# **National Corn Growers Association**

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#### **Know Before You Grow**

For Farmers > Know Before You Grow

NCGA recommends that as you select hybrids you do so with the full knowledge of whether the number is conventional, one approved for EU export or one not yet approved for EU export.



#### APPROVAL STATUS OF BIOTECH CORN HYBRIDS

### KNOW BEFORE YOU GROW<sup>SM</sup>

NCGA is firmly committed to the principle that U.S.-grown biotech hybrids yet to be approved in major export markets should not be placed into export channels. Because not all hybrids are approved for all export market uses, especially in the European Union (EU), corn growers should select hybrids with the full knowledge of whether they are conventional, fully approved for EU export, or not yet fully approved for EU export. Growers should read their grower agreements before planting and communicate with their grain buyers.

This is why NCGA works with technology providers to publicize regular updates on the approval status of these events. Regardless of export status, there is an ample market for U.S. biotech corn – approximately 42 percent of all U.S.-grown corn is fed to domestic livestock.

In 2005, the EU announced that a number of hybrids had been approved for use in production of processed feeds (corn gluten feed and DDGS). However, hybrids remain available in the U.S. market that cannot be used by domestic processors for production of processed feeds and food exported to the EU. Growers planting one of those hybrids awaiting full EU approval must talk with their grain handler before harvest and delivery.

Below is a list of biotech seed products available for the 2011 planting season\*. All of the hybrids listed below have full food and feed approval in the United States

*Click on the Event number for company hybrid numbers. To search by hybrid number, company brand name or characteristic, <u>click here</u>.* 

PRODUCT REGISTRANT TRADE NAME	CHARACTERISTIC	EVENT	JAPAN APPROVED	EU FOOD APPROVAL	EU PROCESSED FEED APPROVAL
Syngenta Agrisure™ CB/LL	Cry1Ab, Corn Borer Glufosinate herbicide Tolerance	<u>Bt11</u>	Yes	Yes	Yes
Agrisure Viptera™ 3110	Vip3A, Cry1Ab, European and Southwestern Corn Borers, Southern Cornstalk Borer, Fall and Beet Armyworm, Black and Western Bean Cutworm, Sugarcane Borer, Common Stalk borer and Dingy Cutworm protection Glyphosate tolerance Glufosinate tolerance		Yes	No	No
Agrisure Viptera™ 3111	Vip3A, Cry1Ab, European and Southwestern Corn Borers, Southern cornstalk borer, Fall and Beet armyworm, Black and Western Bean Cutworm, Sugarcane borer, Western, Northern and Mexican corn rootworm, Common stalk borer and Dingy cutworm protection Glyphosate tolerance Glufosinate tolerance	<u>MIR162+Bt11+GA21+MIR604</u>	Yes	No	No
DowAgrosciences Pioneer Hi-Bred Herculex® I	Cry1F, Western Bean Cutworm, Corn Borer, Black Cutworm and Fall Armyworm resistance Glufosinate herbicide tolerance.	<u>TC1507</u>	Yes	Yes	Yes
Monsanto YieldGard® Corn Borer		<u>Mon810</u>	Yes	Yes	Yes
Monsanto YieldGard® Corn Borer with Roundup Ready® Corn 2		<u>Mon810+NK603</u>	Yes	Yes	Yes

	and Southern Cornstalk Borer protection. Glyphosate herbicide tolerance.				
Monsanto YieldGard® Rootworm with Roundup Ready® Corn 2	Northern and	<u>Mon863+NK603</u>	Yes	Yes	Yes
Monsanto YieldGard® Rootworm	,	<u>Mon863</u>	Yes	Yes	Yes
Monsanto Roundup Ready® Corn 2	Glyphosate herbicide tolerance.		Yes	Yes	Yes
Bayer CropScience LibertyLink®	Glufosinate herbicide tolerance.	<u>T25</u>	Yes	Yes	Yes
Monsanto YieldGard® Plus	Cry1Ab, Cry3Bb1, European and Southwestern, Corn Borers, Sugarcane Borer, Southern Cornstalk Borer, , and Western, Northern and Mexican Corn Rootworm protection.	<u>Mon810+Mon863</u>	Yes	Yes	Yes
Monsanto YieldGard® Plus with Roundup Ready® Corn 2	hr.		Yes	Yes	Yes
DowAgrosciences Pioneer Hi-Bred Herculex® I Monsanto Roundup Ready® Corn 2	Cry1F, Western Bean Cutworm, Corn Borer, Black Cutworm and Fall Armyworm resistance. Glyphosate herbicide tolerance Glufosinate herbicide tolerance.		Yes	Yes	Yes
Syngenta Agrisure® GT	Glyphosate herbicide tolerance.	<u>SYTGA21</u>	Yes	Yes	Yes
Syngenta Agrisure® GT/CB/LL	Cry1AB, European and Southwestern Corn borer protection Glyphosate herbicide tolerance Glufosinate	<u>Bt11+GA21</u>	Yes	Yes	Yes

Dow AgroSciences	Cry34/35Ab1,	DAS59122-7	Yes	Yes	Yes
Pioneer Hi-Bred	Western Corn				
Herculex <sup>®</sup> RW	Rootworm, Northern				
	Corn Rootworm				
	protection.				
	Glufosinate				
~	herbicide tolerance.				
Dow AgroSciences	Cry1F, Western	TC1507+DAS59122-7	Yes	Yes	Yes
Pioneer Hi-Bred Herculex® Xtra	Bean Cutworm,				
Herculex® Atra	Corn Borer, Black Cutworm and Fall				
	Armyworm				
	resistance Northern				
	Corn Rootworm.				
	Western Corn				
	Rootworm				
	protection.				
	Glufosinate				
	herbicide tolerance.				
Dow AgroSciences		DAS59122-7+NK603	Yes	Yes	Yes
Pioneer Hi-Bred	Western Corn				
Herculex <sup>®</sup> RW	Rootworm, Northern				
Monsanto Roundup	Corn Rootworm				
Ready <sup>®</sup> Corn 2	protection.				
	Glufosinate herbicide tolerance.				
	Glyphosate herbicide				
	tolerance.				
	torerance.				
	.				
Dow AgroSciences	Cry1F, Western	TC1507+DAS59122-7+NK603	Yes	Yes	Yes
Pioneer Hi-Bred	Bean Cutworm,				
Herculex® Xtra	Corn Borer, Black				
Monsanto Roundup®	Cutworm and Fall				
Corn 2	Armyworm				
	resistance.				
	Glufosinate				
	herbicide tolerance. Cry34/35Ab1,				
	Western Corn				
	Rootworm Northern				
	Corn Rootworm				
	Protection.				
	Glyphosate herbicide				
	tolerance.				
Monsanto YieldGard	Cry3Bb1, Western,	Mon88017	Yes	Yes	Yes
VT <sup>TM</sup>	Northern, and				
Rootworm/RR2®	Mexican Corn				
	Rootworm				
	protection.				
	Glyphosate				
	Herbicide Tolerance.			¥.7	<b>X</b> 7
Monsanto YieldGard		Mon810+Mon88017	Yes	Yes	Yes
VT <sup>™</sup> Triple	European and				
	Southwestern Corn				
	Borer, Sugarcane Borer and Southern				
	Cornstalk Borer and				
	Western, Northern,				
	and Mexican Corn				
	Rootworm				
	protection.				
	Glyphosate herbicide				
	tolerance.				

RW	Protection of Western, Northern and Mexican Corn Rootworm.				
Syngenta® GT/RW	Modified Cry3A, Protection of Western, Northern and Mexican Corn Rootworm Glyphosate herbicide tolerance	MIR604+SYTGA21	Yes	No	No
Syngenta Agrisure® CB/LL/RW	Cry1Ab, Corn Borer protection Modified Cry3A, Protection of Western, Northern and Mexican Corn Rootworm Glufosinate herbicide tolerance.	<u>Bt11+MIR604</u>	Yes	No	No
Syngenta Agrisure® 3000GT	protection. Modified Cry3A, Protection of Western, Northern and Mexican Corn Rootworm. Glufosinate herbicide tolerance. Glyphosate tolerance.		Yes	No	No
Monsanto Genuity™ VT Double PRO™	Cry1A.105, Cry2Ab2, European and Southwestern Corn Borers, Sugarcane Borer, Southern Cornstalk Borer, Corn Earworm, and Fall Armyworm protection. Glyphosate herbicide tolerance.	<u>Mon89034+NK603</u>	Yes	Yes	Yes
Monsanto Genuity™ VT Triple PRO™	Cry1A.105, Cry2Ab2, Cry3Bb1, European and Southwestern Corn Borers, Sugarcane Borer, Southern Cornstalk Borer, Corn Earworm, Fall Armyworm, Western Corn Rootworm, Northern Corn Rootworm, and Mexican Corn Rootworm protection. Glyphosate herbicide tolerance.		Yes	Yes	Yes
Monsanto Genuity™ SmartStax™ DowAgrosciences SmartStax™	Cry1A.105,	<u>Mon88017+Mon89034+</u> TC1507+DAS59122-7	Yes	No	No

European and		
Southwestern Corn		
Borers, Sugarcane		
Borer, Southern		
Cornstalk Borer,		
Western Bean and		
Black Cutworms,		
Corn Earworm, Fall		
Armyworm		
protection.		
Glyphosate herbicide		
tolerance.		
Glufosinate		
herbicide tolerance.		

\* This list is representative of available products but may not include all corn biotechnology hybrids currently available.

PLEASE NOTE: The Know Before You Grow database is generated by distributing surveys to seed companies throughout the country. Its accuracy relies on accurate reporting from the companies that return these surveys. While NCGA strives to make the information as comprehensive and factual as possible, it is absolutely necessary that growers work with seed distributors and grain buyers to verify that the seed they purchase is appropriate for the market that they wish to serve.

For more information contact your local seed company representative.

#### KNOW WHERE TO GO

NCGA urges you to funnel hybrids not fully approved for EU export into one of three markets. Those markets are: (1) your own livestock rations, (2) domestic livestock feeding channels or (3) elevators accepting grain not yet fully approved for EU export. Visit the American Seed Trade Association Web site for more information about the policies of grain facilities accepting hybrids not yet approved for export to the EU.

#### **Market Watch**

Corn Corn	Dec Mar	\$6012 \$6080 \$6472	+32 +24 +26
Corn	May	\$6152	+26
	Mouse over co	tract for more info.	
	Quotes delayed (10-30 minutes)	SCBOT	

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Get Our Email Newsletter Delivered Every Week

# AG Round Up

CO: Letter to the Fort Collins City Council regar ...

IA: Corn Caucus Project Presidential Report Card R ...

MI: Corn Grower Membership Increases in Value

MN: E3 Posters provide Forum for MCGA-Sponsored R ...

Visit a state site State Sites

## Quick Links

- Marketing Information on Agrisure Viptera Corn Marketing Information on Agrisure Viptera Corn
- World of Corn Tracks Production. Uses for Corn World of Corn Tracks Production. Uses for Corn
- <u>Ethanol Roadmap Provides Five Steps for Energy Security</u>

Ethanol Roadmap Provides Five Steps for Energy Security

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