

## GMO Testing Guidelines for the 2017 Harvest

For help with selection of the most cost-effective GMO test plan(s) for your specific objectives, crops, or products, please contact FoodChain ID Testing at [testing@foodchainid.com](mailto:testing@foodchainid.com) or 1-888-229-2011. One of our technical advisors will be happy to assist you.

<b>Qualitative test plan for GM Corn</b>	
This test plan covers all of the GM corn events now commercialized in North America. Qualitative test results are reported as “Detected” or “Not detected”.	
<b>GMO test</b>	<b>GM corn events covered by the tests</b>
CaMV 35S Promoter	The combination of these two tests covers all GM corn events commercialized in North America.
NOS Terminator	

<b>Quantitative test plan for GM Corn</b>	
This test plan provides quantitative analysis for GM corn, covering the GM corn events now commercialized in North America. Quantitative test results show the % GMO.	
<b>GMO test</b>	<b>GM corn event(s) covered by the test</b>
CaMV 35S Promoter	Bt11, DAS-59122-7, Mon 810, Mon 87460, Mon 88017, Mon 89034, NK603, T25, TC1507
Corn GA21	GA21 (Syngenta Agrisure GT)
Corn MIR604	MIR604 (Syngenta Agrisure RW)
Corn MIR162	MIR162 (Syngenta Agrisure Viptera)

<b>Testing for specific GM Corn events</b>		
Testing for these specific GM corn events may be required for certain export markets.		
<b>GM corn event</b>	<b>Commercialization in North America</b>	<b>Not yet approved by</b>
Event 3272 (Enogen)	Event 3272 is part of a stacked GM corn event that is in closed-loop cultivation for ethanol production. <i>(Not commercialized as a single event.)</i>	European Union
5307 (Agrisure Duracade)	Event 5307 is commercialized as part of two different stacked GM corn events. <i>(Not commercialized as a single event.)</i>	European Union

<b>Test plan for GM Soybeans</b>	
This test plan covers the four main GM soybean events now commercialized in North America. Choose Qualitative or Quantitative analysis.	
<b>GMO test</b>	<b>GM soybean event(s) covered by the test</b>
CaMV 35S Promoter	Mon 40-3-2 (Roundup Ready)
	Bayer CropScience A2704-12 (LibertyLink)
	Bayer CropScience A5547-127 (LibertyLink)
Soy Mon 89788	Mon 89788 (Roundup Ready 2 Yield)

<b>Testing for specific GM Soybean events</b>	
Testing for specific GM soybean events may be needed for certain circumstances.	
<b>GM soybean event</b>	<b>Commercialization in North America</b>
DP-305423 (HOS) (High oleic soybean)	DP-305423 (HOS) is in closed-loop cultivation for oil production, as a single event, and as part of a stacked GM soybean event (HOS x GTS 40-3-2).
Mon 87705 (High oleic soybean)	Mon 87705 is commercialized as part of a stacked GM soybean event (Mon 87705 x Mon 89788) that is in closed-loop cultivation for oil production. <i>(Not commercialized as a single event.)</i>
Mon 87708 (Dicamba tolerant)	Mon 87708 is commercialized as part of a stacked GM soybean event (Mon 87708 x Mon 89788). <i>(Not commercialized as a single event.)</i>

<b>Testing for GM Alfalfa</b>		
Testing for GM alfalfa may be required for export or domestic markets.		
<b>GM alfalfa events</b>	<b>Commercialization in North America</b>	<b>Not yet approved by</b>
J101/J163 (Roundup Ready)	Commercialized as Roundup Ready Alfalfa, and as part of a stacked GM alfalfa event (KK179 x J101).	China European Union
KK179 (HarvXtra)	Commercialized as part of a stacked GM alfalfa event (KK179 x J101).	China European Union

<b>GMO testing for other crops, and for processed products</b>	
	<b>Crops for which GMO testing may be needed</b>
Ask about GMO testing for these crops	alfalfa, apple, canola, corn, cotton, flax, papaya, rice, soybean, sugar beet, yellow summer squash, zucchini, etc.