Agronomy Profile



Refuge Advanced[®]

Overview

With so many trait options, following refuge management guidelines has become more complicated. SmartStax® Refuge Advanced® makes refuge management easier by ensuring refuge compliance in the Corn Belt¹ with a blend of 95% SmartStax seeds and 5% non-insect-traited refuge seeds in one bag.

What you should know

- Refuge Advanced is a convenient single-bag solution with no separate refuge required in the Corn Belt¹.
- Acres planted with SmartStax Refuge Advanced protect *Bt* technology by allowing *Bt*-susceptible insects to feed and breed with potentially resistant insects of the same type, thus helping to prevent resistance.
- Refuge Advanced reduces the number of steps growers need to take to maximize whole-farm yield potential, makes planning easier, and simplifies record-keeping for farm management and compliance reporting.

Action steps

- Select hybrids: Select the best genetics that meet the agronomic needs of your fields, combined with the best trait package to maximize yield potential and protect against yield-robbing insects. With Refuge Advanced, there is no need to purchase additional refuge hybrids.
- 2. **Consider agronomic factors:** A proprietary blending process ensures even distribution of refuge seed and SmartStax seed in the field. The refuge component is subject to the same high-quality standards as SmartStax seed for consistent germination, even emergence and excellent stand establishment.
- 3. **Comply with refuge requirements:** With Refuge Advanced, planting a refuge is as simple as pouring the seed into the planter and heading to the field. Growers planting *Bt*-traited products other than Refuge Advanced must plant a separate structured refuge to comply with U.S. Environmental Protection Agency-mandated refuge requirements.

¹ In cotton-growing regions, a separate 20% structured refuge is required for Refuge Advanced.

For more information, contact:



www.nutechseed.com 1-888-647-3478



With Refuge Advanced, refuge hybrids are distributed throughout the field along with SmartStax hybrids, ensuring refuge compliance in the Corn Belt.¹



- SmartStax Refuge Advanced is a single-bag solution that simplifies refuge management in the Corn Belt.¹
- SmartStax Refuge Advanced combines *Bt*-traited insect control with refuge seed, to protect *Bt* traits and reduce development of resistance.

NOTES:



SmartStax[®] multi-event technology developed by Dow AgroSciences and Monsanto. ®SmartStax and the SmartStax Logo are trademarks of Monsnato Technology LLC. [™]® Trademarks of Dow AgroSciences, DuPont or Pioneer, and their affiliated companies or their respective owners. © 2019 Corteva