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Corteva unveils Enclosa herbicide, expanding soybean weed control portfolio

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New premix combines encapsulated Acetochlor and Cloransulam to deliver residual and systemic control while strengthening herbicide resistance management

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Corteva Agriscience has expanded its soybean crop protection portfolio with the introduction of Enclosa herbicide, a new premix designed to give growers broader weed control and greater flexibility as herbicide resistance continues to challenge soybean production across the United States. The product, which has received approval from the U.S. Environmental Protection Agency (EPA) and is progressing through state-level registrations, combines encapsulated acetochlor (Group 15) with cloransulam (Group 2)—marking the first commercial herbicide to bring these two active ingredients together in a single formulation.

Building on the technology introduced with Enversa herbicide, Enclosa incorporates Corteva's proprietary encapsulated acetochlor technology, which rapidly moves from plant surfaces into the soil to establish a long-lasting residual barrier against emerging weeds. The addition of cloransulam provides systemic activity, allowing the herbicide to target a broad spectrum of troublesome broadleaf weeds and grasses. According to Corteva, the new herbicide provides control of more than 36 weed species through both pre-emergence and post-emergence applications, with residual activity lasting for up to four weeks.

The company said the launch reflects its continued investment in expanding weed management options for soybean growers as resistant weed populations become increasingly difficult to control. By combining two herbicide modes of action, Enclosa is intended to support integrated resistance management strategies while helping preserve the effectiveness of existing chemistries. Designed to fit a wide range of production systems, Enclosa offers flexibility across different application timings and geographies. It is also compatible with several commonly used herbicide programmes, serving as a tank-mix partner with

products containing metribuzin or sulfentrazone in pre-emergence applications and glyphosate or glufosinate in post-emergence weed control programmes.

For growers planting Enlist E3 soybeans, the herbicide is positioned as a complementary partner to Enlist One herbicide, further broadening weed management options within the Enlist production system. The product will be available as a liquid premix to simplify handling and application, offering greater convenience at the tank while reducing mixing complexity. Corteva expects initial commercial sales of Enclosa later this year ahead of the 2027 soybean growing season, further strengthening its portfolio of herbicide technologies aimed at improving weed control, protecting yields and supporting sustainable crop production.