



## **Corn Refiners Association Statement on Transgenic Grain Regulation**

Members of the Corn Refiners Association (CRA) support the development and commercial application of new corn varieties produced through modern biotechnology. Biotechnology offers farmers around the world a new tool to produce more food for a growing population, offers consumers access to new products produced from renewable resources and enables production of food and industrial products from corn in a sustainable environment with reduced reliance on chemical inputs.

Corn refiners export more than a billion dollars of processed food and feed products around the globe and must comply with a wide variety of regulatory systems governing biotechnology in many countries. Because one of the most important refined corn product exports is corn gluten feed destined for the European Union, evolving E.U. regulations on biotechnology have been of particular interest.

The European Union requires approval for biotech grains prior to their use in making food and processed feeds such as corn gluten feed. Until 2004, processed feeds made using biotech grain varieties did not require approval. The European Union provided a transition period and a registry for “existing products” that had been legally sold before 2004. These existing products may continue to be used for production of processed feeds and food additives while approval applications are being considered.

The attached chart, compiled by the National Corn Growers Association (as of May 25, 2007), lists commercial biotech corn varieties to be marketed in 2007 and their legal status for use in food and processed feed exports to the European Union. Corn varieties included on this list for processed feeds account for the vast majority of biotech corn produced in the United States and may be accepted by corn refiners for production of processed feeds for the European market. However, each corn processing facility will have its own list of varieties that it can accept. CRA urges growers and elevators delivering to corn processing facilities to confirm prior to delivery of 2006-crop corn that their deliveries meet these policies. Corn suppliers should be advised that certain varieties not approved for food and feed use in the European Union may not be deliverable.

Varieties which are not fully approved or that do not appear on the E.U. registry of existing products for processed feeds are:

Dow AgroSciences Pioneer Hi-Bred Herculex Rootworm  
Dow AgroSciences Pioneer Hi-Bred Herculex Xtra  
Dow AgroSciences Pioneer Hi-Bred Herculex Rootworm Monsanto Roundup Ready 2  
Dow AgroSciences Pioneer Hi-Bred Herculex Xtra Monsanto Roundup Ready 2

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Monsanto YieldGard Plus with Roundup Ready 2  
Syngenta Agrisure GT/CB YieldGard Liberty Link  
Dow AgroSciences Pioneer Hi-Bred Herculex I Roundup Ready 2  
Monsanto YieldGard VT Rootworm/Roundup Ready 2  
Monsanto YieldGard VT Triple  
Syngenta Agrisure RW  
Syngenta Agrisure GT/RW  
Syngenta Agrisure CG/LL/RW

The list of varieties not fully approved in the European Union for food is more extensive. Please consult the attached NCGA chart. Some of these varieties may be easily detectable in corn grain using both rapid and DNA-based testing methods. Detection of one of these varieties in exports to the European Union has resulted in a sharp decline in the export market for corn gluten feed in 2007. Detection of these varieties in exports from the 2007 corn crop could continue to disrupt international and domestic grain markets in the 2007-08 crop year.

May 2007

## STATUS OF BIOTECH CORN VARIETIES – NATIONAL CORN GROWERS ASSOCIATION

May 25, 2007

PRODUCT REGISTRANT TRADE NAME	CHARACTERISTIC	EVENT	JAPAN APPROVED	EU FOOD APPROVAL	EU PROCESSED FEED APPROVAL
Syngenta Agrisure CB YieldGard Liberty Link	Cry1Ab Corn Borer protection Glufosinate Herbicide tolerance	<a href="#">Bt11</a>	Yes	Yes	Yes
DowAgrosciences Pioneer Hi-Bred Herculex I	Cry1F Western Bean Cutworm, Corn Borer, Black Cutworm and Fall Armyworm resistance Glufosinate Herbicide tolerance	<a href="#">TC1507</a>	Yes	Yes	Yes
MonsantoYieldGard	Cry1Ab Corn Borer protection	<a href="#">Mon810</a>	Yes	Yes	Yes
MonsantoYieldGard Roundup Ready 2	Cry1Ab Corn Borer protection Glyphosate Herbicide tolerance	<a href="#">Mon810+Nk603</a>	Yes	No	Yes
YieldGard Corn Rootworm Protection Roundup Ready 2	Corn Rootworm protection Glyphosate Herbicide tolerance	<a href="#">Mon863+Nk603</a>	Yes	No	Yes
YieldGard Corn Rootworm Protection	Corn Rootworm protection	<a href="#">Mon863</a>	Yes	Yes	Yes
Monsanto Roundup Ready 2	Glyphosate Herbicide tolerance	<a href="#">Nk603</a>	Yes	Yes	Yes
Bayer CropScience Liberty Link	Glufosinate Herbicide tolerance	<a href="#">T25</a>	Yes	Yes	Yes
MonsantoYieldGard Plus	Cry1Ab Corn Borer protection Corn Rootworm protection	<a href="#">Mon810+Mon863</a>	Yes	No	Yes
MonsantoYieldGard Plus with Roundup Ready 2	Cry1Ab Corn Borer protection Corn Rootworm protection Glyphosate Herbicide tolerance	<a href="#">Mon810+Mon863+N K603</a>	Yes	No	<b>No</b>
Herculex I Roundup Ready 2	Cry1F Western Bean Cutworm, Corn Borer, Black Cutworm and Fall Armyworm resistance Glyphosate Herbicide tolerance Glufosinate Herbicide tolerance	<a href="#">TC1507+NK603</a>	Yes	No	<b>No</b>
Syngenta Agrisure GT	Glyphosate Herbicide tolerance	<a href="#">SYTGA21</a> **	Yes	Yes	Yes

PRODUCT REGISTRANT TRADE NAME	CHARACTERISTIC	EVENT	JAPAN APPROVED	EU FOOD APPROVAL	EU PROCESSED FEED APPROVAL
Syngenta Agrisure GT/CB YieldGard Liberty Link	Cry1Ab Corn Borer protection Glyphosate Herbicide tolerance	<a href="#">SYTGA21 + Bt11</a>	No	No	No
Monsanto YieldGard Roundup Ready	Cry1Ab Corn Borer resistance Glyphosate Herbicide tolerance	<a href="#">Mon810+SYTGA21</a>	Yes	No	Yes
Dow AgroSciences Pioneer Hi- Bred Herculex Rootworm	Cry34/35Ab1 Western Corn Rootworm, Northern Corn Rootworm and Mexican Corn Rootworm resistance Glufosinate Herbicide tolerance	<a href="#">DAS-59122-7</a>	Yes	No	No
Dow AgroSciences Pioneer Hi- Bred Herculex Xtra	Cry1F Western Bean Cutworm, Corn Borer, Black Cutworm and Fall Armyworm resistance Northern Corn Rootworm, Western Corn Rootworm and Mexican Corn Rootworm resistance Glufosinate Herbicide tolerance	<a href="#">TC1507 + DAS 59122-7</a>	Yes	No	No
Dow AgroSciences Pioneer Hi- Bred Herculex Rootworm Monsanto Roundup Ready 2	Cry34/35Ab1 Western Corn Rootworm, Northern Corn Rootworm and Mexican Corn Rootworm resistance Glyphosate Herbicide tolerance	<a href="#">DAS-59122-7 + NK603</a>	Yes	No	No
Dow AgroSciences Pioneer Hi- Bred Herculex Xtra Monsanto Roundup Ready 2	Cry1F Western Bean Cutworm, Corn Borer, Black Cutworm and Fall Armyworm resistance, Glufosinate Herbicide tolerance Cry34/35Ab1 Western Corn Rootworm, Northern Corn Rootworm and Mexican Corn Rootworm resistance Glyphosate Herbicide tolerance	<a href="#">TC1507 + DAS 59122-7 + NK603</a>	Yes	No	No
Monsanto YieldGard VT Rootworm/RR2	Corn Rootworm protection, Glyphosate Herbicide tolerance	<a href="#">MON 88017</a>	Yes	No	No
YieldGard VT Triple	Cry1Ab Corn Borer protection, Corn Rootworm protection, Glyphosate Herbicide tolerance	<a href="#">MON 810 + MON 88017</a>	Yes	No	No
Syngenta Agrisure RW	Modified Cry3A, Protection of Western, Northern and Mexican Corn Rootworm	<a href="#">MIR604</a>	No	No	No
Syngenta Agrisure GT/RW	Modified Cry3A, Protection of Western, Northern and Mexican Corn Rootworm and Glyphosate Herbicide tolerance	<a href="#">MIR604+SYTGA21</a>	No	No	No
Syngenta Agrisure CB/LL/RW	Modified Cry3A, Protection of Western, Northern and Mexico Corn Rootworm and Glufosinate Herbicide tolerance	<a href="#">Bt11+MIR604</a>	No	No	No

\*\*This event does not have whole grain import approval in the European Union.