

Bern, Biovision, 31. Januar 2012

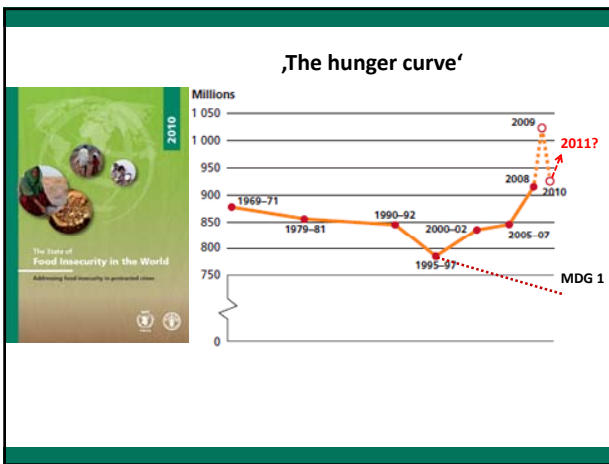


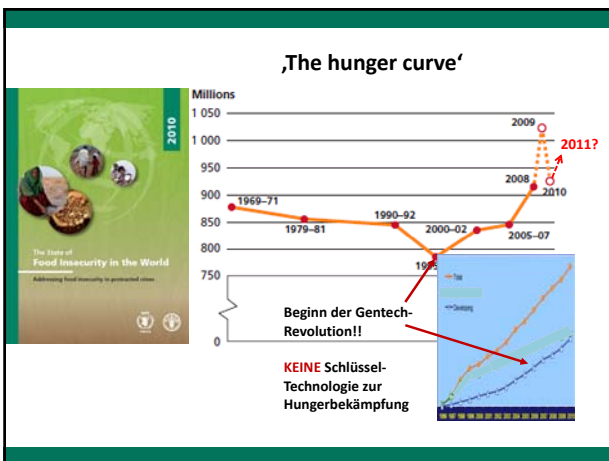
Kurswechsel in der Landwirtschaft und Rio +20

Chancen und Risiken von gentechnisch veränderten Pflanzen im Kontext von Welthunger/Weltagrarbericht


Angelika Hilbeck
 Institute für Integrative Biologie, ETH Zürich, Schweiz








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Warum GV Pflanzen bislang keine Lösung?

- Singuläre, isolierte Lösungsoptionen
- Symptom- anstatt Ursachenbekämpfung
- Geringe Kenntnis lokaler Bedingungen und Bedürfnisse (Kontext)
- Unkenntnis internationaler und nationaler Regulierung/Zulassungsverfahren (einschl. Konsequenzen für Landwirte e.g. Patent-/Eigentumsrechte/Lizenzgebühren)
- Druck auf Länder nationale Gesetzgebung aufzuweichen (WEMA/Tanzania)



Gentech Pflanzen verfestigen die industrielle Landwirtschaft



HR-cropssold on simplicity!



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The expansion of biotechnologically modified soybean in Argentina: Economical aspects and considerations

by Reinaldo Muñoz, F Moscardi, C B Hoffmann-Campo, O F Saraiva, P R Galerani, F C Krzyzanowski, M C Carrao-Panizzi

The author reviews the expansion of roundup resistant (RR) soybeans in Argentina ... from the early 1990s until ... 2003/04 season. ...Conclusions are that producers have massively adopted the biotechnology because it allows for no-tillage cultivation, greatly reducing the cost of production and labor inputs.

This drop in the cost of production, combined with high international prices for soybeans and soybean products has precipitated major growth in the production of soybeans, including expansion into areas previously considered unsuitable for cultivation.

Proceedings VII World Soybean Research Conference IV International Soybean Processing and Utilization Conference III Congresso Brasileiro de Soja Brazilian Soybean Congress Foz do Iguaçu PR Brazil 29 February5 March 2004. Publisher: Brazilian Agricultural Research Corporation, National Soybean Research Center, Pages: 551-558.






**Changes in land use and its consequence:
Soil erosion and nutrients downstream the Basin**

Massive soil erosion from open agricultural lands in Argentina, Uruguay, Paraguay, Brazil...

Massive weed resistance problems

Massive increase in broad spectrum herbicide use

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GM soybean: Latin America's new colonizer
Miguel Altieri and Walter Pengue | 21 January 2006 | Seedling, January 2006


GM soybeans are much more environmentally damaging than other crops,

Socio-economic consequences include **severe concentration of land and income, the expulsion of rural populations to the Amazonian frontier and to urban areas, compounding the concentration of the poor in cities.**

The multiple impacts of soybean expansion also **reduce the food security potential** of target countries. Much of the land previously devoted to grain, dairy products or fruits has been converted to soybean for exports.

<http://www.grain.org/article/entries/588-gm-soybean-latin-america-s-new-colonizer>

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Weltagrabericht

Analysen sind gemacht, wir wissen welche Richtung einzuschlagen ist

Handlungsoptionen liegen vor

Zuerst muss Kurswechsel eingeleitet werden, dann kann Biotechnologie wertvollen Beitrag leisten

- problemlösungs-orientiert
- Prioritäten auf standortgerechte Lösungen
- faire, partizipatorische Prozesse



<http://www.grain.org/article/entries/588-gm-soybean-latin-america-s-new-colonizer>
