



**“ANNEX II-A”**

**APPROVAL REGISTRY  
OF COMBINED TRAIT PRODUCTS FOR COMMERCIAL PROPAGATION**  
(As of August 28, 2018)

Combined Trait Product*	Introduced Trait and Gene	Date Approved	Interaction of the resulting gene products		Technology Developer	Other Countries with Similar Approval
			Yes	No		
1. Corn TC1507 x MON810 x NK603* and all progenies from crosses of this product	Contains <i>cry1F</i> gene from <i>Bacillus thuringiensis</i> which confers resistance to Asiatic corn borer, <i>pat</i> gene from <i>Streptomyces viridochromogenes</i> which provides tolerance to glufosinate – ammonium herbicide, <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	March 31, 2014		✓	Pioneer Hi-Bred	USA, Canada, Brazil
2. 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 confers resistance to corn borer and tolerance to herbicide respectively and modified <i>epsps</i> gene from corn which confers tolerance to herbicides	Sept. 6, 2015		✓	Syngenta Philippines	Argentina (Food, Feed, Cultivation 2009), Brazil (Food, Feed, Cultivation 2009), Canada (Cultivation 2005), China (Food, Feed 2011), Colombia (Food 2012, Feed 2010), European Union (Food, Feed 2010), Japan (Food, Feed, Cultivation 2007), Mexico (Food 2007), Paraguay (Food, Feed, Cultivation 2015), South Africa (Food and Feed 2011, Cultivation 2010), South Korea (Food 2006, Feed 2008), Taiwan (Food 2009), Thailand (Food 2013), Turkey (Feed 2011), Uruguay (Food, Feed, Cultivation

\*Biosafety permit was issued under Department of Agriculture, Administrative Order No. 8, Series of 2002

\*\* Biosafety permit was issued under the DOST-DA-DENR-DOH-DILG Joint Department Circular No.1, Series of 2016

						2011), Vietnam (Food, Feed, Cultivation 2015)
3. Corn MON89034 x corn NK603**	Contains the <i>cry1A.105</i> and <i>cry2Ab2</i> genes from <i>Bacillus thuringiensis</i> that are active against lepidopteran insects 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	September 30, 2016		✓	Monsanto Philippines	Argentina (Food, Feed and Cultivation, 2012); Brazil (Food, Feed and Cultivation, 2010); Canada (Cultivation 2008); Colombia (Food, 2010, Feed 2011); European Union (Food & Feed, 2010); Japan (Food, 2008; Feed, 2007; Cultivation, 2008); Mexico (Food 2010); South Africa (Food, Feed, Cultivation, 2010); South Korea (Food, 2010, Feed 2009) Taiwan (Food, 2009); Thailand (Food 2013); Turkey (Feed 2011)

Note: Combined trait product approved for propagation is also approved for direct use as food and feed and for processing.

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