

“ANNEX I-A”

**APPROVAL REGISTRY
OF COMBINED TRAIT PRODUCTS
FOR DIRECT USE AS FOOD AND FEED AND FOR PROCESSING**
(As of September 10, 2015)

Combined Trait Product	Introduced Trait and Gene	Date Approved	Interaction of the resulting gene products		Technology Developer	Other Countries with Similar Approval
			Yes	No		
Corn MON89034 x corn TC1507 x corn NK603	<p>Contain two genes (<i>cry1A.105</i> and <i>cry2Ab2</i>) from <i>Bacillus thuringiensis</i> which protect the plant from Asiatic corn borer, common cutworm and corn earworm</p> <p>Contains <i>cry1F</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp) and the <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate- ammonium herbicide.</p> <p>Contains <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp CP4 strain which confers tolerance to the Roundup family of agricultural herbicides</p>	Dec. 10, 2010		✓	Dow Agro Sciences and Monsanto Philippines	USA, Canada, Japan and Australia
Corn Bt11 x corn MIR162 x corn TC1507 x corn GA21	<p>Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> which provides resistance to corn borer and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confers tolerance to herbicide; <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to lepidopteran pests; <i>pmi</i> gene from <i>Escherichia coli</i> encoding the enzyme phosphomannose isomerase present as a selectable marker; <i>cry1F</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp); <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate-ammonium herbicide; and modified <i>epsps</i> gene from corn which confers tolerance to herbicides</p>	Dec. 22, 2010			Syngenta Philippines	USA, Australia, Canada, Japan
Corn TC1507 x corn NK603	<p>Contains <i>cry1F</i> gene from <i>Bacillus thuringiensis</i>, which confer resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp) and <i>pat</i> genes from <i>Streptomyces viridochromogenes</i>, which provides</p>	Feb 17, 2011 (renewal)		✓	Pioneer Hi-Bred and Dow AgroSciences	Argentina, Australia/ New Zealand, Brazil, Canada, Columbia, EU, Japan, South

	tolerance to glufosinate- ammonium herbicides and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. <i>CP4</i> strain which confers tolerance to the Roundup family of agricultural herbicides					Korea, Mexico, Taiwan, USA,
Cotton 15985 x RR Flex Cotton (MON88913)	Contains the <i>cry2Ab2</i> and <i>cry1Ac</i> genes which encode proteins that convey protection from lepidopteran insect pests and the <i>cry3Bb1</i> gene from <i>Bacillus thuringiensis</i> subs <i>kumamotoensis</i> which confers resistance to corn root worm and the <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. <i>CP4</i> strain which confers tolerance to the Roundup family of agricultural herbicides	Apr. 20, 2011 (renewal)		✓	Monsanto Philippines	Australia, Canada, Colombia, Japan, Korea, Mexico, South Africa
Corn MON88017 x corn MON810	Contains <i>cry3Bb1</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to the corn rootworm, <i>Diabrotica</i> spp; <i>cp4epsps</i> from <i>Agrobacterium</i> sp. which encodes for tolerance to glyphosate resistance and <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> var <i>kurstaki</i> which confers resistance to corn borer	July 1, 2011 (renewal)		✓	Monsanto Philippines	USA, EU, Japan, Korea (food/feed); Mexico, Taiwan (food); Canada (feed)
Corn Bt11 x corn DAS59122 x corn MIR604 x corn TC1507 x corn GA21	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to corn borer and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to herbicide; <i>cry34Ab1</i> and <i>cry35Ab1</i> genes from <i>Bacillus thuringiensis</i> , which confers resistance to certain coleopteran pests such as corn rootworm, <i>Diabrotica</i> sp. and the <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate-ammonium herbicides; modified <i>cry3A</i> (mCry3A) from <i>Bacillus thuringiensis</i> subsp. <i>tenebriones</i> which confers resistance to corn rootworm; <i>cry1F</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp); and modified <i>epsps</i> gene from corn which confers tolerance to herbicides	August 3, 2011		✓	Syngenta Philippines	USA, Australia, Canada (food and feed) and Japan (food)
Corn Bt11 x corn GA21	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confer resistance to corn borer and tolerance to herbicide respectively and modified <i>epsps</i> gene from corn which confers tolerance to herbicides	Jan. 23, 2012 (renewal)		✓	Syngenta Philippines	United States and Canada (food and feed), Korea (food)
Corn 59122 x corn NK603	Contains <i>cry34Ab1</i> and <i>cry35Ab1</i> from <i>Bacillus thuringiensis</i> , which confers resistance to certain coleopteran pests such as corn rootworm, <i>Diabrotica</i> sp.; <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which	Feb. 7, 2012 (renewal)		✓	Pioneer Hi-Bred, Philippines and Dow AgroSciences	USA, Canada, Japan, Australia, New Zealand and Korea

	provides tolerance to glufosinate-ammonium herbicides; and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. CP4 strain which confers tolerance to the Roundup family of agricultural herbicides					
Corn TC1507 x corn 59122	Contains <i>cry1F</i> gene which confers resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp) and <i>cry34Ab1</i> and <i>cry35Ab1</i> from <i>Bacillus thuringiensis</i> , which confers resistance to certain coleopteran pests such as corn rootworm, <i>Diabrotica</i> sp. and the <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate-ammonium herbicides	Feb. 7, 2012 (renewal)		✓	Pioneer Hi-Bred, Philippines and Dow Agro Sciences	USA, Canada, Japan, Australia, New Zealand Korea and Mexico
Corn 59122 x corn TC1507 x corn NK 603	Contains <i>cry34Ab1</i> and <i>cry35Ab1</i> genes from <i>Bacillus thuringiensis</i> , which confers resistance to certain coleopteran pests such as corn rootworm, <i>Diabrotica</i> sp.; <i>cry1F</i> from <i>Bacillus thuringiensis</i> (<i>Bt</i>) var. <i>aizawai</i> controlling certain lepidopteran pests such as European corn borer, southwestern corn borer, fall armyworm and black cutworm; <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate- ammonium herbicides; and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. CP4 strain which confers tolerance to the Roundup family of agricultural herbicides	Feb. 7, 2012 (renewal)		✓	Pioneer Hi-Bred, Philippines and Dow Agro Sciences	USA, Canada, Japan, Australia, New Zealand Korea and Mexico
Corn TC1507 X corn MON810 x corn NK603	Contains <i>cry1F</i> from <i>Bacillus thuringiensis</i> (<i>Bt</i>) var. <i>aizawai</i> controlling certain lepidopteran pests such as European corn borer, southwestern corn borer, fall armyworm and black cutworm; <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> ; <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> which renders resistance to corn borer; and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. CP4 strain which confers tolerance to the Roundup family of agricultural herbicides	May 16, 2012		✓	Pioneer Hi-Bred, Philippines	U.S.A., Canada, Mexico
Corn Bt11 x corn MIR604	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confers resistance to corn borer and tolerance to herbicide respectively and modified <i>cry3A</i> (<i>mCry3A</i>) from <i>Bacillus thuringiensis</i> subsp. <i>tenebriones</i> which confers resistance to corn rootworm	Dec. 13, 2012		✓	Syngenta Philippines	Korea, Japan and USA
Corn MIR604 x corn GA21	Contains modified <i>cry3A</i> (<i>mCry3A</i>) gene from <i>Bacillus thuringiensis</i> subsp. <i>tenebriones</i> which confers resistance to corn rootworm and modified <i>epsps</i> gene from	Dec. 13, 2012		✓	Syngenta Philippines	Korea and Japan

	corn which confers tolerance to herbicides					
Corn Bt11 x corn MIR604 x corn GA21	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confer resistance to corn borer and tolerance to herbicide respectively and modified <i>cry3A (mCry3A)</i> from <i>Bacillus thuringiensis</i> subsp. <i>tenebriones</i> which confers resistance to corn rootworm and modified <i>epsps</i> gene from corn which confers tolerance to herbicides	Mar 1, 2013			Syngenta Philippines	Korea, Japan, Canada, Mexico
Corn Bt 11 x corn MIR162	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confer resistance to corn borer and two novel genes: <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> resistance to lepidopteran pests and <i>pmi</i> gene from <i>Escherichia coli</i> encoding the enzyme phosphomannose isomerase present as a selectable marker	Oct. 29, 2013		✓	Syngenta Philippines	USA (food and feed), Japan (food)
Corn Bt11 x corn TC1507 x corn GA21	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> which provides resistance to corn borer; <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which gives tolerance to herbicide; <i>cry1F</i> gene which confer resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp); and modified <i>epsps</i> gene from corn which confers tolerance to herbicides	January 23, 2014		✓	Syngenta Philippines	USA, Australia, Canada (food and feed) and Japan (food)
Soybean 305423 x soybean 40-3-2	Contains <i>gm-fad2-1</i> gene fragment providing increased levels of monounsaturated (oleic) fatty acid and decreased levels of polyunsaturated fatty acids (linoleic and linolenic) and to a lesser extent, palmitic acid, via a mechanism of gene silencing and <i>gm-hra</i> gene which encodes the GM-HRA protein conferring tolerance to ALS-inhibiting herbicides; it was used solely as a selectable marker, and does not provide a commercial level of herbicide tolerance It also contains <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp strain, CP4 which confers resistance tolerance to Round up family of agricultural herbicides	April 30, 2014		✓	Pioneer Hi-Bred Philippines	U.S.A., Canada, Mexico, Australia / New Zealand, South Africa, Japan, South Korea and Taiwan
Corn 87460 x corn MON89034 x corn NK603	Contains two genes (<i>cry1A.105</i> and <i>cry2Ab2</i>) from <i>Bacillus thuringiensis</i> which protect the plant from Asiatic corn borer, common cutworm and corn earworm and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp CP4 strain which confers tolerance to the Roundup family of agricultural herbicides.	July 10, 2014		✓	Monsanto Philippines	Japan (food and feed); Korea (feed); Taiwan (food)
Corn MON89034 x corn NK603	Contains two genes (<i>cry1A.105</i> and <i>cry2Ab2</i>) from <i>Bacillus thuringiensis</i> which protect the plant from Asiatic corn borer, common	July 22, 2014 (Renewal)		✓	Monsanto Philippines	USA, Canada and Japan (food and

	cutworm and corn earworm and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp CP4 strain which confers tolerance to the Roundup family of agricultural herbicides.					feed): Taiwan (food)
Soybean MON87701 x MON89788	Contains <i>cry1Ac</i> gene from <i>Bacillus thuringiensis</i> (<i>Bt</i>) subsp. <i>kurstaki</i> , which confers resistance to lepidopteran pests: velvetbean caterpillar (<i>Anticarsia gemmatalis</i>), soybean looper (<i>Pseudoplusia includens</i>), soybean axil borer (<i>Epinotia aporema</i>), and sunflower looper (<i>Rachiplusia nu</i>) and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. Strain, CP4 which confers resistance tolerance to Round up family of agricultural herbicides	September 26, 2014		✓	Monsanto Philippines	Japan, Korea, US
Corn MON87460 x MON89034 x MON88017	Contains <i>cp4epsps</i> from <i>Agrobacterium tumefaciens</i> , which confers tolerance to glyphosate, the active ingredient in Roundup agricultural herbicides, two genes (<i>cry1A.105</i> and <i>cry2Ab2</i>) from <i>Bacillus thuringiensis</i> which protect the plant from Asiatic corn borer, common cutworm and corn earworm, <i>cry1Ac</i> gene from <i>Bacillus thuringiensis</i> (<i>Bt</i>) subsp. <i>kurstaki</i> , which confers resistance to lepidopteran pests: velvetbean caterpillar (<i>Anticarsia gemmatalis</i>), soybean looper (<i>Pseudoplusia includens</i>), soybean axil borer (<i>Epinotia aporema</i>), and sunflower looper (<i>Rachiplusia nu</i>)	September 26, 2014		✓	Monsanto Philippines	Japan, Korea, Taiwan
Corn MON89034 x corn MON88017	Contains two genes (<i>cry1A.105</i> and <i>cry2Ab2</i>) from <i>Bacillus thuringiensis</i> which protect the plant from Asiatic corn borer, common cutworm and corn earworm; and contains <i>cry3Bb1</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to the corn rootworm, <i>Diabrotica</i> spp and <i>cp4epsps</i> gene from <i>Agrobacterium</i> sp. which confers tolerance to glyphosate	Oct. 19, 2014		✓	Monsanto Philippines	USA, Canada and Japan (food and feed); Taiwan (food)
Corn TC1507 x DAS59122 x MON810 x MIR604 x NK603	Contains <i>cry1F</i> and <i>pat</i> genes which confer resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp) and tolerance to glufosinate herbicides respectively, <i>cry34Ab1</i> and <i>cry35Ab1</i> from <i>Bacillus thuringiensis</i> , which confers resistance to certain coleopteran pests such as corn rootworm, <i>Diabrotica</i> sp. and the <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate- ammonium herbicides, <i>cry1A(b)</i> gene from <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> which confers resistance to corn borer, modified <i>cry3A</i> (mCry3A) from <i>Bacillus thuringiensis</i> subsp. <i>tenebriones</i>	October 28, 2014		✓	Pioneer Hi-Bred	Australia/New Zealand, Canada, Japan, Korea, Mexico, Taiwan and USA

	which confers resistance to corn rootworm, and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. CP4 strain which confers tolerance to the Roundup family of agricultural herbicides					
Corn GA21 x corn T25	Contains modified <i>epsps</i> gene from corn which confers tolerance to herbicides and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> for tolerance to herbicide, phosphinotricin	December 9, 2014		✓	Syngenta Philippines Inc.	Canada and Korea
Corn TC1507 x MON810 x MIR162 x NK603	Contains <i>cry1F</i> and <i>pat</i> genes which confer resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp) and tolerance to glufosinate herbicides, respectively, <i>cry1A(b)</i> gene from <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> which confers resistance to corn borer, two novel genes: <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to lepidopteran pests and <i>pmi</i> gene from <i>Escherichia coli</i> encoding the enzyme phosphomannose isomerase present as a selectable marker, and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. CP4 strain which confers tolerance to the Roundup family of agricultural herbicides	Jan. 8, 2015		✓	Pioneer Hi-Bred	Australia/New Zealand, Canada, Japan, Korea, Mexico, Taiwan and USA
Corn MON810 x corn NK603	Contains <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> var <i>kurstaki</i> which confers resistance to corn borer and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp. CP4 strain which confers tolerance to the Roundup family of agricultural herbicides	Jan. 8, 2015 (renewal)		✓	Monsanto Philippines	Argentina, Canada, Colombia, European Union, Honduras, Japan, Korea, Mexico, South Africa, Taiwan
Cotton 531 x cotton 1445	Contains <i>cry1Ac</i> gene from <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> , which confers resistance to lepidopteran pests and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp strain, CP4 which confers tolerance to the Roundup family of agricultural herbicides	Jan. 8, 2015 (renewal)		✓	Monsanto Philippines	Argentina Australia, Brazil, Canada, Columbia, EU, Japan, Korea, Mexico, and South Africa
Cotton 15985 x cotton 1445	Contains the <i>cry2Ab2</i> and <i>cry1Ac</i> genes which encode proteins that convey protection from lepidopteran insect pests and <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp strain, CP4 which confers tolerance to the Roundup family of agricultural herbicides	Jan. 8, 2015 (renewal)		✓	Monsanto Philippines	USA, Canada Japan, EU, Korea, Mexico

Corn MON89034 x corn 1507 x corn 88017 x corn 59122	Contains <i>cry1A.105</i> and <i>cry2Ab2</i> from <i>Bacillus thuringiensis</i> which protect the plant from Asiatic corn borer, common cutworm and corn earworm, <i>cry1F</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to certain lepidopteran pests such as the Asiatic corn borer and pink borer (<i>Sesamia</i> spp) and the <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate- ammonium herbicide, <i>cry3Bb1</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to the corn rootworm, <i>Diabrotica</i> spp and <i>cp4epsps</i> gene from <i>Agrobacterium</i> sp. which confers tolerance to glyphosate, and <i>cry34Ab1</i> and <i>cry35Ab1</i> genes from <i>Bacillus thuringiensis</i> , which confers resistance to certain coleopteran pests such as corn rootworm, <i>Diabrotica</i> sp.	Feb. 9, 2015 (renewal)		✓	Monsanto Philippines and Dow Agro Sciences	USA, Canada and Japan
Bt11 x MIR162 x GA21	Contains <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confer resistance to corn borer and tolerance to herbicide respectively, <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to lepidopteran pests and <i>pmi</i> gene from <i>Escherichia coli</i> encoding the enzyme phosphomannose isomerase present as a selectable marker, and modified <i>epsps</i> gene from corn which confers tolerance to herbicides	February 12, 2015 (renewal)		✓	Syngenta Philippines	Argentina Brazil, Colombia, Japan, Mexico, South Africa, South Korea
Bt11 x MIR162	Contains <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confer resistance to corn borer and tolerance to herbicide respectively, <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to lepidopteran pests and <i>pmi</i> gene from <i>Escherichia coli</i> encoding the enzyme phosphomannose isomerase present as a selectable marker, and modified <i>epsps</i> gene from corn which confers tolerance to herbicides	February 12, 2015		✓	Syngenta Philippines	Argentina and Japan
Corn NK603 x corn T25	Contains <i>cp4epsps</i> coding sequence from <i>Agrobacterium</i> sp CP4 strain which confers tolerance to the Roundup family of agricultural herbicides and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which encodes for tolerance to herbicide phosphinotricin	April 22, 2015 (renewal)		✓	Monsanto Philippines	USA and Canada
Corn Bt11 x corn MIR162 x corn GA21	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which	July 28, 2015 (Renewal)		✓	Syngenta Philippines	USA (food and feed), Japan (food)

	confers resistance to corn borer and tolerance to herbicide respectively, <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> resistance to lepidopteran pests; <i>pmi</i> gene from phosphomannose isomerase present as a selectable marker; and modified <i>epsps</i> gene from corn which confers tolerance to herbicides					
Corn 3272 x corn Bt11 x corn MIR604 x corn GA21	Expresses a synthetic thermostable alpha amylase gene, <i>amy797E</i> that catalyzes the hydrolysis of starch into soluble sugars; <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> which protect the plant from corn borer and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confers tolerance to herbicide; <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> resistance to lepidopteran pests; <i>pmi</i> gene from <i>Escherichia coli</i> encoding the enzyme phosphomannose isomerase present as a selectable marker; and modified <i>epsps</i> gene from corn which confers tolerance to herbicide	July 28, 2015 (Renewal)		✓	Syngenta Philippines	USA (food and feed), Japan (food)
Corn BT11 x corn MIR162 x corn MIR604 x corn GA21	Contains the <i>cry1Ab</i> gene from <i>Bacillus thuringiensis</i> and <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which confers resistance to corn borer and tolerance to herbicide respectively. Contains <i>vip3Aa20</i> gene from <i>Bacillus thuringiensis</i> for resistance to lepidopteran pests; <i>pmi</i> gene from <i>Escherichia coli</i> encoding the enzyme phosphomannose isomerase present as a selectable marker and modified <i>cry3A (mcry3A)</i> from <i>Bacillus thuringiensis</i> subsp. <i>tenebriones</i> which confers resistance to corn rootworm and modified <i>epsps</i> from corn which tolerance to herbicides	July 28, 2015 (Renewal)		✓	Syngenta Philippines	USA (food and feed); and Japan (food)

Attested by:



DANTE V. FIDEL

OIC, Assistant Director and Chair, Biotech Core Team

Certified Correct:



PAZ J. BENAVIDEZ II

Assistant Secretary for Regulations and
OIC-Director, Bureau of Plant Industry

