

MON89034 x NK603 cultivation

MON89034 x NK603 (YieldGard VT PRO/RR2) is one of a growing number applications for Monsanto's YieldGard VT PRO (MON89034) hybrids as food/feed or for cultivation, many of which were filed even before MON89034 itself was authorized by the EU Commission as food/feed in the EU.

[MON89034](#) [1] produces two Bt toxins (Cry1A.105 and Cry2Ab2) against a number of lepidopteran pest, but little is known about these Bt toxins. **Cry1A.105** is not really one Bt toxin, but a protein comprised of naturally occurring Cry1Ab, Cry1F, and Cry1Ac proteins. The gene cry1A.105 is a chimeric gene comprising of 4 domains from other cry genes previously used in transgenic plants. Not even the US authorities have deregulated Cry1A.105, instead only in March 2009 the EPA established an 18-month, time-limited exemption from the requirement of a tolerance for Cry1A.105 residues in cotton food/feed products.

Cry2Ab2 belongs to the class of Cry2Ab toxins that are currently mainly used in Bt cotton plants.

[NK603](#) [2] is one of Monsanto's Roundup Ready maize events that contains two transgenic cp4-epsps genes under the control of two different promoters.

The clock for the assessment was stopped in January 2010.

Related events: [Event MON89034](#) [3]

[Event NK603](#) [4]

[YieldGard VT PRO/RR2 \(Event MON89034 x NK603\)](#) [5]

Related application(s): [MON89034 x NK603 for food/feed](#) [6]

[MON89034 for food/feed](#) [7]

[NK603: cultivation and food/feed application](#) [8]

Question number: EFSA-Q-2009-00663

Application number: EFSA-GMO-NL-2009-72

Application date: 03/06/2009

Type: new application

Application accepted: 09/10/2009

Status: additional data requested /clock stopped

clock stopped: 01/2010

[EFSA registration](#) [9]

Petitioner: Monsanto Europe

Applicant/Requester: The Netherlands

Source URL: <https://www.testbiotech.org/en/content/mon89034-x-nk603-cultivation>

Links

[1] <https://www.testbiotech.org/en/node/133> [2] <https://www.testbiotech.org/en/node/59> [3]

<https://www.testbiotech.org/en/content/event-mon89034> [4]

<https://www.testbiotech.org/en/content/event-nk603> [5]

<https://www.testbiotech.org/en/content/yieldgard-vt-prorr2-event-mon89034-x-nk603> [6]

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<http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2009-00663>