

Agrisure Viptera

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Plant with Confidence

As an innovative farmer experiencing the advantages of Agrisure Viptera® technology, you may be aware of the recent market noise regarding Chinese import acceptance of corn containing the Agrisure Viptera trait. Syngenta is committed to meeting grower needs and we understand that you need more certainty in your farming operation. We want to ensure that you are confident in your options for marketing and selling your grain. To help, here are the facts.



The key to success in American agriculture has been the farmer's willingness to rapidly adopt technology, which has made U.S. farmers more efficient and productive than any other country in the world. Syngenta remains committed to bringing you the latest technologies as soon as they are available and approved in the U.S., so you can maintain your competitive advantage in the market place. We launched Agrisure Viptera-featuring breakthrough control of the multipest complex—as soon as it was approved for cultivation in the U.S. and in key export markets.



The vast majority of corn produced in the U.S. is used domestically. There is a misconception that China imports more grain than it actually does from the U.S. China has imported, on average, a little more than half of one percent – 0.5% – of all U.S. corn produced in the past five years¹.

In the last five years, on average, only about 13 percent of U.S. corn has been exported. The rest has been used domestically¹.



Hybrids containing the Agrisure Viptera trait have been sold, planted in multiple countries and the grain from them has been exported on a broad basis since 2011. Given that traditional major markets are legally able to accept Agrisure Viptera grain, farmers can have confidence in planting this innovative technology for its potential to increase yield and grain quality. Since very few U.S. grain outlets actually export to China, most have no reason to restrict your right to plant the latest technologies.

The Agrisure Viptera trait has been approved for cultivation by the U.S., Canada, Brazil, Argentina, Colombia, Paraguay and Uruguay, and approved for import in all key export markets including: Japan, Mexico, South Korea, Taiwan, Australia, New Zealand, the Philippines, Russia, Belarus, Kazakhstan, Indonesia and the European Union.

Should you have any questions about cultivation of hybrids containing Agrisure Viptera or import approvals, or for a list of businesses in your area that buy corn^{*}, please contact Syngenta by calling 1-800-319-1360 or by emailing export.info@syngenta.com. Emails will be answered within 24 hours.

For additional information, please visit www.agrisureexportapproval.com.

Syngenta encourages growers to consider their standard grain marketing outlet's acceptance policy when making decisions on new technologies and supports the NCGA's "Know Before You Grow" campaign.

Benefits of Agrisure Viptera

Given current commodity prices, it is critical that corn growers get the most out of their hybrids. Corn hybrids with the Agrisure Viptera trait offer in-seed defense against a collection of lepidopteran corn pests that costs U.S. corn growers 238 million bushels of corn and more than \$1.65 billion in annual yield and grain quality losses².

Agrisure Viptera trait technology features the Vip3A protein, a robust mode of action that offers unsurpassed control of the multi-pest complex.

In addition to providing the best above-ground insect control on the market, through control of ear-feeding insects, corn hybrids with the Agrisure Viptera trait preserve grain quality by protecting against mycotoxins (all fungal toxins, including aflatoxin), estimated to cause crop losses of \$932 million annually in the United States alone³.

For more information, please visit www.agrisureviptera.com.

Field trials demonstrate the effectiveness of hybrids containing the Agrisure Viptera[®] trait (on right) compared to hybrids without the trait.



Trial observations taken from one trial in Crawford County, Kan. in August 2012.

¹ Informa Economics

² Census 2007 USDA, USDA Risk Management Agency's internal indemnity database. Aflatoxin Center of Excellence of the South, Syngenta Entomology Research ³ Council for Agriculture Science and Technology. "Mycotoxins: Risks in Plant, Animal, and Human Systems." Task Force Report 139. Ames, IA. 2003.

*We cannot provide acceptance status of locations due to the changing nature of that information



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