

**Agreement to Bring New Soybean Trait Stack to  
U.S. and Canada Farmers  
June 28, 2022**



Corteva Agriscience, BASF and MS Technologies™ announced they have entered into a mutually beneficial trait licensing agreement to develop next-generation Enlist E3® soybeans with the nematode resistant soybean (NRS) trait for farmers in the United States and Canada.

Enlist E3® soybeans are tolerant to 2,4-D choline, glyphosate and glufosinate herbicides, giving farmers additional options to manage resistant and hard-to-control weeds. Demand for Enlist E3 soybeans continues to grow and we expect U.S. market share to be approximately 40 percent in 2022.

It is anticipated that the nematode resistant soybean (NRS) trait will be the first commercially available biotech trait to control nematode. The trait is expected to provide unprecedented protection against nematode pests in soybeans, including soybean cyst nematode (SCN).

**What does this agreement mean?**

Corteva Agriscience, BASF and MS Technologies have entered into an agreement to develop next-generation Enlist E3® soybeans with the nematode resistant soybean (NRS) trait.

As part of this agreement, Corteva and MS Technologies have licensed the Enlist E3 soybean trait to BASF for development with the NRS trait in BASF germplasm. BASF has licensed its NRS trait to Corteva and MS Technologies for use in Enlist E3 soybeans.

**In what countries will Enlist E3 soybeans with the nematode resistant soybean (NRS) trait be available?**

Corteva's current plan is to launch this trait stack in the U.S. and Canada, pending applicable regulatory reviews and completion of field testing. We will evaluate additional geographies and trait combinations globally over time.

The agreement enables Corteva, BASF and MS Technologies to launch in other countries outside the U.S. and Canada, pending applicable regulatory reviews.

**Does BASF have plans to begin selling soybeans in Canada?**

We cannot speculate about BASF's future plans but this agreement includes the option for all three companies to market the trait stack in Canada and other countries, pending applicable regulatory reviews and completion of field testing.

**When will Enlist E3 soybeans with the nematode resistant soybean (NRS) trait be available?**

We anticipate commercialization of Enlist E3 soybean varieties containing the NRS trait in the U.S. and Canada in the late 2020s, pending applicable regulatory reviews and completion of field testing.

Corteva products are launched in accordance with Corteva's product launch policies and Excellence Through Stewardship® product launch guidance, as well as in consideration of current readiness for delivery of products to customers and licensees and other factors.

**How does this impact the recent announcement that MS Technologies is providing Bayer with a MS Tech-owned seed brand, giving Bayer the option to distribute and sell Enlist E3 soybeans developed by MS Tech?**

The terms of that agreement have not been disclosed. We cannot speculate about the terms or speak for MS Tech or Bayer.

### **Has the NRS trait been evaluated in yield trials?**

BASF is in its fifth year of advanced field testing in the U.S. In BASF trials, the NRS trait has demonstrated an average 8% yield advantage over current SCN-resistant varieties.<sup>2</sup>

### **Will the NRS trait be commercialized in other herbicide-tolerant soybeans beside Enlist E3 soybeans?**

We cannot speak for BASF.

### **Is there a name for the NRS trait?**

BASF is not disclosing a brand name for the NRS trait at this time.

### **What Corteva seed brands will offer this technology?**

We anticipate offering Enlist E3 soybeans with the NRS trait in all Corteva seed brands.

### **How does Corteva determine when to launch new products?**

Innovative technologies like biotech traits deliver exceptional value and needed performance to the farmers that produce grain from these products, and help farmers provide enough safe, nutritious food to meet global demand. Corteva products are launched in accordance with Corteva Agriscience launch policies and Excellence Through Stewardship Product Launch Guidance. In line with these guidelines, our product launch process includes a long-standing, multi-faceted approach to evaluating export market information, performing value chain consultations and consideration of regulatory functionality.

### **What is Excellence Through Stewardship?**

Excellence Through Stewardship (ETS) is a global non-profit organization that promotes the adoption of product stewardship programs and quality management systems for the full life cycle of agricultural biotechnology products. Corteva Agriscience is a member of ETS. Learn more at <https://www.excellencethroughstewardship.org/>.

**BOTTOM LINE:** Corteva Agriscience, BASF and MS Technologies have entered into an agreement to develop next-generation Enlist E3<sup>®</sup> soybeans with the nematode resistant soybean (NRS) trait. Demand for Enlist E3 soybeans continues to grow, and the new NRS trait is expected to provide unprecedented protection against nematode pests in soybeans, including soybean cyst nematode (SCN).



<sup>1</sup> Bandara AY, Weerasooriya DK, Bradley CA, Allen TW, Esker PD. 2020. Dissecting the economic impact of soybean diseases in the United States over two decades. PLoS ONE 15(4): e0231141. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0231141>. Accessed June 15, 2022.

<sup>2</sup> Based on BASF field trial data.