m3)	4,665	48
Total Consumption	Thousand cubic meters (m3)	22,903	166

We do not currently track discharge by destination.

Note: Our sustainability goal to reduce water used in high stress and extremely high stress areas by 10% measures total withdrawals in millions of gallons. We report in thousand m3 here based on reporting guidelines. The values are the same: 56.7 million gallons x 3.785 [million gallons to thousand m3] = 215 thousand m3.

Air Emissions

Air Parameter	Total Air Emissions by Type (MT)	Air Parameter	Total Air Emissions by Type (MT)
NOx	690	HAP	30
SOx	31	Total PM	3507
VOC	239	CO	248



2020 GHG Emissions

Scope 1	Gross Scope 1 GHG emissions	460,000 MT CO ₂ e
	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	2020; first full year of operation as Corteva, to be able to account for full seasonal year.
	Consolidation approach	Operational control; we do not include non-operational locations (i.e. office and warehouses)
	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"), US EPA Emissions & Generation Resource Integrated Database, and US EPA Mandatory Greenhouse Gas Reporting Rule. The GHG Protocol is our overarching framework for Scopes 1, 2, and 3 data. Emission Factors and CO ₂ e calculation methodologies have generally been derived from US EPA Mandatory Greenhouse Gas Reporting Rule and the US EPA Emissions & Generation Resource Integrated Database (eGRID).
Scope 2	Gross Scope 2 GHG emissions	520,000 MT CO ₂ e
	Gases included in the calculation CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ , or all	all
	Base year	2020; first full year of operation as Corteva, to be able to account for full seasonal year.
	Consolidation approach	Operational control; we do not include non-operational locations (i.e. office and warehouses)
	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"), US EPA Emissions & Generation Resource Integrated Database, and US EPA Mandatory Greenhouse Gas Reporting Rule. The GHG Protocol is our overarching framework for Scopes 1, 2, and 3 data. Emission Factors and CO ₂ e calculation methodologies have generally been derived from US EPA Mandatory Greenhouse Gas Reporting Rule and the US EPA Emissions & Generation Resource Integrated Database (eGRID).
Scope 3	Gross Scope 3 GHG emissions	6,400,000 MT CO ₂ e, the vast majority of which comes from Purchased Goods & Services
	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	2020; first full year of operation as Corteva, to be able to account for full seasonal year.
	Consolidation approach	Operational control; we do not include non-operational locations (i.e. office and warehouses)
	Source of emissions factors and methodologies used	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 Scopes 1, 2, and 3 data. Emission Factors and CO ₂ e calculation methodologies have generally been derived from input-output datasets based on the World Input-Output Database (WIOD) and the Open IO Database.
Current Intensity Ratio	Scopes 1 & 2 Emissions intensity ratio (2020's kg CO ₂ e/\$ net sales)	0.070 kg CO ₂ e / \$ Net Sales (980,000,000 / 14,200,000,000)
	Scope 3 Emissions intensity ratio (2020's kg CO ₂ e/\$ net sales)	0.450 kg CO ₂ e / \$ Net Sales (6,400,000,000 / 14,200,000,000)
	Organization-specific denominator	\$ Net Sales
	Types of GHG emissions included	Scopes 1 and 2 together; Scope 3 separately
	Gases included in the calculation CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ , or all	all

Note: 1 MT = 1,000kg



APPENDICES

Additional References

Corteva Unaudited Pro Forma Financial Information

In order to provide the most meaningful comparison of results of operations, supplemental unaudited pro forma financial information for the first quarter of 2019 has been included in this report. This report presents the pro forma results of Corteva, after giving effect to events that are (1) directly attributable to the merger of DuPont and Dow, debt retirement transactions related to paying off or retiring portions of Historical DuPont's existing debt liabilities, and the separation and distribution to DowDuPont stockholders of all the outstanding shares of Corteva common stock; (2) factually supportable and (3) with respect to the pro forma statements of income, expected to have a continuing impact on the consolidated results. Refer to Corteva's Form 10 registration statement filed on May 6, 2019, which can be found on the investors section of the Corteva website, for further details on the above transactions. The pro forma financial statements were prepared in accordance with Article 11 of Regulation S-X that was in effect prior to recent amendments, and are presented for informational purposes only, and do not purport to represent what the results of operations would have been had the above actually occurred on the dates indicated, nor do they purport to project the results of operations for any future period or as of any future date.

Regulation G (Non-GAAP Financial Measures)

This report includes information that does not conform to U.S. GAAP and are considered non-GAAP measures. These measures may include organic sales, organic growth (including by segment and region), operating EBITDA, and pro forma 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 the Company during the periods presented and provide additional, useful information to investors as they provide insight with respect to ongoing operating results of the Company and a 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 and on pages 59–61 of the 2020 Annual Report on Form 10-K. For the full year 2019, these non-GAAP measures are being reconciled to a pro forma GAAP financial measure prepared and presented in accordance with Article 11 of Regulation S-X that was in effect prior to recent amendments.

Organic sales is defined as price and volume and excludes currency and portfolio impacts. Operating EBITDA is defined as earnings (i.e., income from continuing operations before income taxes) before interest, depreciation, amortization, non-operating benefits, net and foreign exchange gains (losses) net, excluding the impact of significant items (including goodwill impairment charges). Although amortization of the Company's intangible assets is excluded from these non-GAAP measures, management believes it is important for investors to understand that such intangible assets contribute to revenue generation. Amortization of intangible assets that relate to past acquisitions will recur in future periods until such intangible assets have been fully amortized. Any future acquisitions may result in amortization of additional intangible assets. The full year 2019 is on a pro forma basis as discussed above in the paragraph 'Corteva Unaudited Pro Forma Financial Information'.



Price, Volume, Currency Analysis

Region

	Twelve Months 2020 vs. Twelve Months 2019				Percent Change Due To:			
	Net Sales Change (GAAP)		Organic Change ¹ (Non-GAAP)		Local Price & Product Mix	Volume	Currency	Portfolio / Other
	\$ (millions)	%	\$ (millions)	%				
North America	\$ 239	3%	\$ 266	4%	1%	3%	(1)%	—%
EMEA	102	4%	212	8%	2%	6%	(4)%	—%
Latin America	(84)	(3)%	490	17%	7%	10%	(20)%	—%
Asia Pacific	114	9%	161	13%	2%	11%	(3)%	(1)%
Rest of World	132	2%	863	12%	4%	8%	(10)%	—%
Total	\$ 371	3%	\$ 1,129	8%	3%	5%	(5)%	—%

Seed

	Twelve Months 2020 vs. Twelve Months 2019				Percent Change Due To:			
	Net Sales Change (GAAP)		Organic Change ¹ (Non-GAAP)		Local Price & Product Mix	Volume	Currency	Portfolio / Other
	\$ (millions)	%	\$ (millions)	%				
North America	\$ 71	2%	\$ 84	2%	—%	2%	—%	—%
EMEA	90	7%	163	12%	4%	8%	(5)%	—%
Latin America	(13)	(1)%	187	17%	4%	13%	(18)%	—%
Asia Pacific	18	5%	35	10%	4%	6%	(5)%	—%
Rest of World	95	3%	385	13%	4%	9%	(10)%	—%
Total	\$ 166	2%	\$ 469	6%	1%	5%	(4)%	—%

Crop Protection

	Twelve Months 2020 vs. Twelve Months 2019				Percent Change Due To:			
	Net Sales Change (GAAP)		Organic Change ¹ (Non-GAAP)		Local Price & Product Mix	Volume	Currency	Portfolio / Other
	\$ (millions)	%	\$ (millions)	%				
North America	\$ 168	8%	\$ 182	8%	3%	5%	—%	—%
EMEA	12	1%	49	4%	1%	3%	(2)%	(1)%
Latin America	(71)	(4)%	303	17%	9%	8%	(21)%	—%
Asia Pacific	96	10%	126	14%	1%	13%	(2)%	(2)%
Rest of World	37	1%	478	12%	5%	7%	(10)%	(1)%
Total	\$ 205	3%	\$ 660	11%	4%	7%	(7)%	(1)%

1. Organic sales is defined as price and volume, excluding currency and portfolio impacts.

Corteva

Non-GAAP Calculation of Corteva Operating EBITDA

In millions	Twelve Months Ended December 31,	
	2020	2019
	As Reported	Pro Forma
Income from continuing operations, net of tax (GAAP)	\$ 756	\$ 26
(Benefit from) provision for income taxes on continuing operations	(81)	1
Income from continuing operations before income taxes (GAAP)	\$ 675	\$ 27
+ Depreciation and Amortization	1,177	1,000
- Interest income	(56)	(59)
+ Interest expense	45	91
+ / - Exchange losses, net ²	174	66
+ / - Non-operating benefits, net	(316)	(129)
+ Significant items charge	388	991
Corteva Operating EBITDA (Non-GAAP) ¹	\$ 2,087	\$ 1,987

1. Corteva Operating EBITDA is defined as earnings (i.e., income (loss) from continuing operations before income taxes) before interest, depreciation, amortization, non-operating benefits - net and foreign exchange losses, excluding the impact of significant items. Non-operating benefits - net consists of non-operating pension and other post-employment benefit (OPEB) credits (costs), tax indemnification adjustments, environmental remediation and legal costs associated with Historical DuPont 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.

2. The twelve months ended December 31, 2019, on an operating basis (Non-GAAP), excludes a \$(33) million exchange loss associated with the devaluation of the Argentine peso, as it is included within significant items.



Corteva

Segment Information

Corteva significant items (Pretax)

In millions	Twelve Months Ended December 31,	
	2020	2019
	As Reported	Pro Forma
Seed		
Loss on divestiture	-	(24)
Restructuring and asset-related charges - net	(165)	(213)
Amortization of inventory step up	-	(67)
Total Seed	(165)	(304)
Crop Protection		
Loss on divestiture	(53)	-
Restructuring and asset-related charges - net	(109)	(23)
Total Crop Protection	(162)	(23)
Corporate		
Integration and separation costs	-	(632)
Loss on early extinguishment of debt	-	(13)
Restructuring and asset-related charges - net	(61)	14
Argentina devaluation	-	(33)
Total Corporate	(61)	(664)
Total significant items by segment (Pretax)	(388)	(991)
Total tax impact of significant items	86	135
Tax only significant items	192	72
Total significant items charge, net of tax	\$ (110)	\$ (784)



Corteva

Segment Information - Price, Volume Currency Analysis

Region

	Twelve Months Ended December 31, 2020 vs. Twelve Months Ended December 31, 2019				Percent Change Due To:			
	Net Sales Change (GAAP)		Organic Change (Non-GAAP) ²		Local Price & Product Mix	Volume	Currency	Portfolio / Other
	\$ (millions)	%	\$ (millions)	%				
North America ¹	\$ 239	3%	\$ 266	4%	1%	3%	-1%	0%
EMEA ¹	102	4%	212	8%	2%	6%	-4%	0%
Latin America	(84)	-3%	490	17%	7%	10%	-20%	0%
Asia Pacific	114	9%	161	13%	2%	11%	-3%	-1%
Rest of World	132	2%	863	12%	4%	8%	-10%	0%
Total	\$ 371	3%	\$ 1,129	8%	3%	5%	-5%	0%

Seed

	Twelve Months Ended December 31, 2020 vs. Twelve Months Ended December 31, 2019				Percent Change Due To:			
	Net Sales Change (GAAP)		Organic Change (Non-GAAP) ²		Local Price & Product Mix	Volume	Currency	Portfolio / Other
	\$ (millions)	%	\$ (millions)	%				
North America ¹	\$ 71	2%	\$ 84	2%	0%	2%	0%	0%
EMEA ¹	90	7%	163	12%	4%	8%	-5%	0%
Latin America	(13)	-1%	187	17%	4%	13%	-18%	0%
Asia Pacific	18	5%	35	10%	4%	6%	-5%	0%
Rest of World	95	3%	385	13%	4%	9%	-10%	0%
Total	\$ 166	2%	\$ 469	6%	1%	5%	-4%	0%

Crop Protection

	Twelve Months Ended December 31, 2020 vs. Twelve Months Ended December 31, 2019				Percent Change Due To:			
	Net Sales Change (GAAP)		Organic Change (Non-GAAP) ²		Local Price & Product Mix	Volume	Currency	Portfolio / Other
	\$ (millions)	%	\$ (millions)	%				
North America ¹	\$168	8%	\$ 182	8%	3%	5%	0%	0%
EMEA ¹	12	1%	49	4%	1%	3%	-2%	-1%
Latin America	(71)	-4%	303	17%	9%	8%	-21%	0%
Asia Pacific	96	10%	126	14%	1%	13%	-2%	-2%
Rest of World	37	1%	478	12%	5%	7%	-10%	-1%
Total	\$205	3%	\$ 660	11%	4%	7%	-7%	-1%

1. North America is defined as U.S. and Canada. EMEA is defined as Europe, Middle East and Africa.

2. Organic sales is defined as price and volume and excludes currency and portfolio impacts.

3. Prior periods have been reclassified to conform to current period presentation.



Cautionary Statement About Forward-Looking Statements

This communication 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,” “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, diversity representation goals; product development and innovations; 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.

Forward-looking statements also involve risks and uncertainties, many of which are beyond Corteva’s control. A detailed discussion of some of the significant risks and uncertainties which may cause results and events to differ materially from such forward-looking statements or other estimates is included in the “Risk Factors” section of Corteva’s annual and quarterly reports filed with the SEC. While the list of factors in these SEC filings 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, regulatory changes, restructurings, merger and acquisition activity, customer preferences, and other relationships with 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 obtain or maintain the necessary regulatory approvals for some Corteva’s products; (ii) failure to successfully develop and commercialize Corteva’s pipeline; (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) effect of competition and consolidation in Corteva’s industry; (vi) effect of competition from manufacturers of generic products; (vii) costs of complying with evolving regulatory requirements and the effect of actual or alleged violations of environmental laws or permit requirements; (viii) effect of climate change and unpredictable seasonal and weather factors; (ix) risks related to oil and commodity markets; (x) competitor’s establishment of an intermediary platform for distribution of Corteva’s products; (xi) impact of Corteva’s dependence on third parties with respect to certain of its raw materials or licenses and commercialization; (xii) effect of industrial espionage and other disruptions to Corteva’s supply chain, information technology or network systems; (xiii) effect of volatility in Corteva’s input costs; (xiv) failure to realize the anticipated benefits of the internal reorganizations taken by DowDuPont in connection with the spin-off of Corteva and other cost savings initiatives; (xv) failure to raise capital through the capital markets or short-term borrowings on terms acceptable to Corteva; (xvi) failure of Corteva’s customers to pay their debts to Corteva, including customer financing programs; (xvii) increases in pension and other post-employment benefit plan funding obligations; (xviii) risks related to the indemnification obligations of legacy EID liabilities in connection with the separation of Corteva; (xix) effect of compliance with laws and requirements and adverse judgments on litigation; (xx) risks related to Corteva’s global operations; (xxi) failure to effectively manage acquisitions, divestitures, alliances and other portfolio actions; failure to enforce; (xxii) risks related to COVID-19; (xxiii) risks related to activist stockholders; (xxiv) Corteva’s intellectual property rights or defend against intellectual property claims asserted by others; (xxv) effect of counterfeit products; (xxvi) Corteva’s dependence on intellectual property cross-license agreements; and (xxvii) other risks related to the Separation from DowDuPont. 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 which may cause results and events to differ materially from such forward-looking statements or other estimates is included in the “Risk Factors” section of Corteva’s annual and quarterly reports filed with the SEC.



Corteva, Inc.
Wilmington, DE 19805 U.S.A.

TM ® SM Trademark of Corteva Agriscience and its affiliated companies. © 2021 Corteva

The transgenic soybean event in Enlist E3™ soybeans is jointly developed and owned by Corteva Agriscience LLC and M.S. Technologies L.L.C. The Enlist weed control system is owned and developed by Corteva Agriscience LLC. Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

Qrome® products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit <http://www.biotradestatus.com/> PowerCore® multi-event technology developed by Corteva Agriscience LLC and Monsanto.

PowerCore® is a registered trademark of Monsanto Technology LLC. Agrisure Viptera® is a registered trademark of, and used under license from, a Syngenta Group Company.