

Seed Traits: Creating Value for Customers Through More Sustainable Solutions

Sustainability has been a focus for years now, but what is it and how does our work in the seed business advance it?

Purpose-driven sustainability is about meeting today's farming and production needs while ensuring that future generations can also meet theirs. Corteva Agriscience's extensive portfolio of seed and crop protection technologies helps farmers meet ever-increasing demands for food, feed, fuel and fiber. And our development of new technologies helps growers safeguard the land to ensure they can do so long into the future.

For nearly 100 years, Corteva has worked with farmers to develop seed products and make management recommendations that help them be more productive and sustainable. By increasing yield potential, helping protect against diseases and pests, helping manage weeds and developing improved crop technologies, we can help farmers grow more and better crops and manage modern farming challenges. Our researchers and agronomists also work to ensure that the innovative seed solutions they develop will remain effective for years to come. For example, PowerCore® Enlist® corn contains three *Bt* proteins with different modes of action to help prevent insects from developing resistance.

Our product pipeline continues to evolve with genetics that improve plant resiliency and yield potential. As a company, we embrace new technologies that allow us to bring your customers these products. For example, we developed proprietary gene-editing technology to package multiple disease-resistant native traits into a single location in the gene to address some of the most problematic corn diseases today, including northern corn leaf blight (NCLB), southern corn rust, gray leaf spot and anthracnose stalk rot. By combining and repositioning disease-resistant traits that already exist within the corn genome, we're able to improve disease tolerance while reducing production stress, resulting in healthier plants and increased yield potential. With advanced technologies

"We are working to help provide a nutritious, safe, and sufficient food supply for our growing global population, while helping safeguard our customers' economic success, addressing environmental stewardship, and supporting rural communities."

Corteva 2023 Sustainability Report



CORTEVA'S 2023 SUSTAINABILITY PERFORMANCE HIGHLIGHTS

100%

of newly developed solutions in our pipeline meet Corteva sustainability criteria

4.2 million

acres supported with biodiversity and outcomes aligned to regenerative agriculture since 2021

25%

of net crop protection revenue from sustainably advantaged products

\$2 billion

spent with diverse suppliers and small businesses



like this, our researchers are able to regularly introduce new and improved plant genetics, like our line of Enlist E3[®] soybean genetics, which will be almost completely available in Corteva Genetics by next year.

In addition to seed technologies, sustainability can include sensible farming practices like the use of cover crops and integrated pest management, as well as responsible product usage. Stewardship is an important value for everyone affiliated with Corteva, which is why growers must sign a Technology Use Agreement (TUA) before buying or growing seed that contains our traits. Each product's label and Product Use Guide (PUG) lays out the requirements for growing these traits, including insect resistance management and herbicide resistant management practices. In addition, trait safety data sheets include information on protecting the environment.

So, from seed traits to crop protection technologies to farming practices, you can see how Corteva, seed companies like yours and the farmers you serve play a role in sustainability. Seed trait development allows us to maximize production to meet society's food needs today while practicing long-term stewardship of our resources and technologies to meet the needs of the future.



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may not yet be registered in all states. Check with your seed representative for the registration status in your state. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. Product responses can vary by location, pest population, environmental conditions and agricultural practices. Please contact your Corteva Agriscience sales professional for information and suggestions specific to your operation. Individual results may vary. Various factors, including pest pressure, reduced susceptibility and insect resistance in some pest populations may affect efficacy of certain corn technology products in some regions. To help extend durability of these technologies, Corteva Agriscience recommends you implement integrated pest management (IPM) practices such as crop rotation, cultural and biological control tactics (including rotating sources of *Bt*-protected corn traits), pest scouting and appropriate use of pest thresholds when employing management practices such as insecticide application. You must also plant the required refuge when using these technologies. Please contact your sales professional or consult with your local university extension for more information regarding insect resistance management guidelines, best management practices and to understand whether there has been a shift in susceptibility or insect resistance with certain pests documented in your area. Liberty[®], LibertyLink[®] and the Water Droplet Design are registered trademarks of BASF. Roundup[®] and Roundup Ready[®] are registered trademarks of Bayer Group.

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