

2005



الهيكليات الوطنية ونقاشات من حول العالم

كتيب معلومات: الكائنات المعدلة جينيا



نشرة عدد ٦
تموز/يوليو ٢٠٠٥

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إذا اردتم المشاركة في هذه النشرة الاخبارية
وللمزيد من المعلومات، يرجى الاتصال:

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٥٠٩: ٠١٣ ٠ ٠ :

Elsa.Sattout@aub.edu.lb :

Bayer's oilseed rape Topas 19/2

1

1998/11/16

MS1xRf1

1

Syngenta Bt 176

32)

Bayer's T25

+

+

+

Monsanto's

1999/6/10

MON810

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+

1997/2/7

Syngenta Bt 176

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Bayer's oilseed rape Topas 19/2

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http://www.foceurope.org/ban_risky_gm_food/index.php

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www.foodlaw.rdg.ac.uk/news/eu-05037.htm

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119

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.(22)

.(20)

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2005

24

% 70

2000/03/31

Syngenta Bt 176

Bt

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(Levin & Sprinson 1964)
 (Steinrucken & Amrhein 1980)

PLRV PVY
 (potato leafroll virus)

<http://www.agbios.com/cstudies.php?book=GMFEEDS&chapter=GM>

Source: *AGBIOS-Accessed July 21, 05*



Friends of the Earth.

1998

http://www.foeeurope.org/GMOs/publications/Biotech_July_2005.pdf

Source: *Friends of the Earth Europe*

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 (1

delta-endotoxins Bt cry

European corn borer
 Colorado potato beetle (ECB)

Bacillus
 1961 thuringiensis
 (Frankenhuyzen 1993).
 Cry1F Cry9C Cry1Ac Cry1Ab
 ECB

(EPSPS) 5-
 enolpyruvylshikimate-3-phosphate synthase

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Table 1. Expressed traits and associated genes that have been incorporated into crop species usually used in animal feeds.

Trait	Genetic Element(s)	Gene Source
Insect resistance	cry1Ab, cry1Ac, cry9C, cry3A, cry1F	<i>Bacillus thuringiensis</i>
Glyphosate herbicide tolerance	phosphinothricin N-acetyltransferase	<i>Streptomyces hygroscopicus</i> or <i>S. viridochromogenes</i>
Glyphosate herbicide tolerance	5-enolpyruvylshikimate-3-phosphate synthase (EPSPS)	<i>Agrobacterium tumefaciens</i> strain CP4; or modified endogenous maize enzyme
Male sterility	bar gene	<i>Bacillus amyloliquefaciens</i>
Sulfonyl urea herbicide tolerance	variant form of acetolactate synthase	<i>Nicotiana tabacum</i> (tobacco)
Oxynil herbicide tolerance	nitrilase	<i>Klebsiella pneumoniae</i> subsp. <i>ozaenae</i>
Modified seed fatty acid profile	delta-12 desaturase	<i>Glycine max</i> (soybean); coordinate suppression of endogenous gene
Virus resistance	coat protein helicase/replicase	potato virus Y potato leafroll virus



Source: agbios, 2002

اجتماعات و مؤتمرات

- Ad Hoc Technical Expert Group on Risk Assessment under the Cartagena Protocol on Biosafety
Italy, 15 - 18 November 2005
- Coordination meeting on biosafety capacity building initiatives & Liaison Group on Capacity-building for Biosafety
Tromsø, Norway, 18-19 - 20 January 2006
- Second meeting of the Compliance Committee under the Cartagena Protocol on Biosafety
Montreal, Canada, 6 - 8 February 2006
- Third meeting of the Conference of the Parties serving as the meeting of the Parties to the Cartagena Protocol on Biosafety
Brazil, 13 - 17 March 2006



للمزيد من المعلومات

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0236-11 : .

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marker assisted selection



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<http://www.undp.org.lb/programme/environment/factsheets/index.html>