



**PERMANENT DELEGATION OF BRAZIL TO THE INTERNATIONAL  
ORGANIZATIONS LOCATED IN MONTREAL**

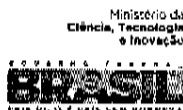
N. 12

The Permanent Delegation of Brazil to the International Organizations located in Montreal presents its compliments to the Secretariat of the Convention on Biological Diversity and, in regard to the Notification 2012-16, takes this opportunity to send the information provided by the National Biosafety Technical Commission (CTNBio) on living modified organisms deemed unlikely to cause harmful effects on the conservation and sustainable use of biological diversity.

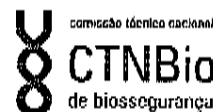
The Permanent Delegation of Brazil avails itself of this opportunity to renew to the Secretariat of the Convention on Biological Diversity the assurances of its highest consideration.

Montreal, April 19, 2012.





**Ministry of Science, Technology, and Innovation -  
MCTI**  
National Biosafety Technical Commission – CTNBio  
Executive Secretariat



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**Memo CTNBio**

**Brasília, February 15, 2012.**

Ms.

**Carmen Ribeiro Moura**  
Head of the International Affairs Office

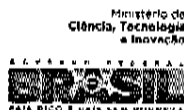
Dear Ms. Ribeiro Moura,

In regard to the Electronic Communication 0084/2012 issued by the Environmental Division (Divisão de Meio Ambiente) of the Ministry of External Relation requesting the submission of information on case-by-case risk assessments concerning the receiving environments of living modified organisms (LMO), for the purpose of assisting the Parties with the identification of LMOs deemed unlikely to cause harmful effects on the conservation and sustainable use of biological diversity, taking into account human health factors and the criteria applied to identify the respective LMOs (Decision BS-V/12, §12 COP-MOP), we offer the following observations:

1. Pursuant to Law No. 11105/05, CTNBio performs case-by-case analyses of modified organisms;
2. CTNBio's analyses address aspects, including contained use and commercial use. Since Decision BS-V/12 does not indicate the specific use, pursuant to the scope of the Cartagena Protocol, it is understood that it refers to commercial uses;
3. In regard to commercial uses, all genetically modified organisms approved by CTNBio through the present date have been deemed not to represent potential causes of significant harm to the environment or human and animal health.
4. In respect of commercial licenses for genetically modified cotton, exclusion zones have been established based on protection targets determined for certain rare wild cotton species and on the fact that the respective zones do not constitute traditional cotton producing areas.
5. With respect to the criteria applied to commercial uses risk assessments, these are set forth in CTNBio Resolution No. 05. The English version of the Resolution is attached to this communication.
6. In accordance with the information provided, we include a table of the genetic events approved in Brazil, as well as the results of the corresponding risk assessments (Reports entered).

Respectfully,

**Rubens José do Nascimento**  
General Coordinator of CTNBio



Ministry of Science, Technology, and Innovation -  
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### COMMERCIALY APPROVED GENETIC EVENT IN SOY

Case	Event	Gene	Characteristic	Company
01200.001864/2009-00	MON 87701 x MON 80788	<i>Cry1Ac</i> e <i>cp4-epsps</i>	Resistance to insects and glyphosate tolerance	Monsanto do Brasil Ltda
01200.006065/2007-50	A 2704-12	<i>pat</i>	Ammonium glyphosate tolerance	Bayer S.A
01200.008881/2008-92	A 5547-127	<i>pat</i>	Ammonium glyphosate tolerance	Bayer S.A
01200.000010/2009-06	BPS-CV 127-9	<i>crs1-2</i>	Imidazolinone tolerance	Basf S.A and Embrapa
01200.002402/98-60	GTFS 401-2	<i>cp4-epsps</i>	Glyphosate tolerance	Monsanto do Brasil Ltda

### COMMERCIALY APPROVED GENETIC EVENT IN COTTON

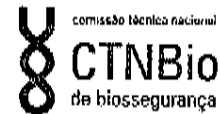
Case	Event	Gene	Characteristic	Company
01200.001471/2003-01	Dalgaard 531	<i>Cry1Ac</i>	Resistance to insects	Monsanto
01200.001894/2004-01	LL	<i>Bar</i>	Herbicide tolerance	Bayer
01200.004487/2004-45	MON 1445	<i>CP4-epsps</i>	Herbicide tolerance	Monsanto
01200.005322/2006-55	Widestrike	<i>cry1F, cry1Ac, pat</i>	Resistance to insects and herbicide tolerance	Dow
01200.003267/2007-40	MON15985	<i>Cry1Ac, cry2Ab2</i>	Resistance to insects	Monsanto
01200.000927/2009-01	MON 151 x MON 1445	<i>Cry1Ac</i> e <i>cp4-epsps</i>	Resistance to insects and herbicide tolerance	Monsanto
01200.000800/2010-17	GHB614	<i>2mepsps</i>	Herbicide tolerance	Bayer
01200.002699/2010-39	Twinlik	<i>Cry1Ab, cry2Ac, bar</i>	Resistance to insects and herbicide tolerance	Bayer
01200.003606/2010-93	MON 88913	<i>cp4-epsps</i>	Herbicide tolerance	Monsanto

### COMMERCIALY APPROVED GENETIC EVENT IN CORN

Case	Event	Gene	Characteristic	Company
01200.005154/1998-36	LT	<i>pat</i>	Herbicide tolerance	Bayer
01200.002995/1999-54	MON 810	<i>Cry1Ab</i>	Resistance to insects	Monsanto
01200.002109/2000-04	BT 101	<i>Cry1A/pat</i>	Resistance to insects and herbicide tolerance	Syngenta
01200.002293/2004-16	NK 603	<i>epsps</i>	Herbicide tolerance	Monsanto
01200.000082/2006-21	GA 21	<i>mepsps</i>	Herbicide tolerance	Syngenta
01200.007232/2006-07	TC 1507	<i>Cry1F/pat</i>	Resistance to insects and herbicide tolerance	DuPont/Dow
01200.007497/2007-08	MIR 162	<i>VIP3Aa20</i>	Resistance to insects	Syngenta
01200.003326/2008-61	MON 89034	<i>Cry1A.105/Cry2Ab2</i>	Resistance to insects	Monsanto
01200.001016/2009-92	TC 1507 x NK 603	<i>Cry1F/epsps</i>	Resistance to insects and herbicide tolerance	DuPont/Dow
01200.000926/2009-58	MON 810 x NK 603	<i>Cry1Ab/epsps</i>	Resistance to insects and herbicide tolerance	Monsanto
01200.000925/2009-51	Bt11 x GA 21	<i>Cry1Ab/epsps</i>	Resistance to insects and herbicide tolerance	Syngenta
01200.005038/2009-21	BT 11x MIR 162 x GA 21	<i>Cry1AxBtVip3xmepsps</i>	Resistance to insects and herbicide tolerance	Syngenta
01200.003952/2009-38	MON 89034 x NK 603	<i>Cry1A.105/Cry2Ab2/epsps</i>	Resistance to insects and herbicide tolerance	Monsanto
01200.000987/2010-59	MON 88017	<i>Cry2Bb1/epsps</i>	Resistance to insects and herbicide tolerance	Monsanto
01200.001455/2010-39	MON 89034 x TC 1507 x NK 603	<i>Cry1A.105/Cry2Ab2/Cry1F/pat/epsps</i>	Resistance to insects and herbicide tolerance	Monsanto/Dow
01200.003895/2010-21	TC1507xMON810xNK603	<i>Cry1F/pat/Cry1Ab</i>	Resistance to insects and herbicide tolerance	Du Pont
01200.001788/2010-01	TC1507xMON810	<i>Cry1F/pat/Cry1Ab</i>	Resistance to insects and herbicide tolerance	Du Pont
01200.000614/2011-69	MON 89034 x MON 88017	<i>Cry1A.105, Cry2Ab2, Cry3Bb1, cp4-epsps</i>	Resistance to insects and herbicide tolerance	Monsanto



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**COMMERCIALLY APPROVED EVENT IN BEANS**

Case	Event	Gene	Characteristic	Company
01200.005161/2010-86	Embrapa 5.1	Chimerical gene	Resistant to gold-mosaic virus	Embrapa

**COMMERCIALLY APPROVED GENETIC EVENT IN MICROORGANISMS (*Sacharomyces cerevisiae*)**

Case	Event	Gene	Characteristic	Company
01200.003590/2007-85	Capn Y1979	Farnesene synthase	Fuel production	Amyris

**LIVING MODIFIED VACCINES FOR VETERINARY USE**

Case	Event	Characteristic	Company
01200.002929/2007-52	Recoobitak Vaxxitek MD/IBD	Cummins/Viruses Birds/Marek-Gumboro	Merial
01200.005090/2003-92	PRV-Marker	Pigs/Aujeszky	Schering
01200.001967/2007-08	Suvaxyn PCV2	Pigs/Circovirus	Fort Dodge
01200.002197/2007-53	Inglevac	Pigs/Circovirus	Boehringer
01200.000528/2008-51	P. Circumvent	Pigs/Circovirus	Intervet
01200.000398/2007-49	Reovac	Birds/P. avium	Fort Dodge
01200.000394/2009-59	Vectormune FP-MG	Birds/Roup-Mycoplasma	Ceva
01200.000393/2009-60	Vectormune HVT-MG/AE	Birds/Roup-Infectious	Ceva
01200.000395/2009-01	Vectormunc HVT-IBD	Birds/Marek-Gumboro	Ceva
01200.000392/2009-60	Vectormune HVT-NDV	Birds/Marek-Newcastle	Ceva
01200.003421/2010-89	PouvacSt INNOVAX	Birds / Salmonellosis Birds/Marek and Laryngotracheitis	Fort Dodge Intervet