Cotton’s First Quadruple-Stacked Herbicide Trait Package

Sometimes the difference between a good year and a bad year comes down to one thing – weed pressure.

And some years, it feels like the weeds are winning.

To win against weeds, cotton growers need new solutions to combat resistance, preserve their family legacy and protect their fields, today and for generations to come. BASF has a legacy of bringing innovative solutions to growers, and our next innovation is right around the corner.

For the 2023 growing season, BASF will introduce Axant™ Flex technology, the industry’s first quadruple-stacked herbicide trait package. Coupled with Alite™ 27 herbicide, a new HPPD herbicide coming to cotton, cotton growers will have new chemistries to win the fight against weeds.
What is Axant™ Flex Technology?

- Most comprehensive and flexible weed management system in cotton
- Cotton’s first and only quad-stacked herbicide trait package – powered by a new HPPD trait, Axant
- Axant is the first HPPD-resistant trait in cotton that offers a new site-of-action to combat resistant broadleaf weeds, including Palmer amaranth, and problem grasses
- FOUR GM herbicide-resistant traits and trusted insect control traits introgressed into high-yielding genetics – Axant, XtendLink®, LibertyLink®, and GlyTol® traits
- Tolerant both PRE or EARLY POST to Alite™ 27 herbicide
- Commercially available for the 2023 growing season in select FiberMax® and Stoneville® cotton varieties

A Dynamic Duo – Axant Flex Technology + Alite 27 Herbicide

Alite 27 herbicide is a first-generation, broad-spectrum HPPD residual herbicide for PRE or EARLY POST applications for the control of broadleaf and grassy weeds. By combining the power of Axant Flex technology with Alite 27 herbicide, cotton growers will be able to use the new cotton herbicide to combat pervasive, herbicide-resistant weeds, like Palmer amaranth. With an HPPD residual herbicide, growers get early control and a widened window to address post-emergent issues without the need to rush back into the field. Growers can take pride in clean cotton fields from start to finish with this trait and herbicide pairing.
**Features**

Axant™ Flex technology pairs the most comprehensive herbicide trait package on the market today, with the excellent performance of FiberMax® and Stoneville® cotton seed.

Quad-stack traits in Axant Flex technology include Axant, XtendLink®, LibertyLink® and GlyTol®.

Alite™ 27 herbicide¹ can be applied PRE, in combination with complementary residual AIs, or EARLY POST in combination with complementary knockdown AIs.

**Benefits**

Provides innovative weed control with trusted, best-in-class germplasm, giving growers the best of both worlds.

Offers greater flexibility in pre- or post-emergent weed control programs allowing cotton growers to spray over-the-top applications of Alite 27¹, Engenia®, Liberty® and glyphosate herbicides.

Offers growers the ability to use Alite 27 herbicide¹ for added control without giving up their current weed management program.

**Trusted Seed + Axant Flex Technology**

With this innovation, BASF has combined four GM herbicide-resistant traits and three insect control traits with the best-in-class germplasm and native traits of FiberMax and Stoneville cotton. With FiberMax and Stoneville cotton seed powered by new Axant Flex technology, growers no longer have to face the tradeoff between weed control, and yield and fiber quality to get the returns they are seeking. The germplasm of the selected seed varieties offer protection from root-knot and reniform nematodes, bacterial leaf blight resistance, Verticillium wilt tolerance and other key diseases. FiberMax seed lines also were selected to perform well under drought conditions for yield and fiber stability.
Alite™ 27 herbicide (EPA Reg. No. 7969-433) is not registered for use on isoxaflutole-resistant cotton nor available for sale for such use. Information on using Alite 27 herbicide on isoxaflutole-resistant cotton is provided for educational purposes only and is not intended to promote the sale of this product. Any sale of Alite 27 herbicide after registration is obtained for use on isoxaflutole-resistant cotton shall be based solely on the EPA-approved product label, and any claims regarding product safety and efficacy shall be addressed solely by the label.

Alite 27 herbicide and Engenia® herbicide are US EPA Restricted Use Pesticides.

Alite 27 herbicide, a US EPA Restricted Use Pesticide, is currently labeled solely for weed control in GT27 or isoxaflutole-resistant soybean grown in select counties in certain states. This product is not labeled for use on isoxaflutole-resistant cotton.

After EPA approval of Alite 27 herbicide (EPA Reg. No. 7969-433) registration allowing use on isoxaflutole-resistant cotton, Alite 27 herbicide may only be used on GT27 or isoxaflutole-resistant soybean or isoxaflutole-resistant cotton. Crops not containing a gene expressing an HPPD protein will not be tolerant to Alite 27 herbicide.

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Always read and follow label directions.