

## LumiGEN® Seed Treatment for Soybeans Update Modified 2023 treatment recipe

### TODAY'S NEWS

Corteva Agriscience's rapidly expanding LumiGEN® seed treatment portfolio is built on a proven foundation – giving farmers a higher level of confidence and performance with their seed treatments. As factors continue to challenge supply chain and production capabilities, the LumiGEN seed treatment soybean recipe applied at Corteva production facilities and in some downstream treating facilities will be modified for the 2023 treating season. This will ensure farmers continue to experience the LumiGEN seed treatment level of performance.

### LUMIGEN SEED TREATMENT RECIPE UPDATE: NEW FUNGICIDE + NEW INSECTICIDE BRAND

Soybean seed treated at Corteva production facilities and in some downstream treating facilities for the 2023 season will feature LumiTreo™ fungicide seed treatment, a new 3-way premix fungicide seed treatment, plus Sebring® metalaxyl. LumiTreo fungicide replaces Lumisena® + EverGol® Energy fungicide in the current recipe. The insecticide will continue to feature the active ingredient Imidacloprid, however the brand will be Senator® 600 FS insecticide seed treatment, replacing the current Gaucho® seed treatment offering.

- LumiTreo features oxathiapiprolin, the active ingredient in Lumisena, providing the best protection against *Phytophthora sojae*, the #1 yield-robbing soybean disease in North America.
- The active ingredients in LumiTreo are: oxathiapiprolin, ipconazole and picoxystrobin

### ACTION NEEDED

Share this information with farmers as needed.

### FREQUENTLY ASKED QUESTIONS

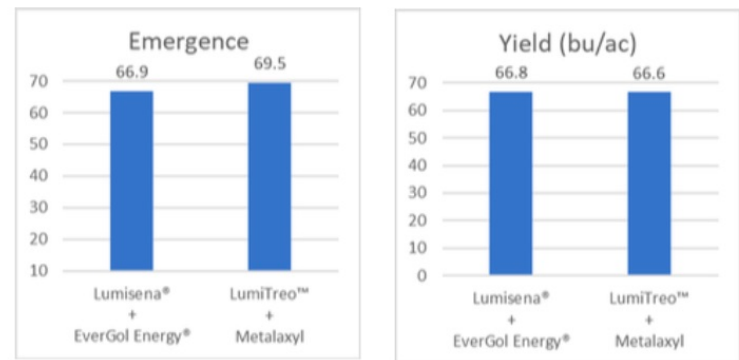
#### Q: How is Corteva delivering customer confidence with this recipe?

Each year, Corteva Agriscience Seed Applied Technologies (SAT) evaluates hundreds of product concepts to identify the best seed treatments to bring to market, based on addressing the challenges and needs of farmers. Potential products are carefully evaluated at our Center of Seed Applied Technologies (CSAT)—an all-in-one facility that's part laboratory, testing center and seed treating plant. Here, seed treatments are reviewed using our exclusive six-step process focusing on Plantability, Application, Seed Safety, Stewardship, Efficacy and Regulatory requirements (PASSER). Corteva Agriscience

SAT can pivot when needed to meet the needs and expectations of customers because of this extensive process.

#### Q: What can farmers expect?

Our trial research indicates farmers should have the LumiGEN seed treatment level of assurance with this modified recipe. This LumiGEN seed treatment for soybeans has three years of testing and evaluations with results demonstrating the Lumisena + EverGol Energy fungicide recipe and LumiTreo + Metalaxyl recipe have similar disease protection, in-field performance and plantability, as shown in the graph below.



Data based on 2018-2021 research trials in North America, 256 total locations with head to head comparisons. Emergence data is based on Total Gaps in stand assessment.

#### Q: Will this LumiGEN seed treatment recipe be offered to downstream treating sales representatives?

Yes. This new recipe will be applied at Corteva production facilities and used in some downstream treating facilities for the 2023 treating season. Expansion of the new recipe to all downstream treating facilities is planned for the 2024 season.

#### Q: Is there a price difference with this modified LumiGEN seed treatment recipe?

Pricing will continue to reflect the value of the LumiGEN seed treatment portfolio.

#### Q: What needs to be communicated to farmers?

This is a minimal recipe change, please share with your customers as needed. Actual seed treatment products are listed on bag tags for reference. Sales teams may choose to inform farmers who purchase production plant treated soybeans and in some downstream treatment facilities in 2023 that there is a modified recipe and it's part of the LumiGEN seed treatment portfolio. It's built on a proven foundation with three years of testing – giving them a higher level of confidence and performance.



## News to Use

### THE BOTTOM LINE:

- Each year, Corteva Agriscience Seed Applied Technologies evaluates hundreds of product concepts to identify the best seed treatments to bring to market, based on addressing the challenges and needs of farmers.
- All 2023 production plant treated soybeans sold by North America brands provided by Corteva Agriscience will have a modified LumiGEN® seed treatment for soybeans, as well as some downstream treatment facilities.
- This modified soybean seed treatment is part of the LumiGEN® seed treatment portfolio and offers farmers similar protection, performance and plantability as previous treatments.



Components of LumiGEN® seed treatments are applied at a Corteva Agriscience production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.



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