



Corteva, BASF & MS Technologies partners to bring industry-first soybean trait stack in US, Canada

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Drone photo from a 2021 BASF field trial plot near Kewanna, IN



The left four rows are native SCN resistance alone (PI88788 source) and the right four rows are native resistance (PI88788 source) + BASF's NRS trait. BASF trials demonstrated that the NRS trait provides an average additional 8% yield benefit above today's SCN-resistant varieties.

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Corteva Agriscience, BASF and MS Technologies recently announced that 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.

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. The three companies anticipate commercialisation of Enlist E3 soybean varieties containing the NRS trait in the late 2020s, pending applicable regulatory reviews and completion of field testing.

The new NRS trait is expected to provide unprecedented protection against nematode pests in soybeans, including soybean cyst nematode (SCN).

“Our nematode resistant soybean trait will be the first commercially available biotechnology trait developed to control nematodes,” said Linda Trolinder, Senior Vice President of BASF Seeds and Traits R&D. “BASF is in its 5th year of advanced field testing the NRS trait in the US and in our trials, it has demonstrated an average 8 per cent yield benefit above today’s SCN-resistant varieties.”

The Enlist weed control system is an industry-leading system for soybeans, corn and cotton. 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.