

Event MON810

MON810 maize is a product of the Monsanto company. The maize line has been genetically modified to be resistant against lepidopteran insects.

In 2009, MON810 maize was commercially grown in 17 countries, including six countries of the EU. Additionally, MON810 was imported in several other countries.

MON810 maize was produced by particle bombardment and contains a truncated cry1Ab gene which confers resistance against European stemborer and other lepidoptera.

Despite its widely use there is an ongoing controversy about potential impacts of MON810 culotivation on non-target organisms.

authorization status: import

processing

feed

food

cultivation

link to EU authorization: [EU authorization status](#) [1]

subject to withdrawl and/or bans: (national) bans in place

details on withdrawl or bans:

The cultivation of MON810 is currently banned in Austria, Hungary, France, Greece, Germany, and Luxembourg

Genes:

- [cry1Ab](#) [2]

GM Event:

- [MON810](#) [3]

Trade name:

- [YieldGard](#) [4]

Traits:

- [IR - lepidoptera](#) [5]

Related application(s): [MON810 renewal](#) [6]

[agbios database entry](#) [7]

[Biosafety Clearing-House entry](#) [8]

Scientific articles: [Bohn et al. \(2008\): Reduced Fitness of Daphnia magna Fed a Bt-Transgenic Maize Variety](#) [9]

[Rosi-Marshall et al. \(2007\): Toxins in transgenic crop byproducts may affect headwater stream ecosystems](#) [10]

Source URL: <https://www.testbiotech.org/en/content/event-mon810>

Links

- [1] http://ec.europa.eu/food/dyna/gm_register/gm_register_auth.cfm?pr_id=11
- [2] <https://www.testbiotech.org/en/taxonomy/term/57>
- [3] <https://www.testbiotech.org/en/taxonomy/term/71>
- [4] <https://www.testbiotech.org/en/taxonomy/term/121>
- [5] <https://www.testbiotech.org/en/taxonomy/term/46>
- [6] <https://www.testbiotech.org/en/content/mon810-renewal>
- [7] <http://www.agbios.com/dbase.php?action=Submit&evidcode=MON810>
- [8] <http://bch.cbd.int/database/record-v4.shtml?documentid=14750>
- [9] <http://www.springerlink.com/content/m55x032626021295/>
- [10] <http://www.pnas.org/cgi/content/abstract/104/41/16204>