

Government Control and Inspection

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Ministry of Agriculture, Livestock and Food Supply

NATIONAL BIOSAFETY LEGISLATION

LAW No. 11.105

March 24th, 2005

Decree No. 5.591

November 22th, 2005

Law 11.105/2005

**National Biosafety
Council
CNBS**

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graph TD; CNBS[National Biosafety Council CNBS] --> CTNBio[National Biosafety Technical Commission CTNBio]; CNBS --> RIB[Registration and Inspection Bodies]; CTNBio --> RIB; CTNBio --> IBC[Internal Biosafety Commissions]; RIB --> IBC; IBC --- Entities[Companies, Universities, Public Research Centers, etc];
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**Registration and
Inspection Bodies**

**National Biosafety
Technical Commission
CTNBio**

**Internal Biosafety
Commissions**

Companies, Universities, Public Research Centers, etc



National Biosafety

CTNBio

Technical Commission

Science Sector

Human Health (3)
Animal Health (3)
Plant Protection (3)
Environment(3)

Civil Society

Customer Protection
Health
Small Farms
Environment
Biotechnology
Worker Health

Governmental

**MAPA, MCT, MS, MMA
MDIC, MRE, MDA
MD e MPA**

Official Controls Before Commercial Release

**Research (biosafety procedures and monitoring)
and non authorized GMO → Biosafety concerns**

Official Controls After Commercial Release

- **The same of the conventional – sanitary, quality, efficiency, etc**
- **Any specific requirement or restriction established by CTNBio.**

INTERNAL BIOSAFETY COMMITTEES

All institutions that use techniques and methods of genetic engineering or perform research using GMOs and their derivatives shall create an Internal Biosafety Committee (CIBio), and also nominate a principal technical expert who is responsible for each specific project

CERTIFYD OF QUALITY IN BIOSAFETY – CQB

- ✓ **Certifyd demanded for the accomplishment of any research and development of a new GMO**
- ✓ **Emitted for one or more installations indicated for the petitioner**
- ✓ **Emitted for one or more activities and GMO indicated for the petitioner**
- ✓ **It demands the previous constitution of na Internal Biosafety Commitee**

Internal Commission of Biosafety (CIBio) and Biosafety Quality Certificate (CQB)

**Constitute na Internal
Biosafety Commission
(CIBio)**



**Obtain a Biosafety
Quality Certificate
(CQB) issued by
CTNBio**

REGISTRATION AND INSPECTION BODIES

Federal Government bodies responsible for the registration and inspections of products and activities with GMO

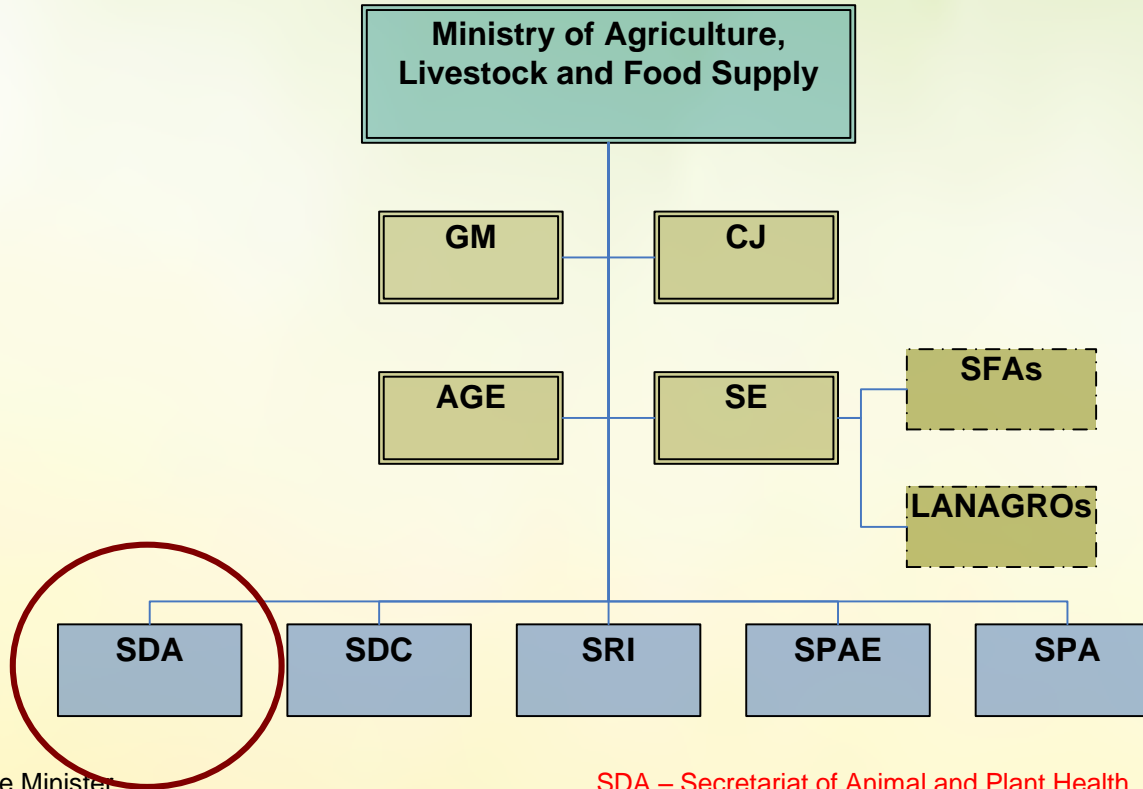
- ***Ministry of Agriculture, Livestock and Food Supply (MAPA)***
- ***Ministry of Fishery (MAP)***
- ***Ministry of Environment (IBAMA)***
- ***Ministry of Health (MS)***

REGISTRATION AND INSPECTION BODIES

It competes to THEM, in the field of its areas of performance, taking into account CTNBio's rules and deliberations:

- ✓ to inspect research activities with GMOs
- ✓ to register and inspect the commercial release of GMOs
- ✓ to authorize GMOs imports for commercial use

MAPA Organization



GM – Cabinet of the Minister

CJ – Legal Advisory Office

AGE – Assessorship of Strategical Management

SE – Executive Secretariat

SFAs – Federal Agricultural Superintendence

LANAGROS - National Agricultural & Livestock Laboratory

SDA – Secretariat of Animal and Plant Health

SDC – Secretariat of Agricultural Development and Cooperativism

SRI – Secretariat of Agribusiness International Relations

SPAE – Secretariat of Production and Agroenergy

SPA - Secretariat of Agricultural Policy

Secretaria de Defesa Agropecuária

Coordenação de Biossegurança de OGM

Coordenação-Geral do Sistema de Vigilância Agropecuária

Coordenação-Geral de Apoio Laboratorial

Coordenação de Controle de Resíduos e Contaminantes

Coordenação do SISBOV

Coordenação de Apoio Orçamentário

Departamento de Fiscalização Insumos Agrícolas

Departamento de Fiscalização Insumos Pecuários

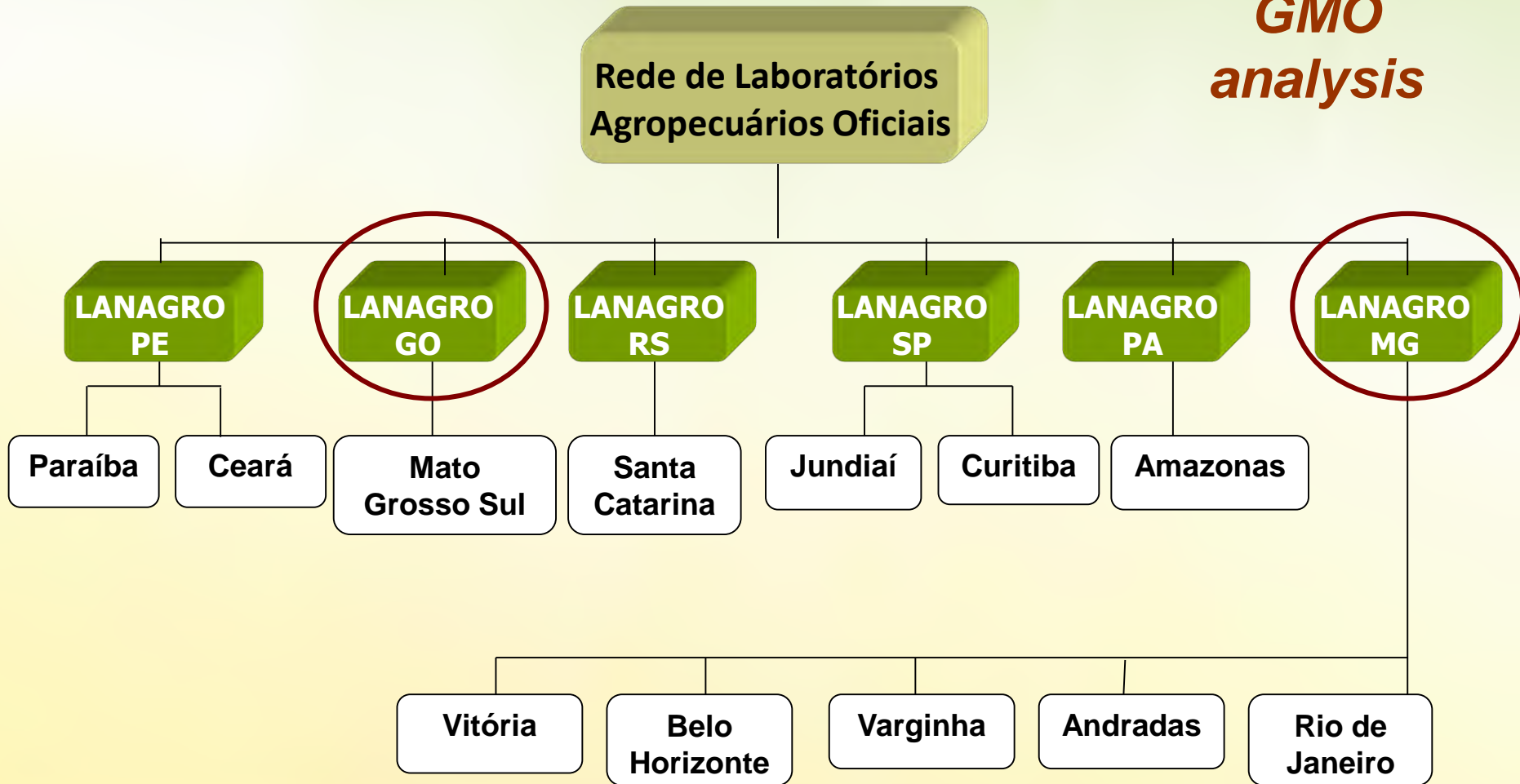
Departamento de Inspeção de Produtos de Origem Vegetal

Departamento de Inspeção de Produtos de Origem Animal

Departamento de Sanidade Vegetal

Departamento de Saúde Animal

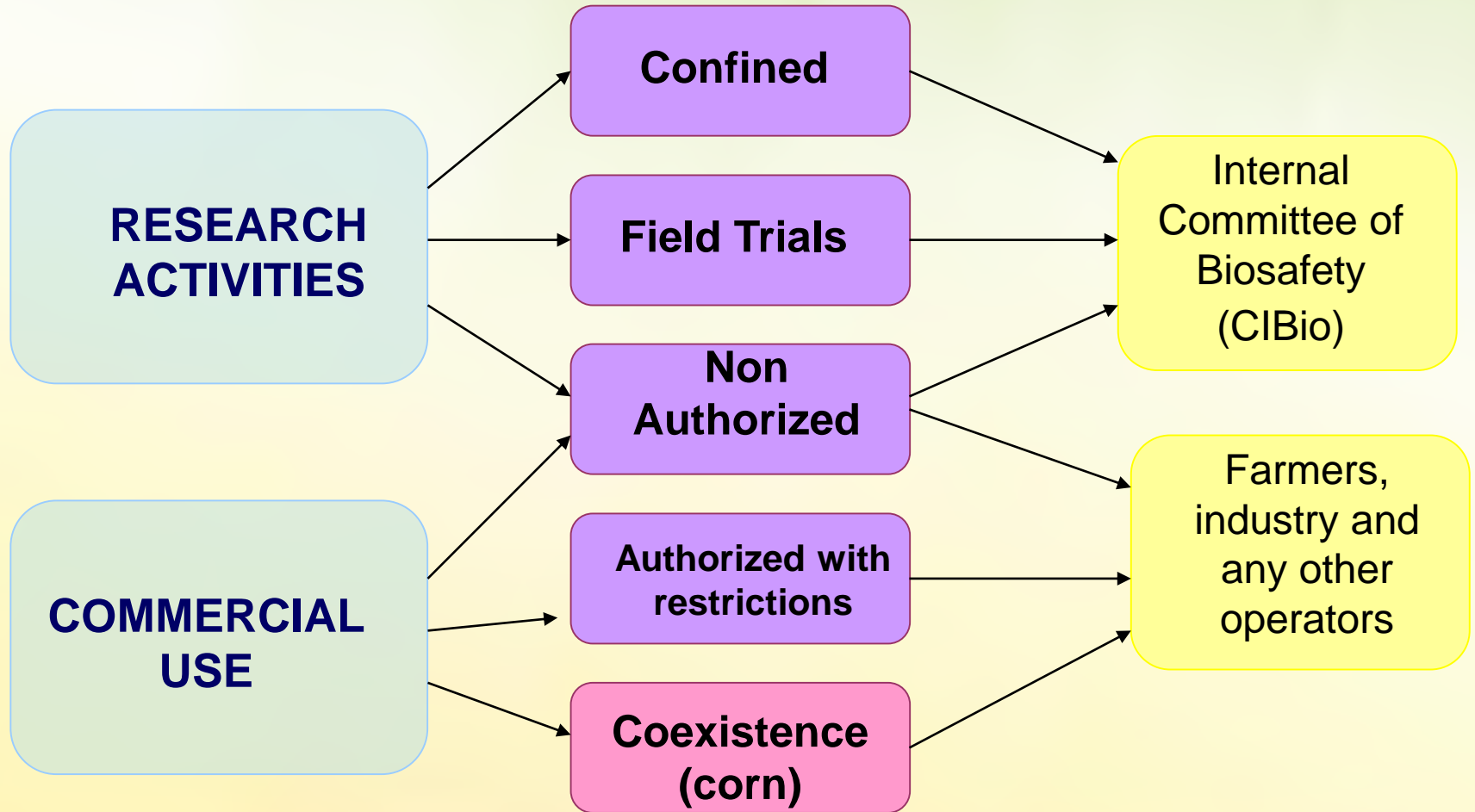
GMO analysis



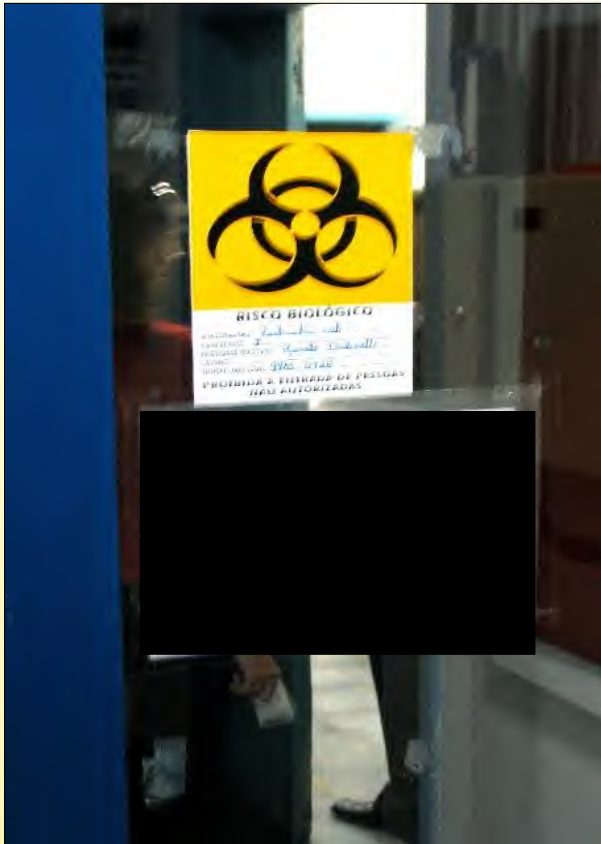
MAPA Inspections

- **Action included in the Government Planning since 2002**
- **Sources around U\$ 900,000 last year**
- **3 official laboratories able to perform GMO detection and 6 private laboratories accredited**

Inspection Modalities



Access Control and Signaling



Sowing and planting



Location





IDENTIFICATION



BORDERS



DISCHARGE



POS CONTROLLED RELEASE MONITORING



Face oeste

Commercial Use Inspections





Coexistence Inspections

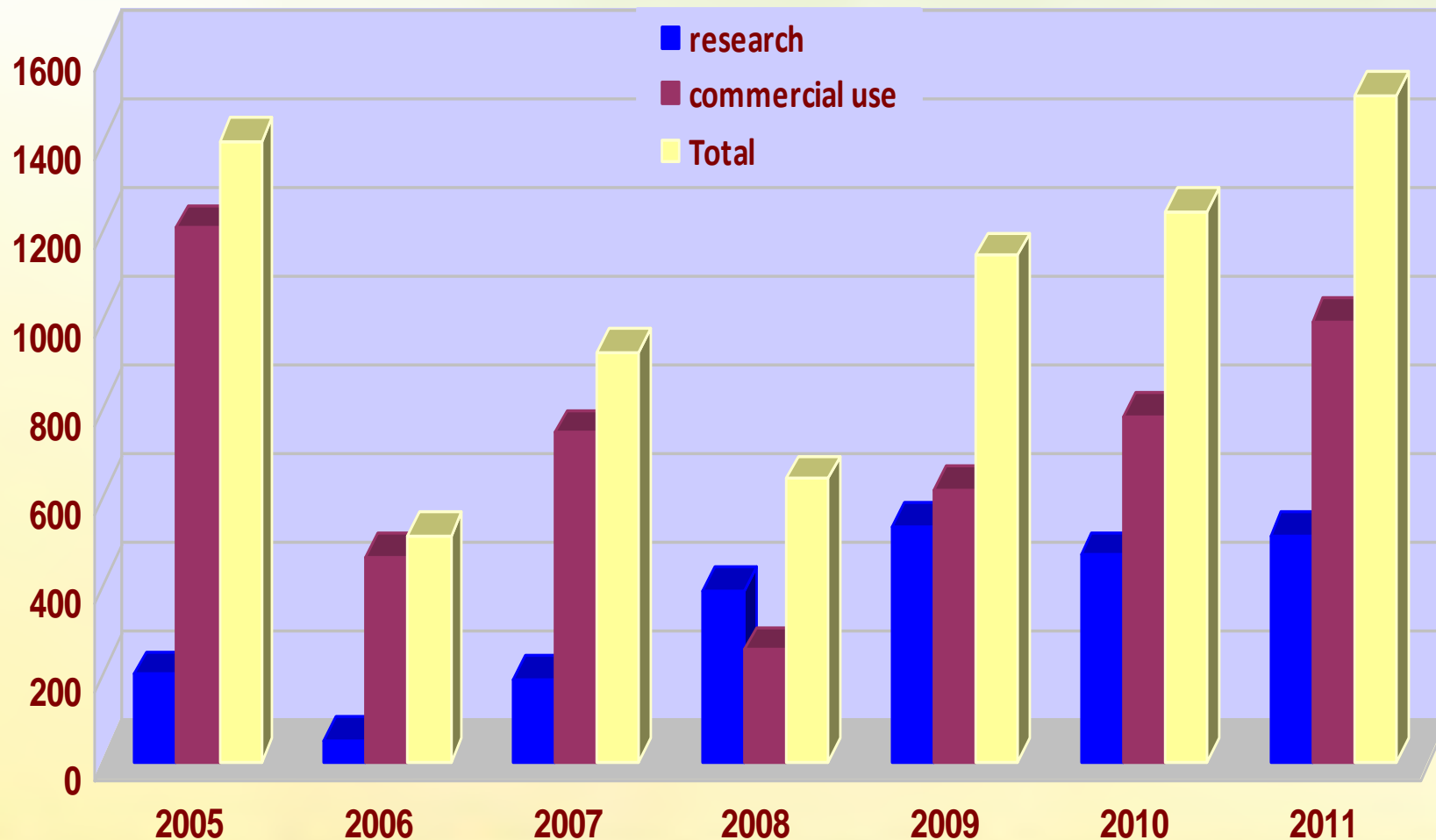


Exclusion Zones
GM Cotton

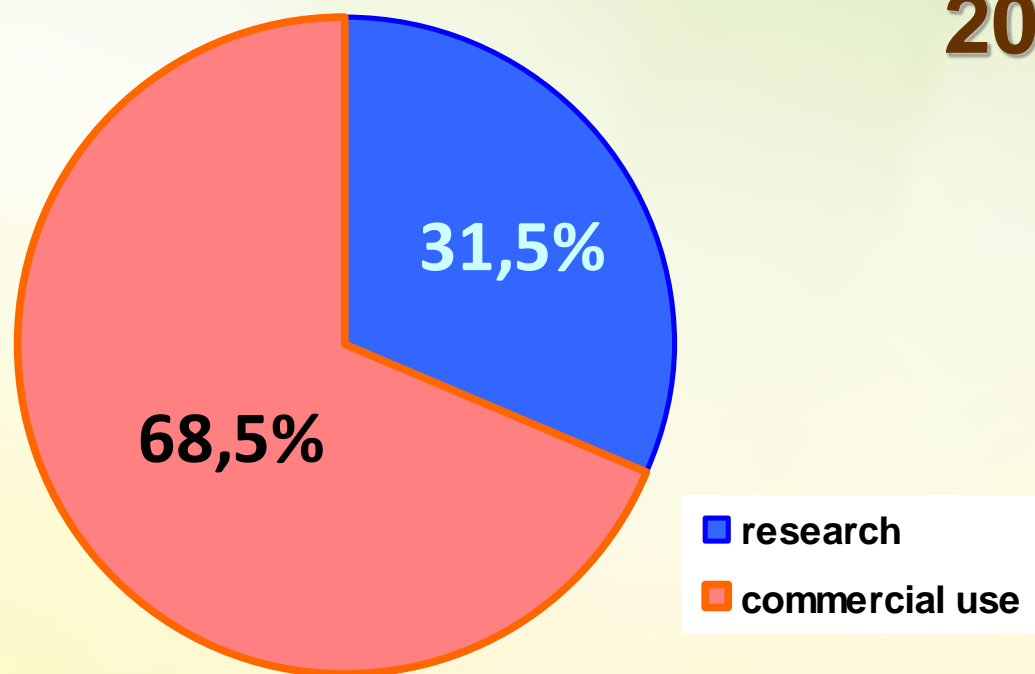
-  Allowed
-  Not Allowed



Inspections 2005 – 2011



Inspections 2005 – 2011



7,363

Activity	Compliance Rate						
	2005	2006	2007	2008	2009	2010	2011
Research	99,5	100	98,9	99,2	97,55	98,5	99,42
Commercial Use	98,18	88	93,3	98	92,8	94	96,5

Fines Official Control

Field inspections performed by the Ministry of
Agriculture, Livestock and Food Supply –
MAPA

Fines in cases of noncompliance:
829 € – 622,458 €



Importação

- **Verificação de Presença de Eventos Não Aprovados**
- **Origens com OGM ainda não aprovados no Brasil**



Rotulagem de Alimentos

Produtos sob a competência do MAPA:

- ✓ Rações
- ✓ Algumas bebidas
- ✓ Produtos de Origem Animal

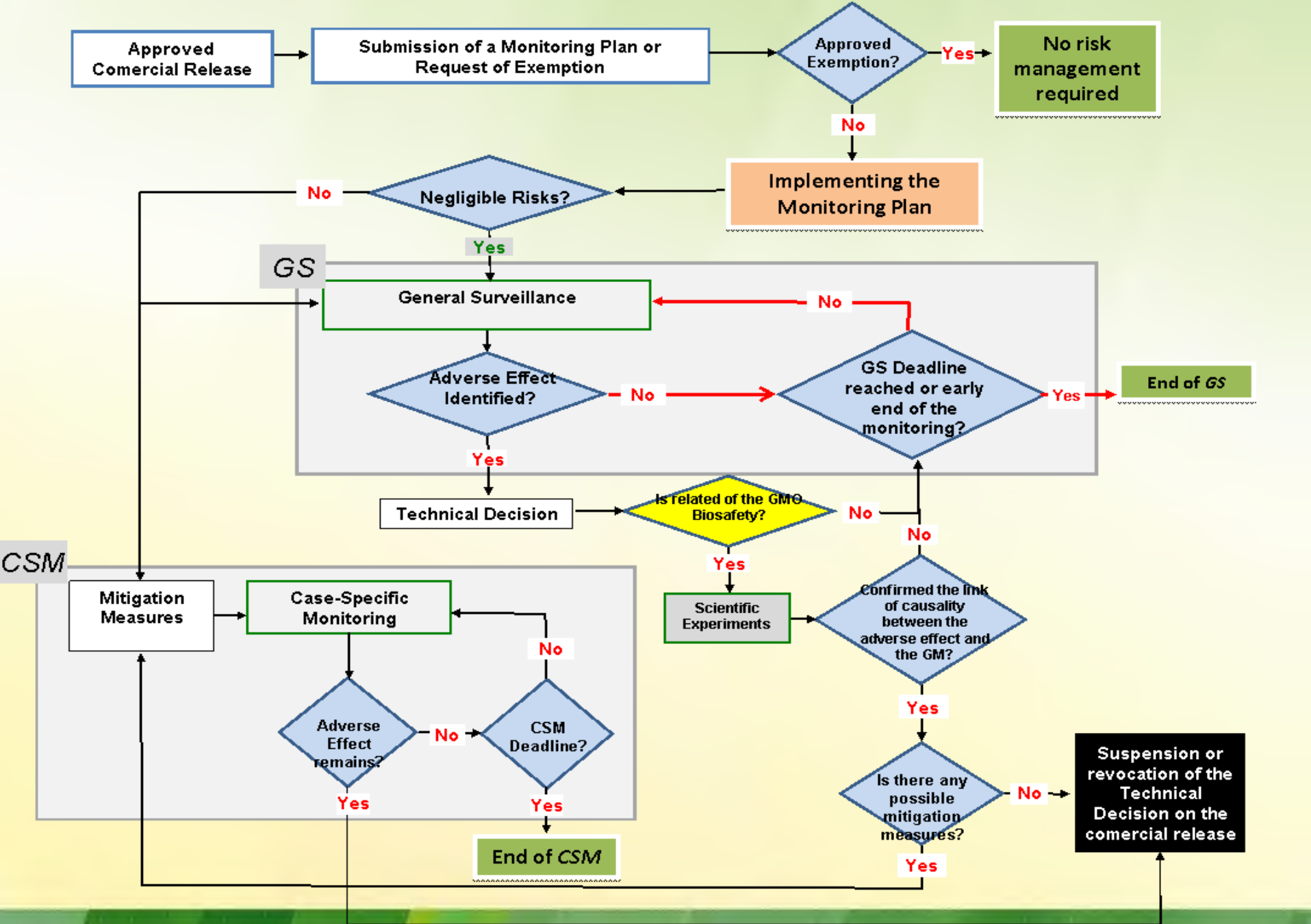
150 produtos avaliados em 2011



Resolution CTNBio n° 09/11

Official Control

- **National Biosafety Technical Commission**
CTNBio



External Audits

Co-Extra News : EU food inspectors to visit Brazilian soybean production - Microsoft Internet Explorer

Arquivo Editar Exibir Favoritos Ferramentas Ajuda

Endereço <http://www.coextra.eu/news/news790.html> Ir

Google "co-extra" Go 42 blocked Check AutoLink Settings

Co-Extra > news > EU food inspectors to visit Brazilian soybean production

EU Food Inspectors to Visit Brazilian Soybean Production

In March, an EU mission will inspect producers and traders of soybeans in Brazil. Since the European Union has strict market regulations for GM foods, it is likely that the inspectors will focus on the reliability of established segregation methods for the separate export of GM and non-GM soy.



Thank you

Juliana Ribeiro Alexandre

**Ministry of Agriculture, Livestock and Food Supply of
Brasil**

