

Proceedings.: 01200.001157/2011-20
Applicant: Bayer S.A
CNPJ: 18.459.628/0001-15
Address: Rua Domingos Jorge, 1100 Prédio 9504 – 3o. Andar São Paulo-SP
Subject: commercial release of GMOs
Previous extract: No. 2.772/2011, published on 11/05/2011
Meeting: 152 Ordinary Meeting, held on 17.05.2012
Decision: GRANTED

CTNBio, after consideration of commercial release of genetically modified cotton herbicide tolerant and insect resistant called GlyTol x TwinLink - Event GHB 614 x T304-40 x GHB119 as well as all progeny from him, with a view to free use in the environment, registration, human or animal consumption, trade or industrial use and any other use or activity related to the event or their byproducts, respecting the laws and other applicable requirements, completed by GRANTING under this technical opinion. The combination of cotton containing Events GlyTol x TwinLink was obtained through classical breeding by crossing and selection among individuals with individual events. The agency has analyzed the characteristics of tolerance to the herbicides glyphosate and glufosinate ammonium and insect resistance conferred by genes 2mepsps gene, bar, and cry1Ab cry2Ae respectively. CTNBio reviewed the reports submitted by the applicant as well as independent scientific literature. The analysis of the results of all tests indicated that cotton Glytol x TwinLink is considered substantially equivalent to other cotton varieties. The restricted areas for planting of genetically modified cotton laid down in MAPA Ordinance No. 21/2005, must be strictly observed.

Within the scope of the powers conferred through article 14 of Law No. 11105/05, CTNBio ruled that the application meets the pertinent rules and regulations enacted to ensure biosecurity of the environment, agriculture, and human and animal health, concluding, further, that cotton GlyTolxTwinLink is substantively equivalent to conventional cotton and that its consumption is safe for human and animal health. In regard to the environment, CTNBio found that production of GlyTolxTwinLink cotton is not a potential cause of significant environmental degradation and that it maintains an identical relationship with the biota as conventional cotton. Based on the technical and scientific justifications, CTNBio reserved the right to review this Opinion at any time.

CTNBio notes that this summary does not exempt the applicant from fulfilling all other Brazilian laws in connection with the object of this application.

The full text of the Technical Opinion is attached to the case records filed with CTNBio. Supplementary information or requests for further information on the procedure above may be referred in writing to CTNBio Executive Secretariat.

Flávio Finardi Filho
Ctnbio President